

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
 Data File : PL096371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 15:16
 Operator : AR\AJ
 Sample : Q2600-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:37:35 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	2.828	52509309	62799228	14.390m	10.881
28)	SA Decachlor...	9.017	7.992	36704126	42938136	13.048	8.611 #
Target Compounds							
2)	A alpha-BHC	3.983	3.333	217.8E6	243.1E6	42.346	28.817 #
3)	MA gamma-BHC...	4.312	3.665	200.2E6	217.8E6	40.198	27.657 #
4)	MA Heptachlor	4.904	4.014	185.8E6	206.6E6	40.560	27.162 #
5)	MB Aldrin	5.244	4.297	177.8E6	189.7E6	36.778	25.999 #
6)	B beta-BHC	4.498	3.961	81988979	89779788	39.441	26.221 #
7)	B delta-BHC	4.744	4.194	184.3E6	203.9E6	41.131	26.480 #
8)	B Heptachlo...	5.664	4.799	165.4E6	170.5E6	39.871	25.500 #
9)	A Endosulfan I	6.045	5.171	148.6E6	153.4E6	36.806	21.386 #
10)	B gamma-Chl...	5.917	5.051	163.0E6	174.9E6	36.842	24.911 #
11)	B alpha-Chl...	5.998	5.115	158.7E6	166.2E6	36.243	22.101 #
12)	B 4,4'-DDE	6.167	5.304	133.3E6	155.6E6	35.956	24.070 #
13)	MA Dieldrin	6.317	5.435	151.3E6	165.2E6	35.780	24.219 #
14)	MA Endrin	6.543	5.709	121.1E6	140.6E6	38.923	23.065 #
15)	B Endosulfa...	6.756	6.001	127.4E6	144.2E6	36.728	24.587 #
16)	A 4,4'-DDD	6.676	5.857	127.8E6	129.7E6	43.875	25.289 #
17)	MA 4,4'-DDT	6.990	6.109	105.7E6	134.3E6	34.837	23.416 #
18)	B Endrin al...	6.885	6.179	97469388	113.1E6	43.600	25.379 #
19)	B Endosulfa...	7.118	6.402	122.0E6	139.5E6	39.883	24.795 #
20)	A Methoxychlor	7.463	6.682	62420232	71069344	39.622	23.395 #
21)	B Endrin ke...	7.598	6.906	135.7E6	153.6E6	41.113	24.564m#
22)	Mirex	8.077	7.098	114.8E6	118.5E6	41.269	23.861 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
Data File : PL096371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 15:16
Operator : AR\AJ
Sample : Q2600-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

