

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
 Data File : PL096167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 17:43
 Operator : AR\AJ
 Sample : Q2126-08
 Misc : PEST LOQ 5PPB WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 04:28:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 24 16:08:38 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...	3.569	2.880	59577021	75624531	17.307	17.236
28) SA Decachlor...	9.110	8.062	50733856	102.1E6	19.031	18.971
Target Compounds						
2) A alpha-BHC	4.020	3.389	23016557	26650582	4.296	4.026
3) MA gamma-BHC...	4.352	3.722	22389437	26528982	4.471	4.216
4) MA Heptachlor	4.948	4.074	21929290	27524967	4.776m	4.364
5) MB Aldrin	5.291	4.358	22544441	25841257	4.741	4.370
6) B beta-BHC	4.540	4.016	10168611	13121293	4.754	4.758m
7) B delta-BHC	4.786	4.252	22731882	26156463	4.655m	4.160
8) B Heptachlo...	5.713	4.860	23964315	25280684	5.465	4.404
9) A Endosulfan I	6.096	5.233	19828731	27175721	4.933	4.572
10) B gamma-Chl...	5.967	5.112	20791804	27168977	4.780	4.511m
11) B alpha-Chl...	6.048	5.176	21005610	28276026	4.861	4.585m
12) B 4,4'-DDE	6.219	5.366	18405333	26849400	4.603	4.564
13) MA Dieldrin	6.369	5.499	20808997	26274255	4.829	4.429
14) MA Endrin	6.597	5.775	16321100	24800277	4.580	4.538
15) B Endosulfa...	6.809	6.065	21674096	25268513	5.476m	4.726m
16) A 4,4'-DDD	6.730	5.920	15859688	23163688	4.820	4.812
17) MA 4,4'-DDT	7.046	6.174	14734830	22109557	4.507	4.027
18) B Endrin al...	6.940	6.244	14047546	22893876	5.359	5.476m
19) B Endosulfa...	7.174	6.470	17193108	24318810	5.090	4.749
20) A Methoxychlor	7.521	6.747	7998455	13591795	4.857	4.630
21) B Endrin ke...	7.655	6.976	18473636	28709057	5.116m	4.803
22) Mirex	8.139	7.169	14700560	26206720	5.383	5.481

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
Data File : PL096167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 17:43
Operator : AR\AJ
Sample : Q2126-08
Misc : PEST LOQ 5PPB WATER
ALS Vial : 12 Sample Multiplier: 1

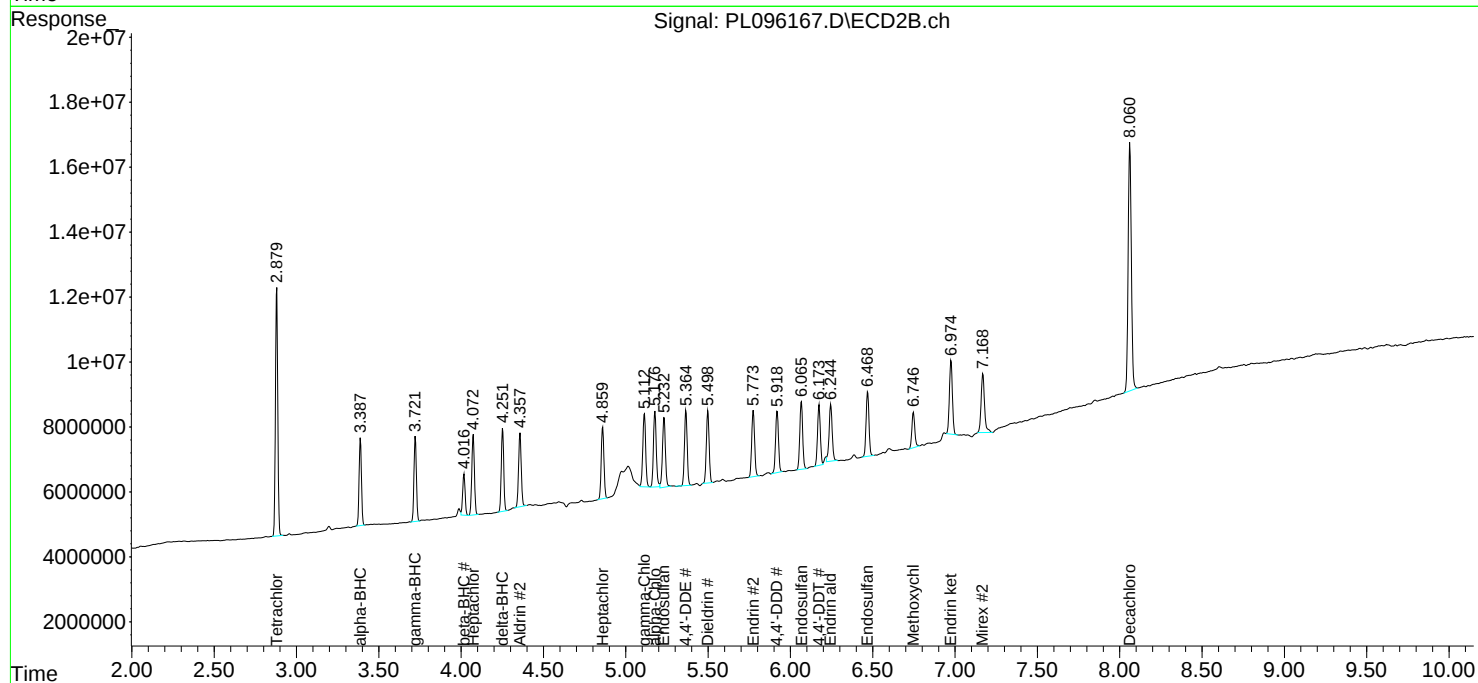
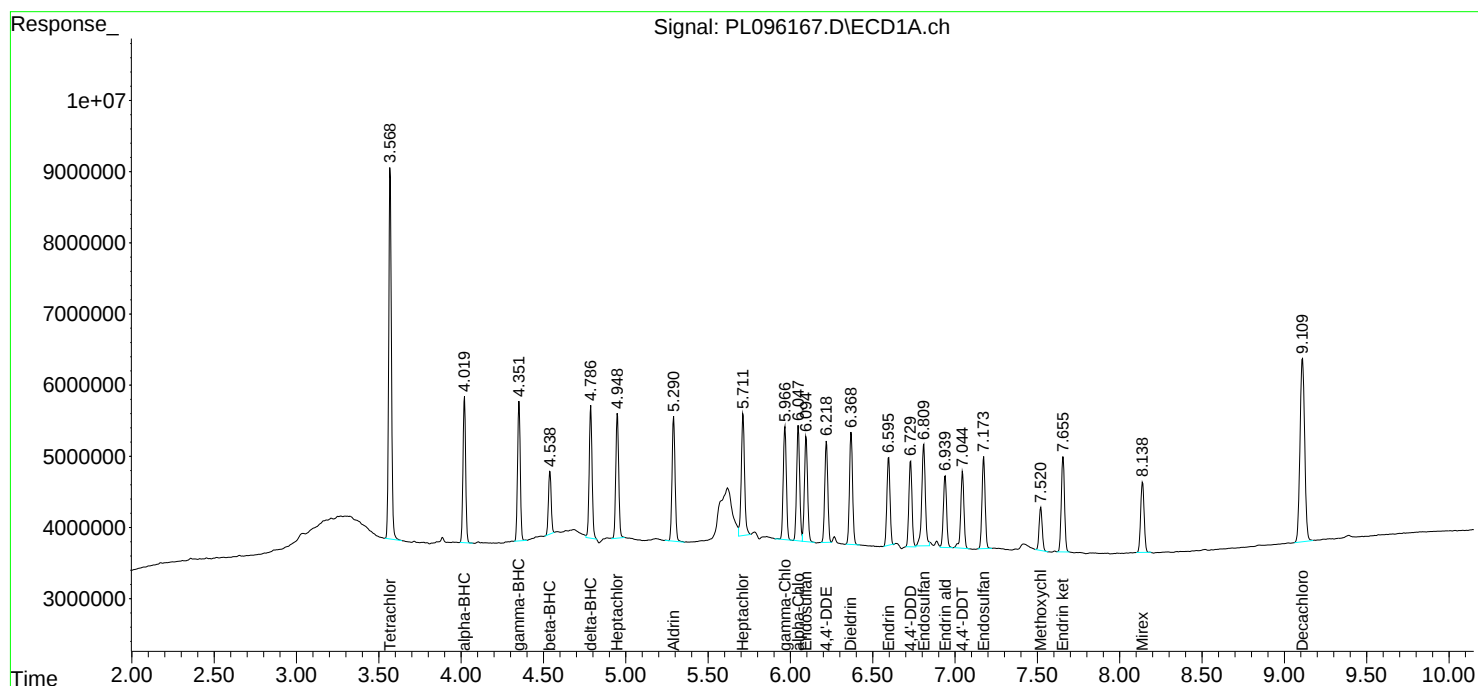
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