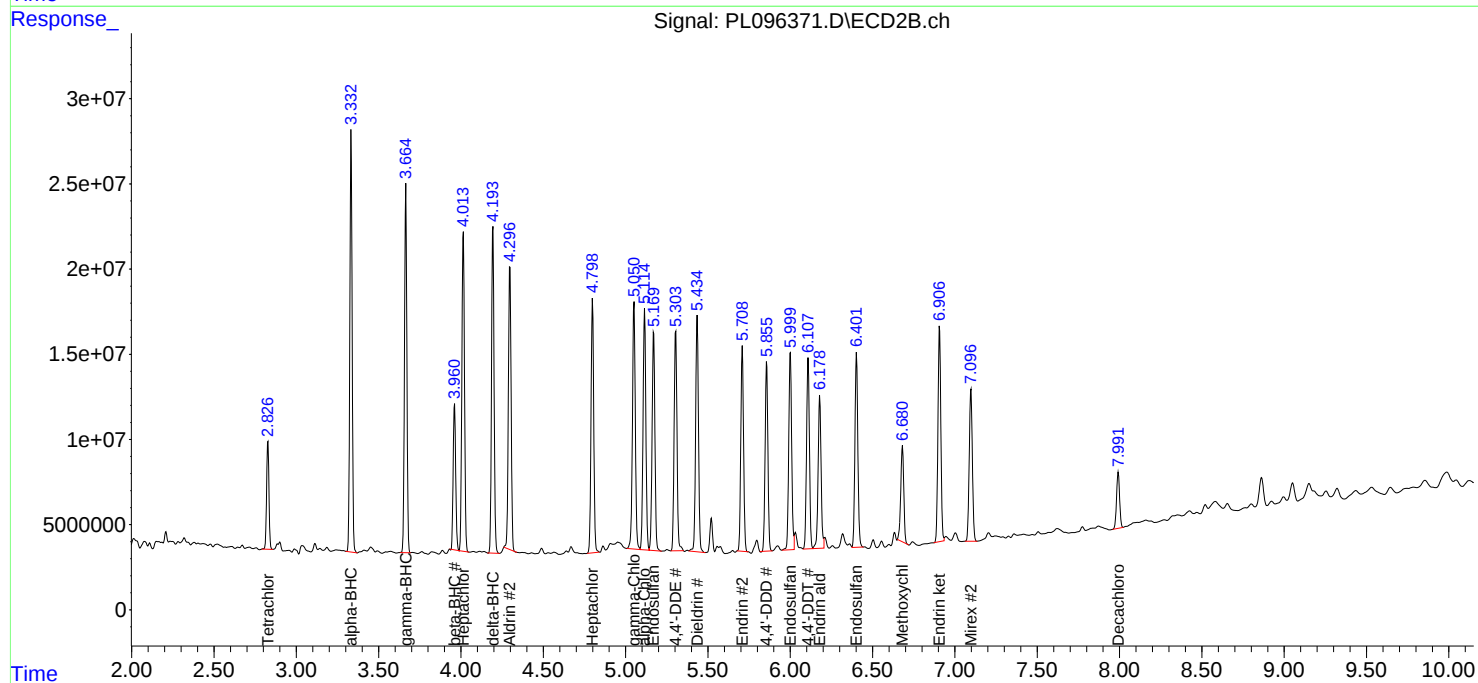
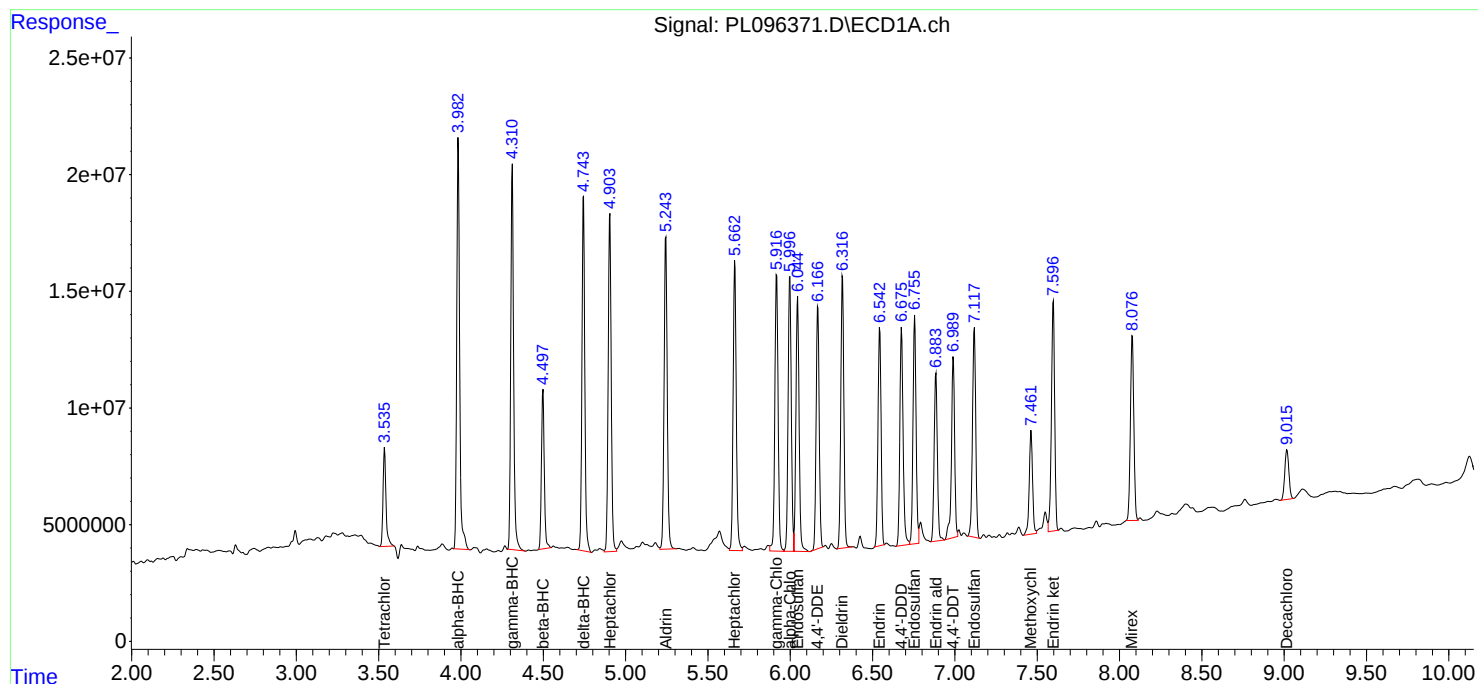
Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

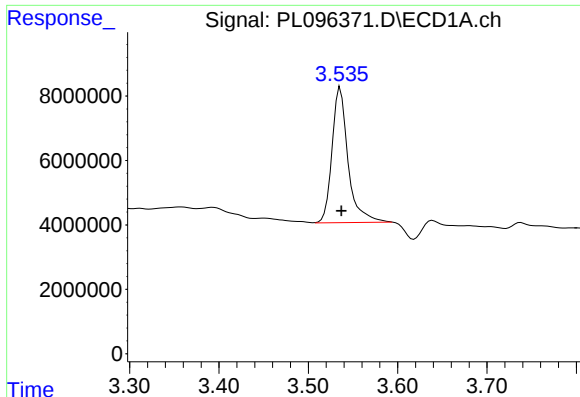
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:37:35 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





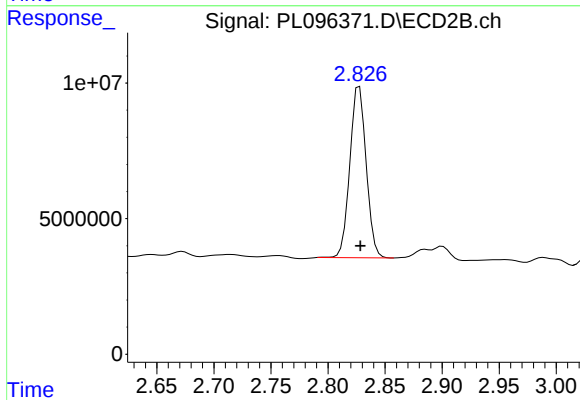
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 52509309
Conc: 14.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

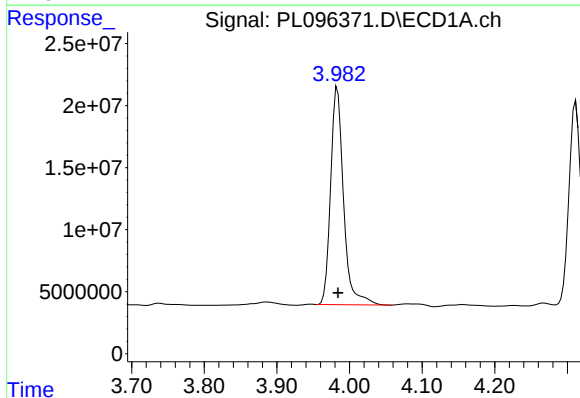
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



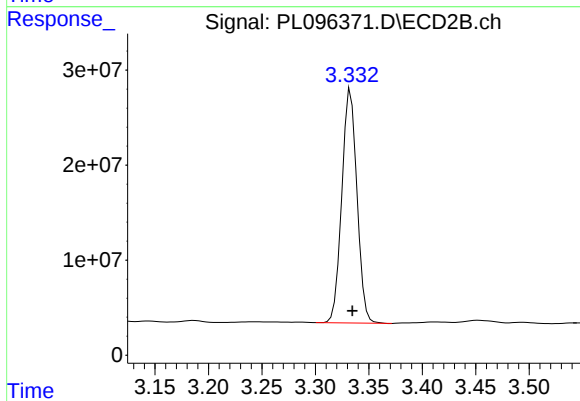
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 62799228
Conc: 10.88 ng/ml



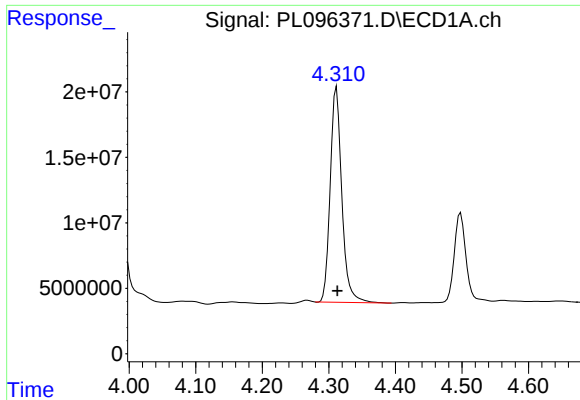
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 217793326
Conc: 42.35 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 243051663
Conc: 28.82 ng/ml