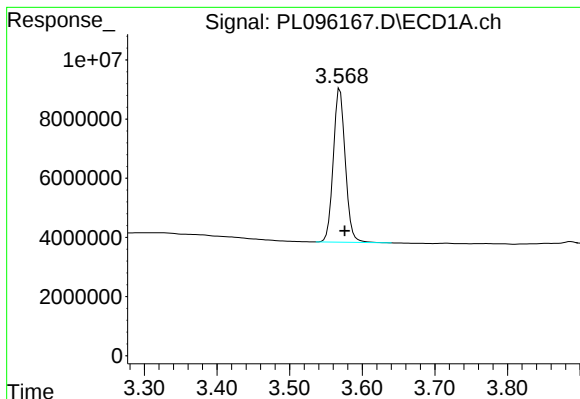
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 04:28:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Tue Jun 24 16:08:38 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





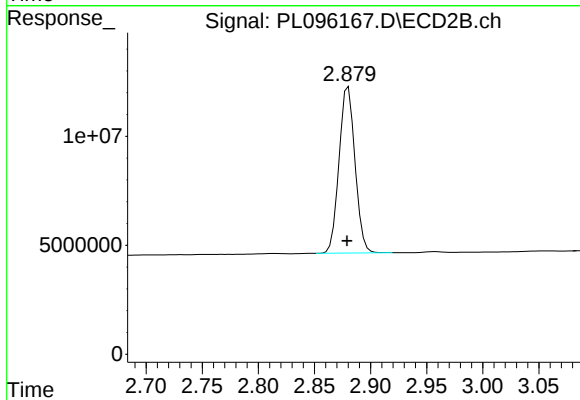
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.007 min
Response: 59577021
Conc: 17.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

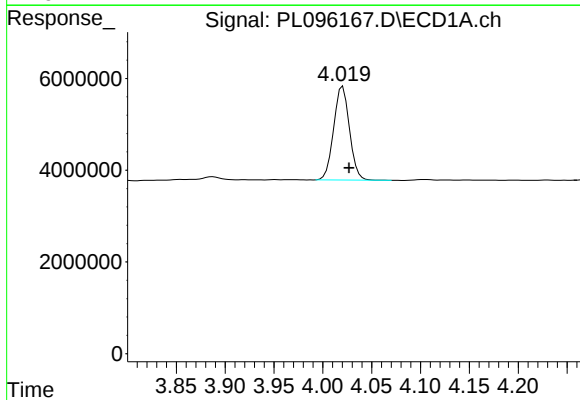
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



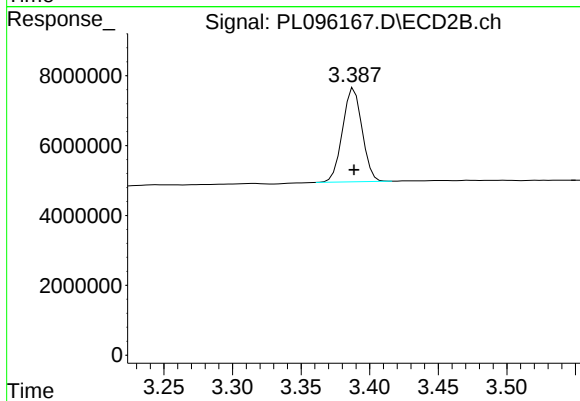
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.001 min
Response: 75624531
Conc: 17.24 ng/ml