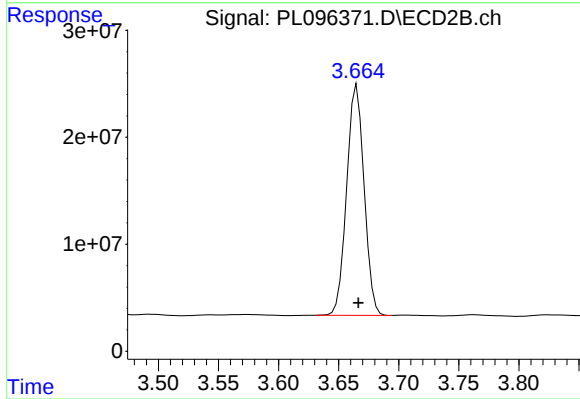
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 200171932
Conc: 40.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

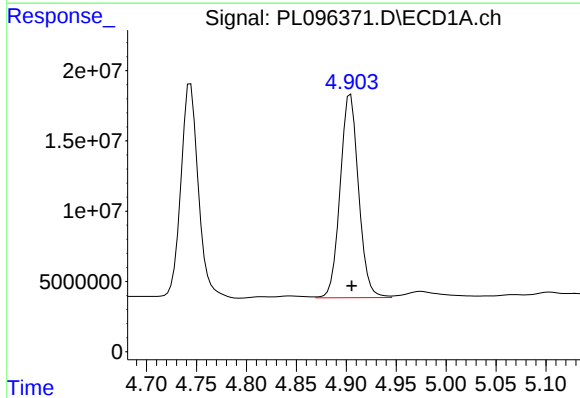
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



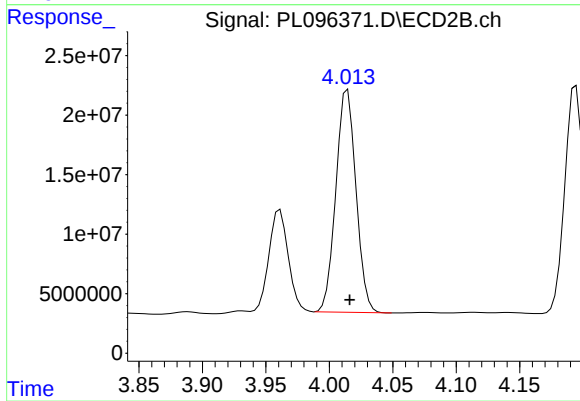
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 217824978
Conc: 27.66 ng/ml



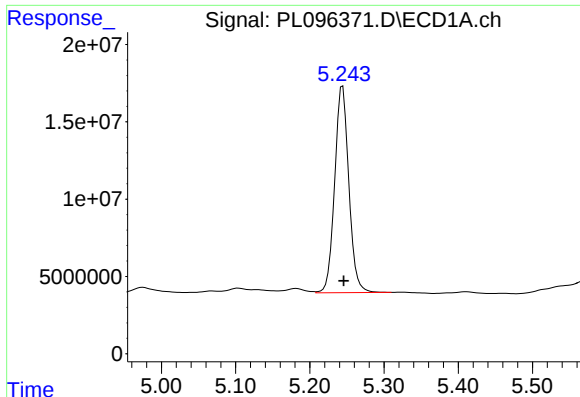
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 185813285
Conc: 40.56 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 206639925
Conc: 27.16 ng/ml



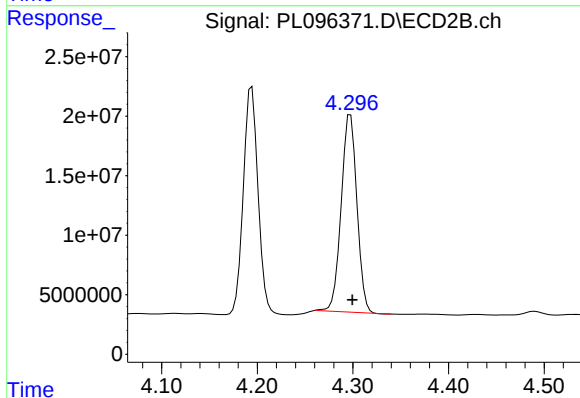
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 177776100
Conc: 36.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

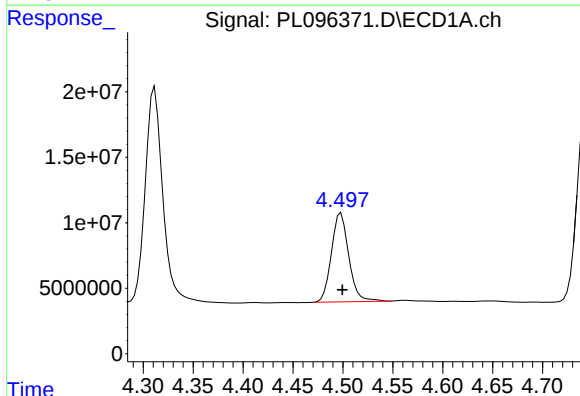
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