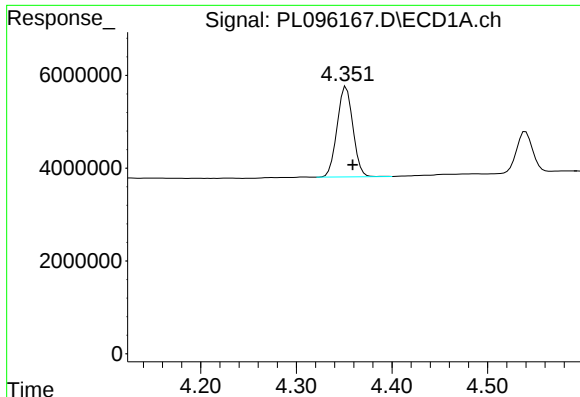
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.007 min
Response: 23016557
Conc: 4.30 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 26650582
Conc: 4.03 ng/ml



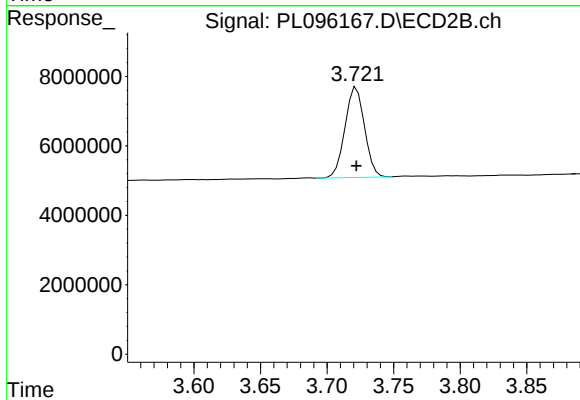
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: -0.007 min
Response: 22389437
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

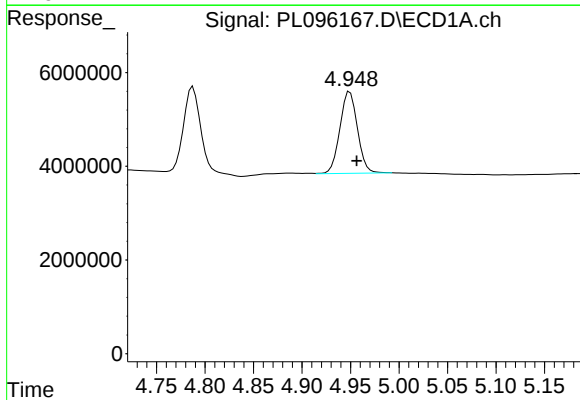
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



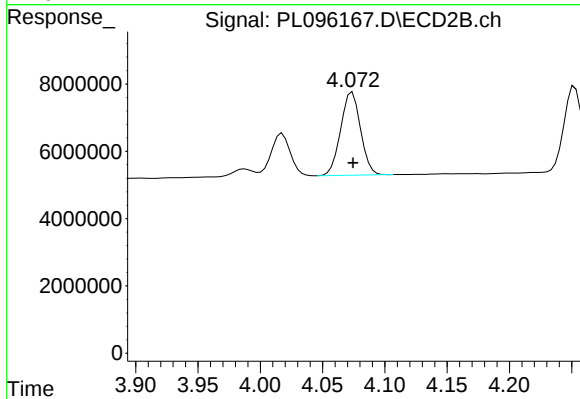
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 26528982
Conc: 4.22 ng/ml



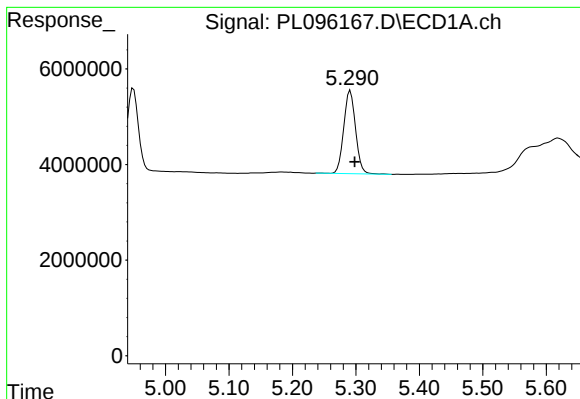
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: -0.008 min
Response: 21929290
Conc: 4.78 ng/ml m



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 27524967
Conc: 4.36 ng/ml



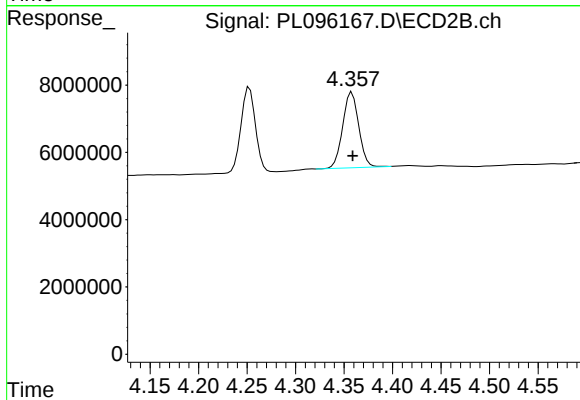
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: -0.007 min
Response: 22544441
Conc: 4.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

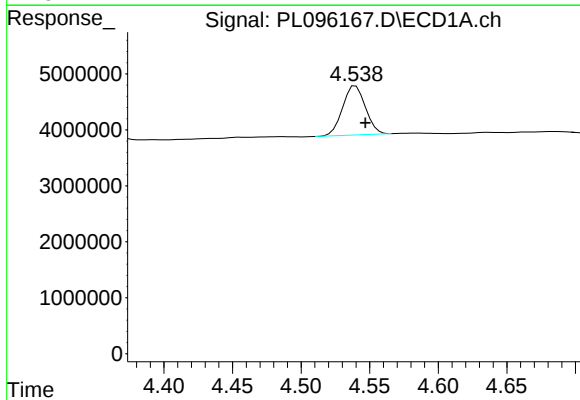
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



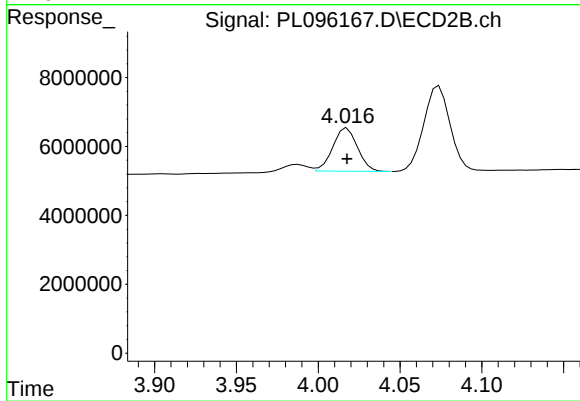
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 25841257
Conc: 4.37 ng/ml



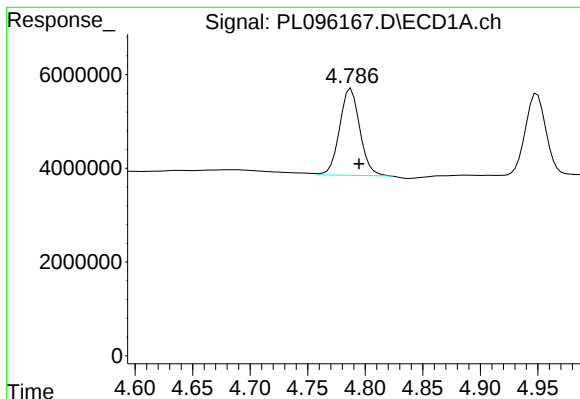
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: -0.007 min
Response: 10168611
Conc: 4.75 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 13121293
Conc: 4.76 ng/ml m



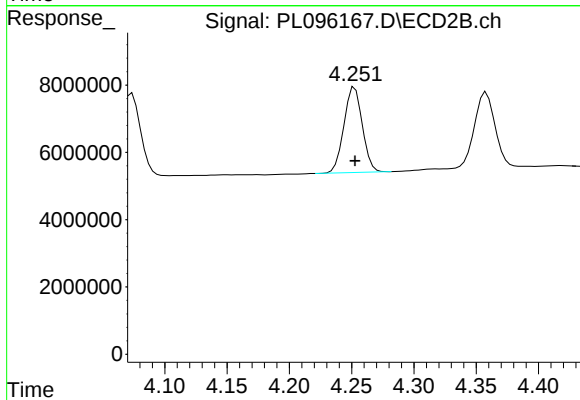
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 22731882
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

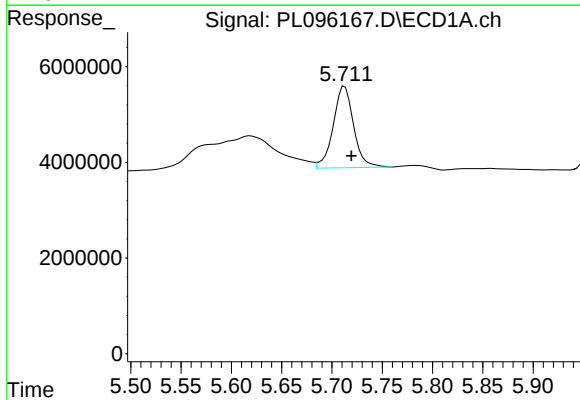
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



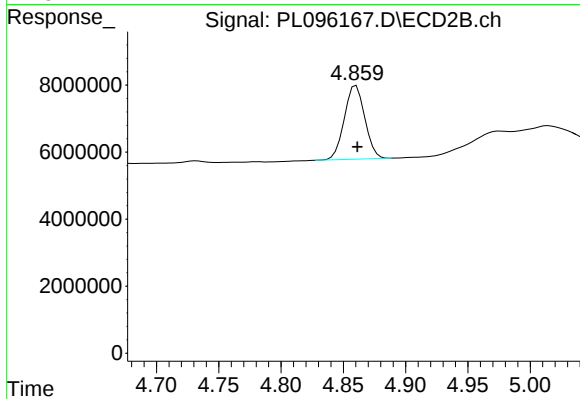
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 26156463
Conc: 4.16 ng/ml



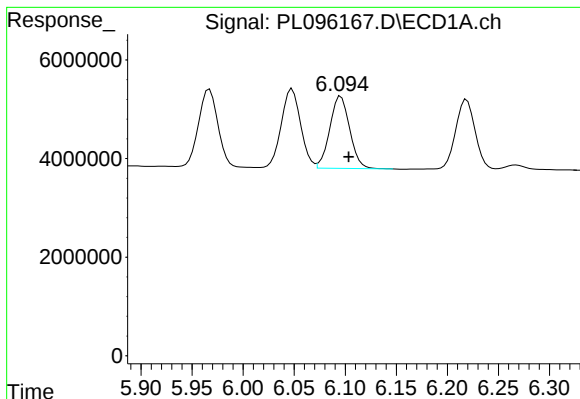
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: -0.007 min
Response: 23964315
Conc: 5.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 25280684
Conc: 4.40 ng/ml



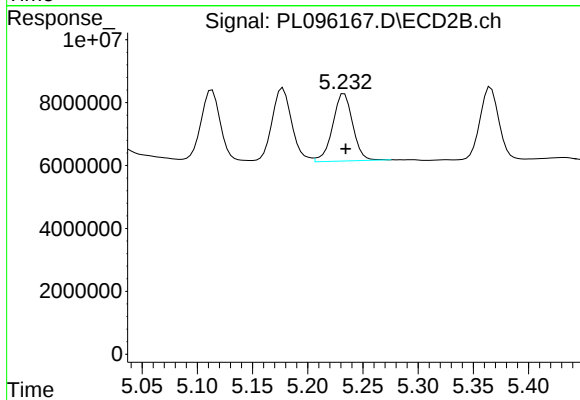
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: -0.008 min
Response: 19828731
Conc: 4.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