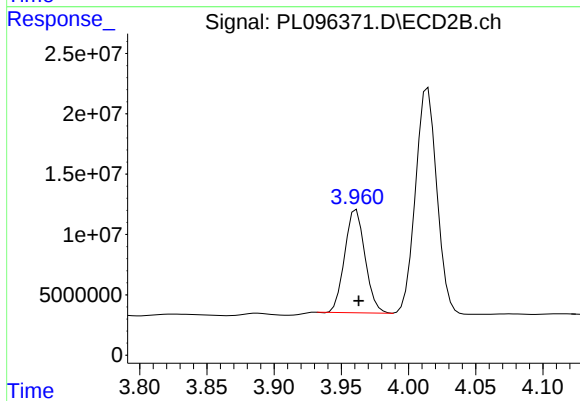
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 189681179
Conc: 26.00 ng/ml



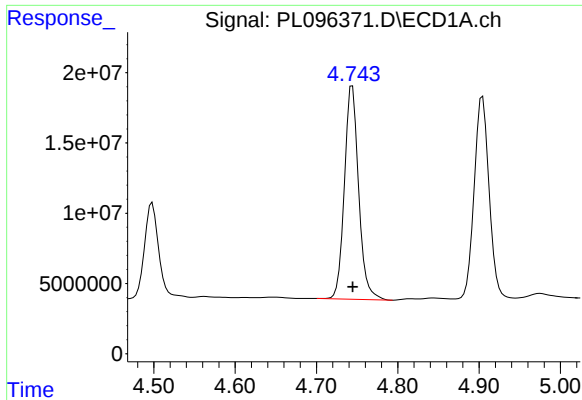
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 81988979
Conc: 39.44 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 89779788
Conc: 26.22 ng/ml



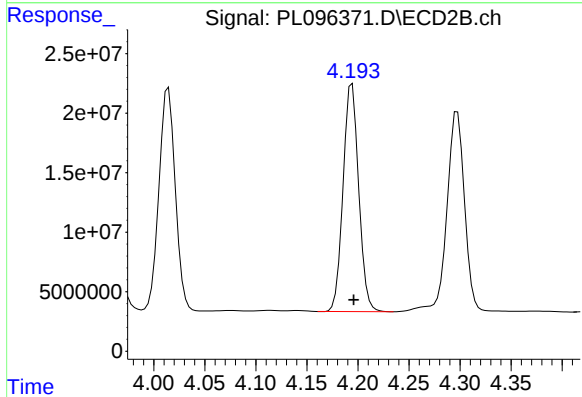
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 184323332
Conc: 41.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

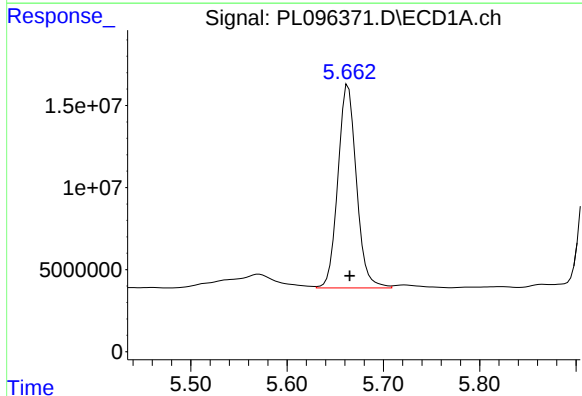
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



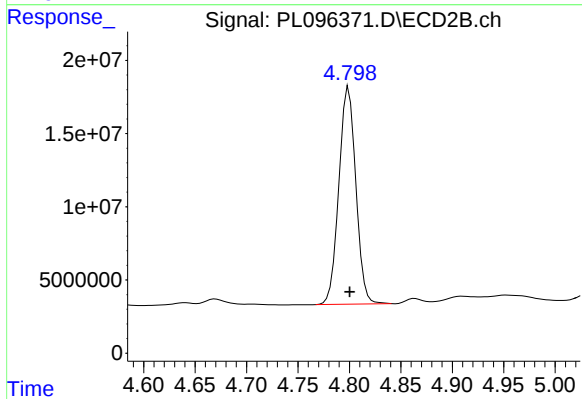
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 203948427
Conc: 26.48 ng/ml