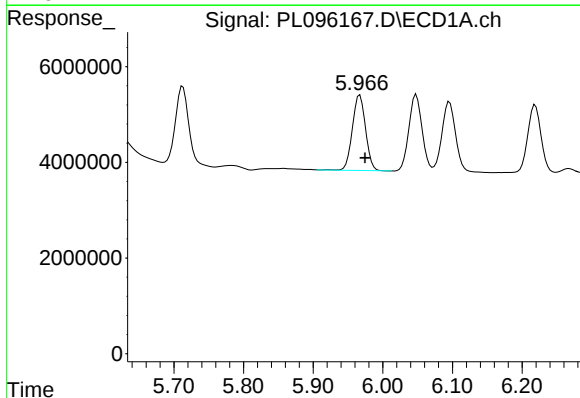
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



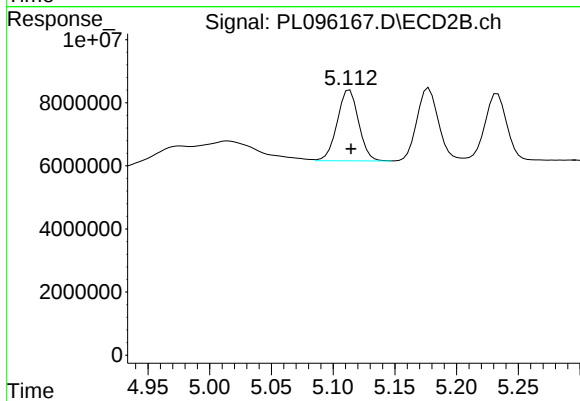
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.001 min
Response: 27175721
Conc: 4.57 ng/ml



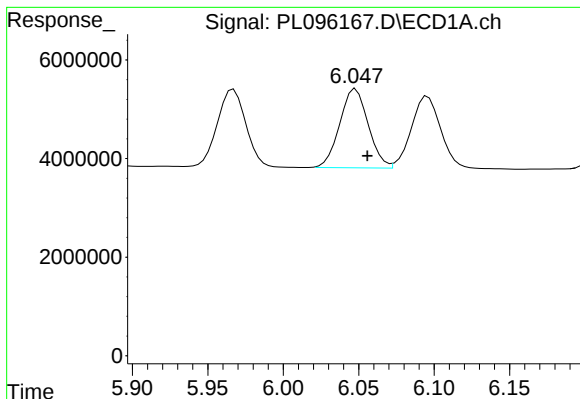
#10 gamma-Chlordane

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 20791804
Conc: 4.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 27168977
Conc: 4.51 ng/ml m



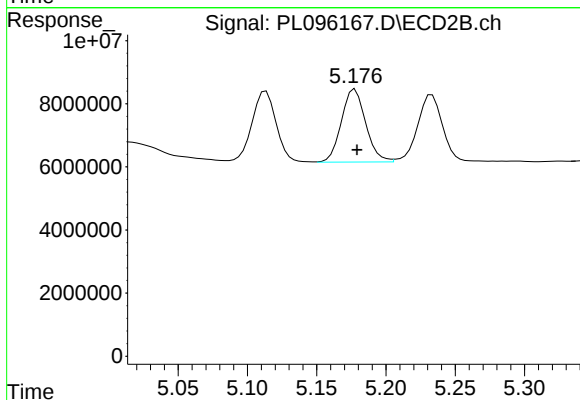
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 21005610
Conc: 4.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

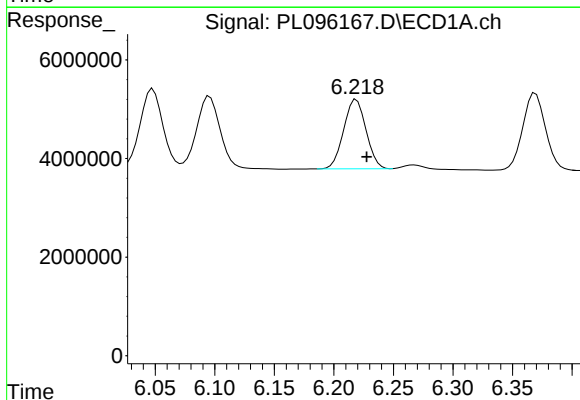
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



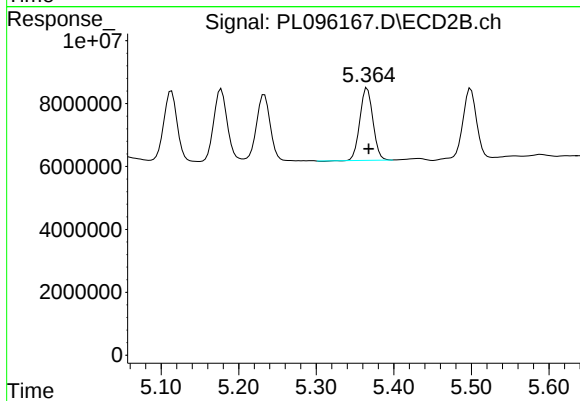
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 28276026
Conc: 4.59 ng/ml m



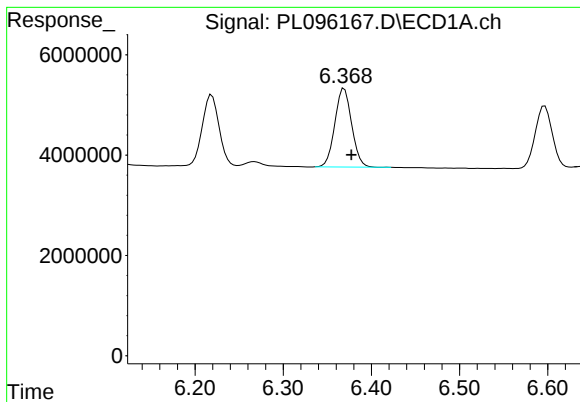
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 18405333
Conc: 4.60 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 26849400
Conc: 4.56 ng/ml