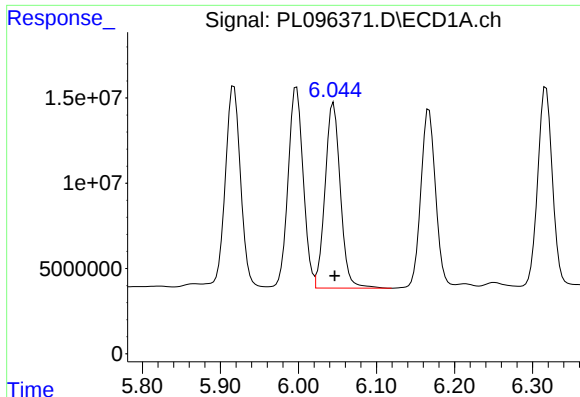
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 165430812
Conc: 39.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 170467426
Conc: 25.50 ng/ml



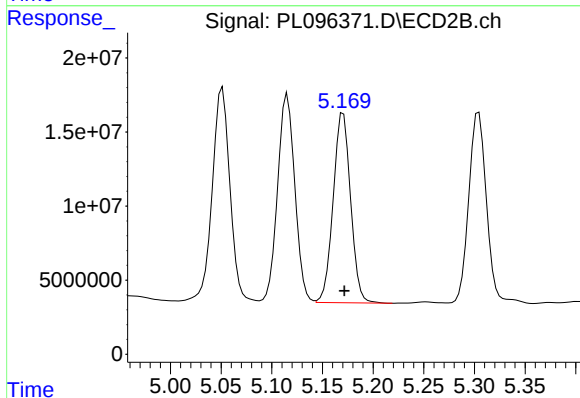
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 148596006
Conc: 36.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

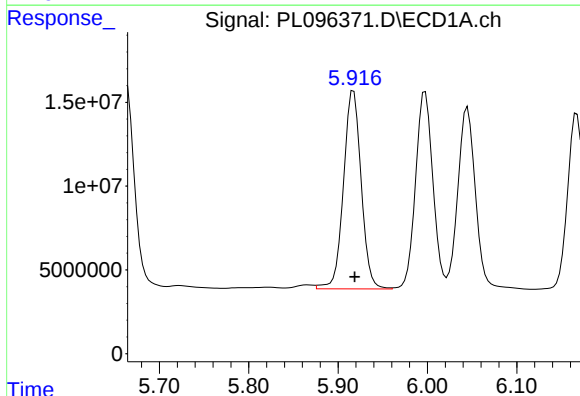
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



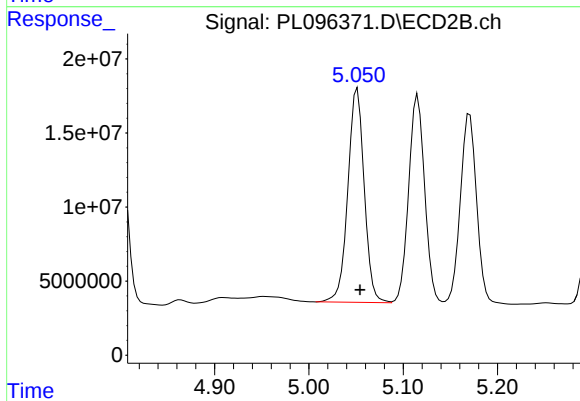
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 153425860
Conc: 21.39 ng/ml



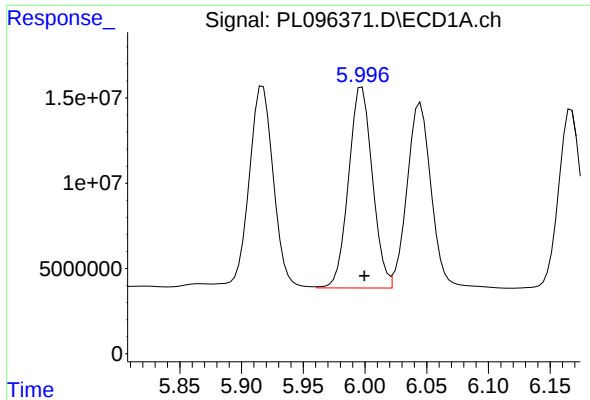
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 163020319
Conc: 36.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 174864695
Conc: 24.91 ng/ml