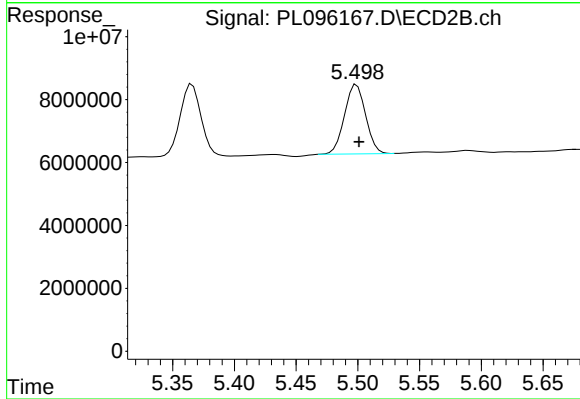
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: -0.008 min
Response: 20808997
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

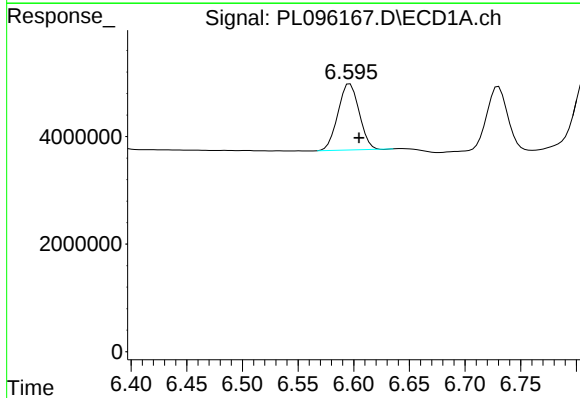
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



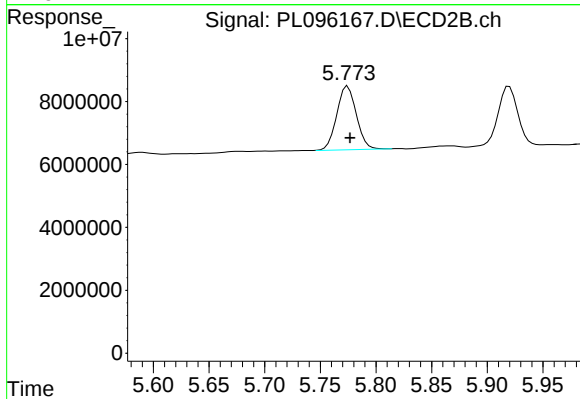
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 26274255
Conc: 4.43 ng/ml



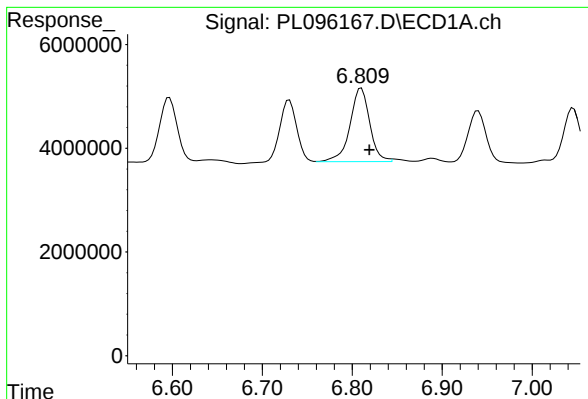
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.008 min
Response: 16321100
Conc: 4.58 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 24800277
Conc: 4.54 ng/ml



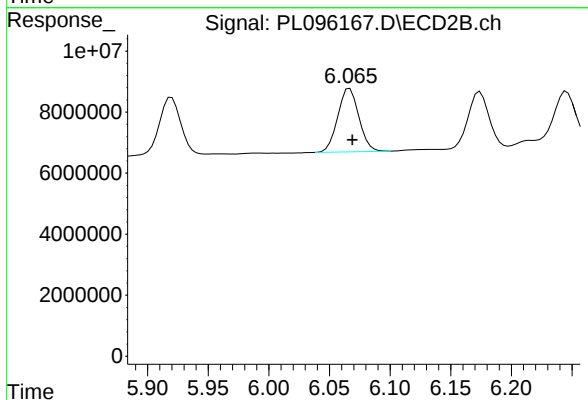
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 21674096
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

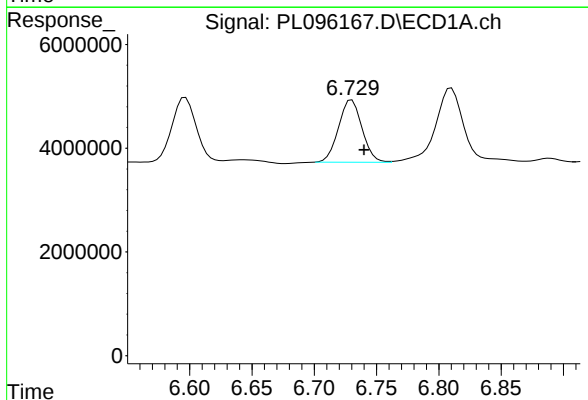
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



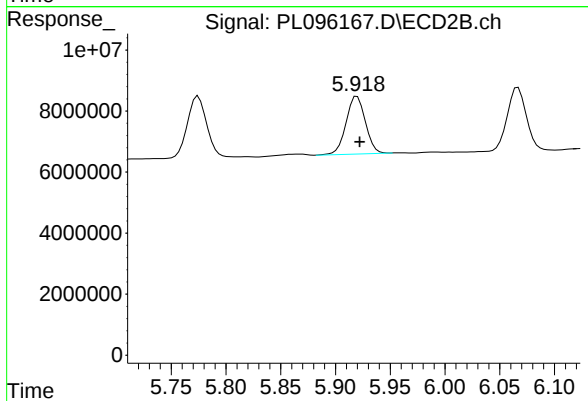
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 25268513
Conc: 4.73 ng/ml m