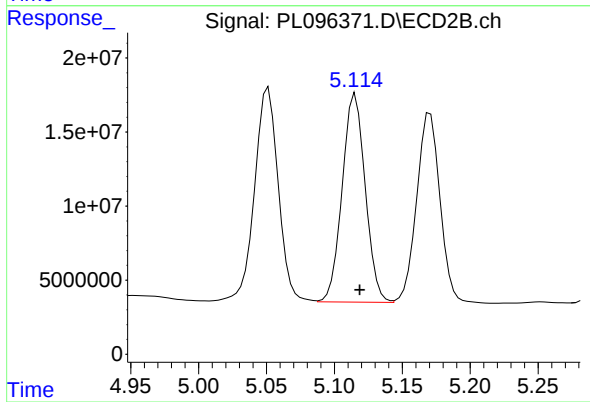
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 158700830
Conc: 36.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

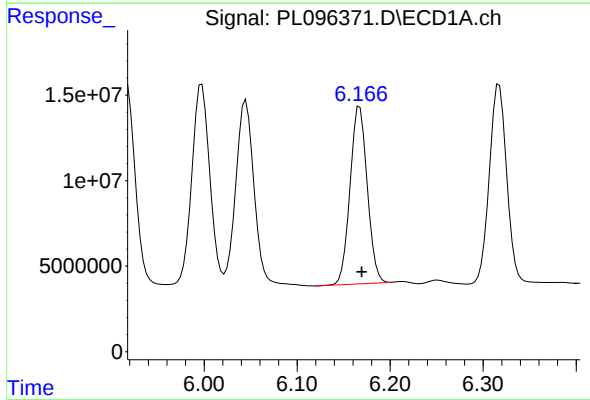
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



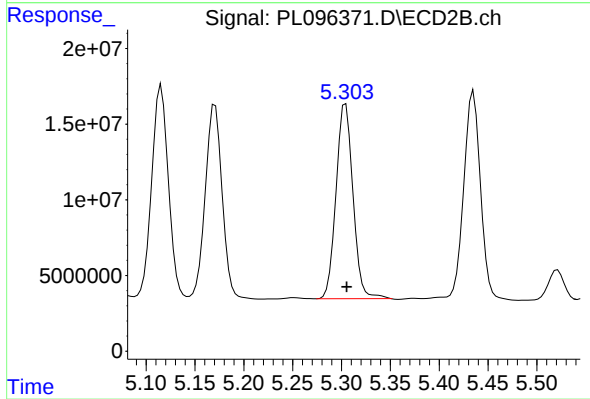
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 166207502
Conc: 22.10 ng/ml



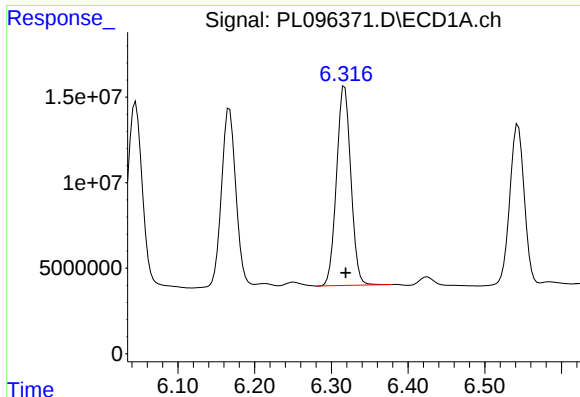
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 133307317
Conc: 35.96 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 155581068
Conc: 24.07 ng/ml



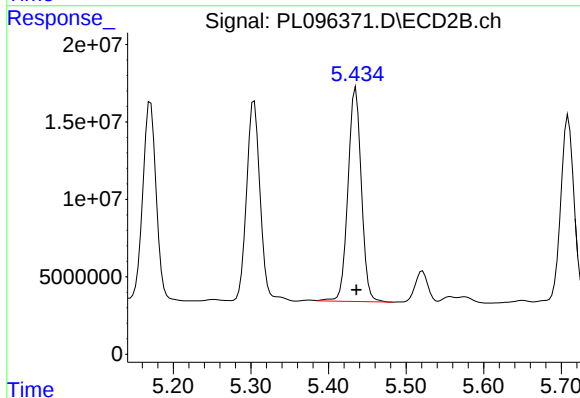
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 151293990
Conc: 35.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

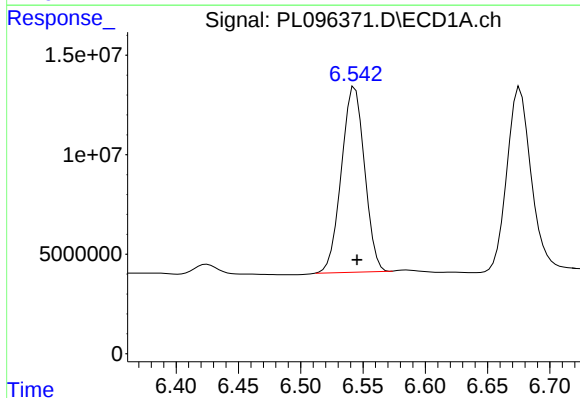
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