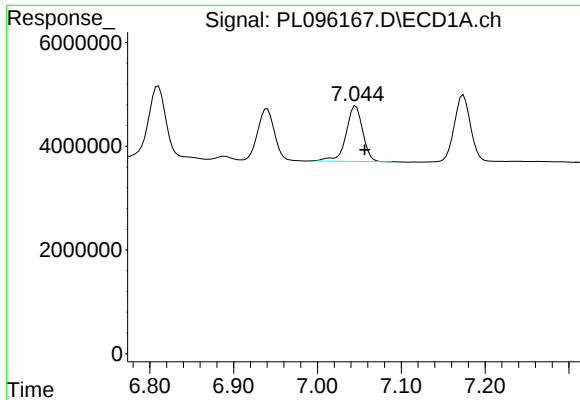
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.010 min
Response: 15859688
Conc: 4.82 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 23163688
Conc: 4.81 ng/ml



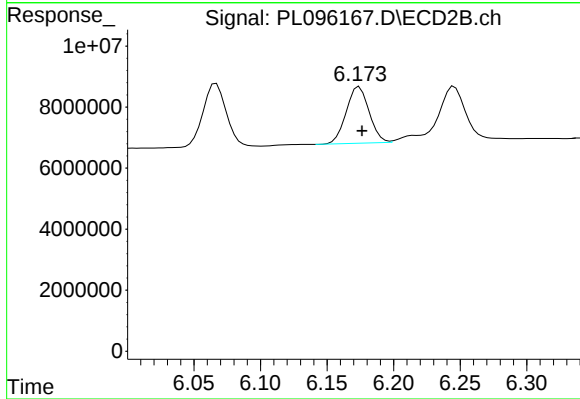
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.011 min
Response: 14734830
Conc: 4.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

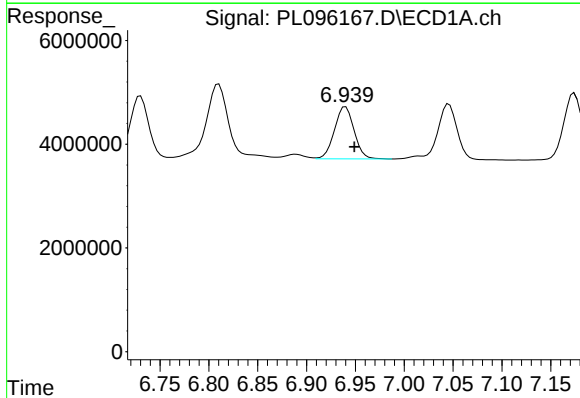
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



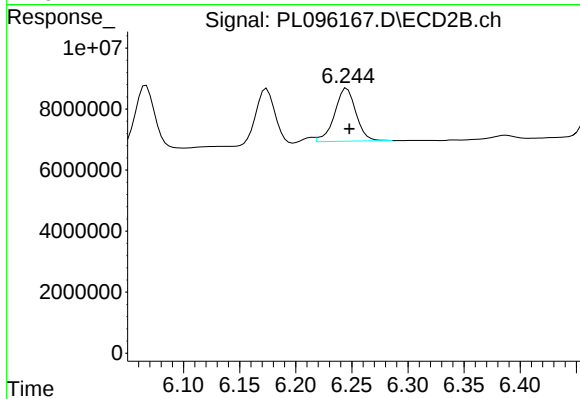
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 22109557
Conc: 4.03 ng/ml



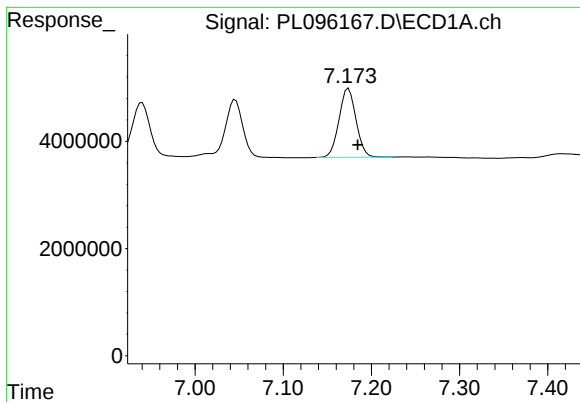
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.009 min
Response: 14047546
Conc: 5.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 22893876
Conc: 5.48 ng/ml m



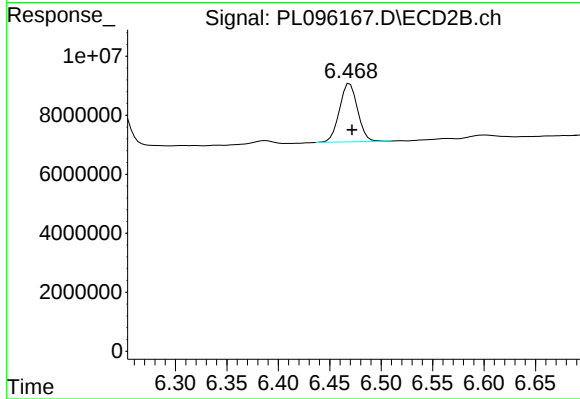
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 17193108
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

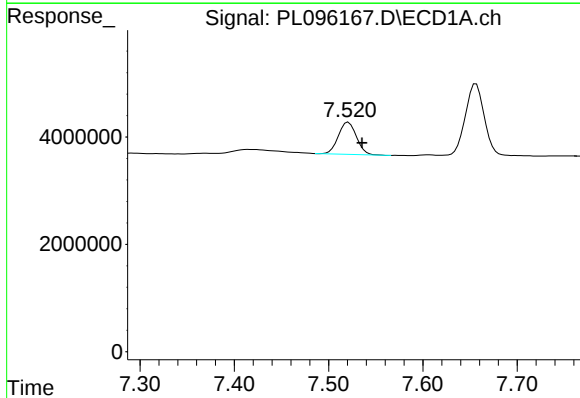
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



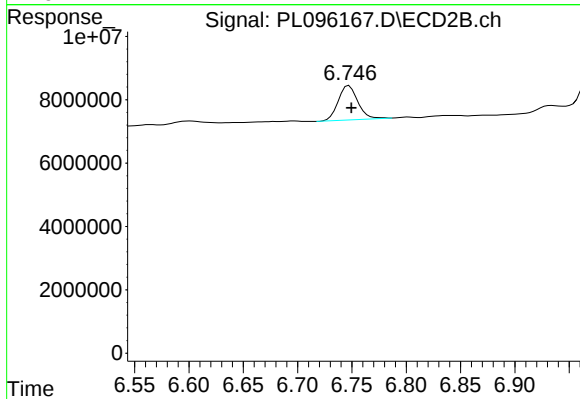
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 24318810
Conc: 4.75 ng/ml



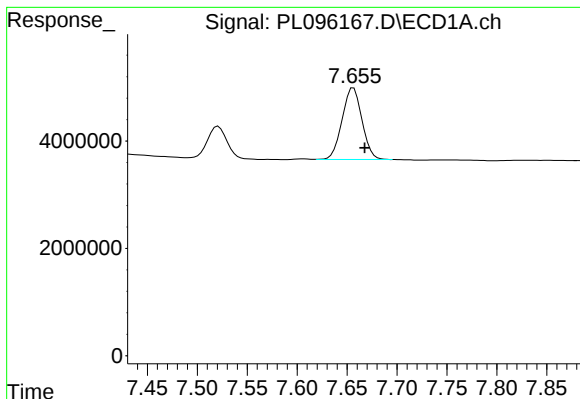
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.014 min
Response: 7998455
Conc: 4.86 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 13591795
Conc: 4.63 ng/ml



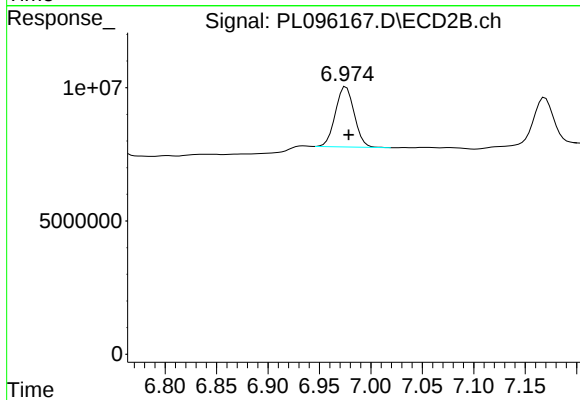
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.012 min
Response: 18473636
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

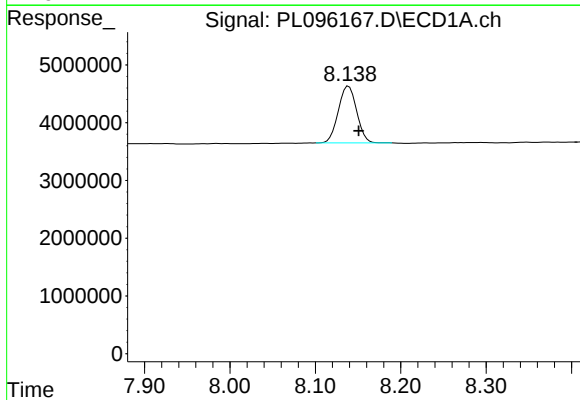
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



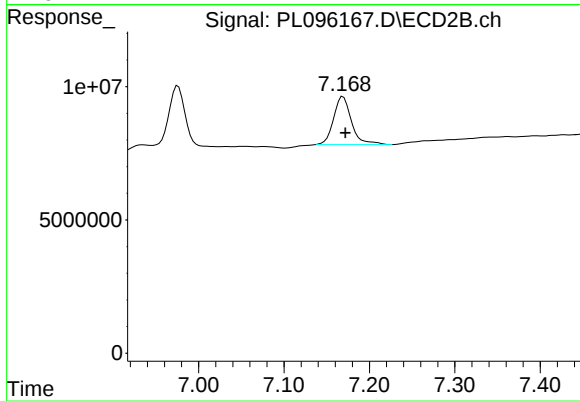
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 28709057
Conc: 4.80 ng/ml



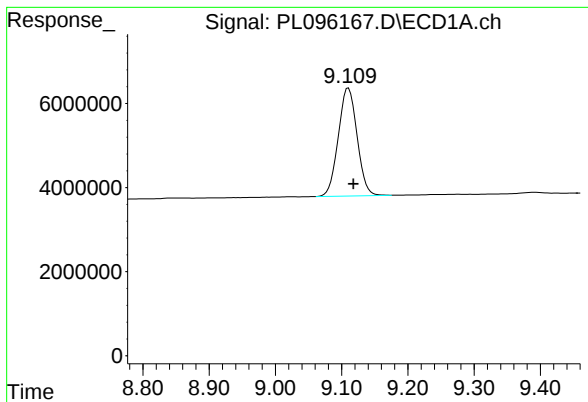
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.012 min
Response: 14700560
Conc: 5.38 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 26206720
Conc: 5.48 ng/ml



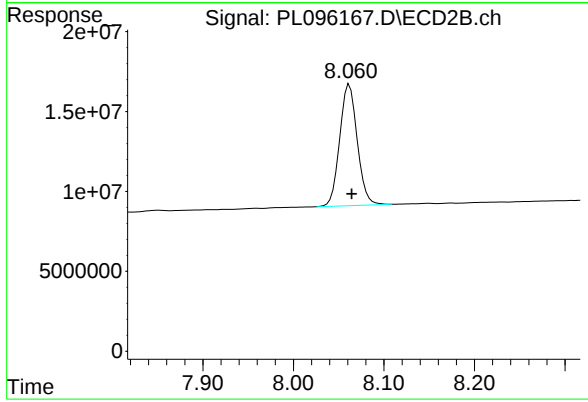
#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 50733856
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 102089813
Conc: 18.97 ng/ml