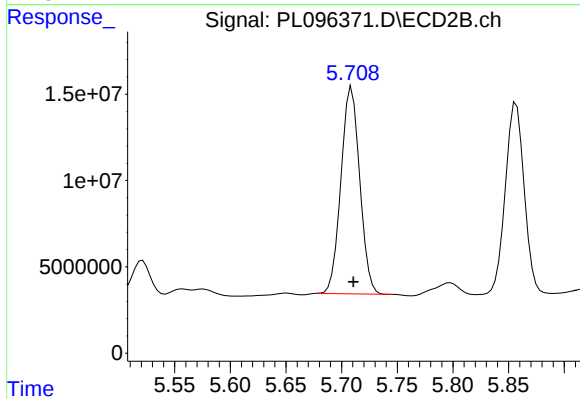
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 165155639
Conc: 24.22 ng/ml



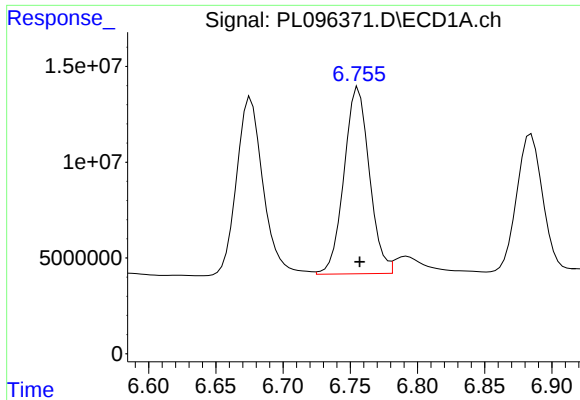
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 121057734
Conc: 38.92 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 140615342
Conc: 23.06 ng/ml



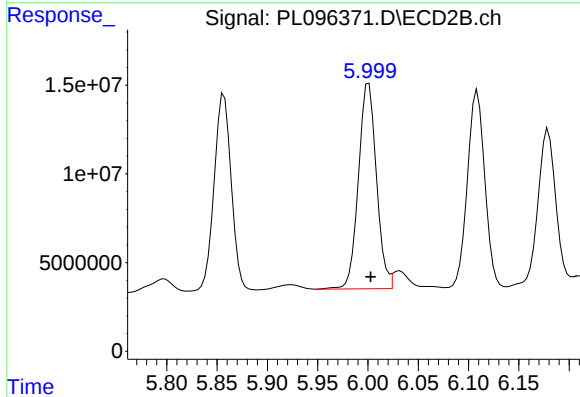
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 127446357
Conc: 36.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

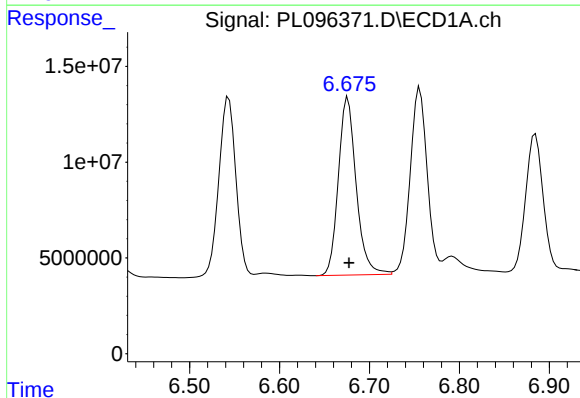
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



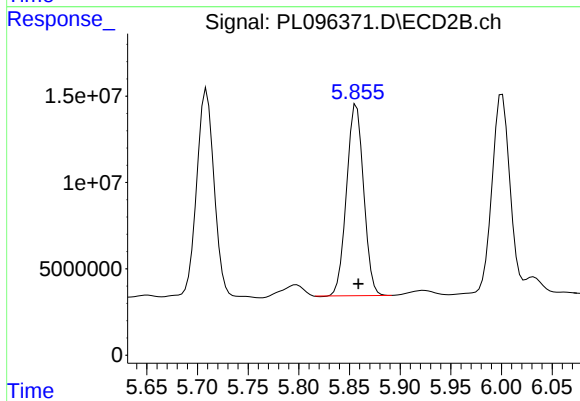
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 144173071
Conc: 24.59 ng/ml



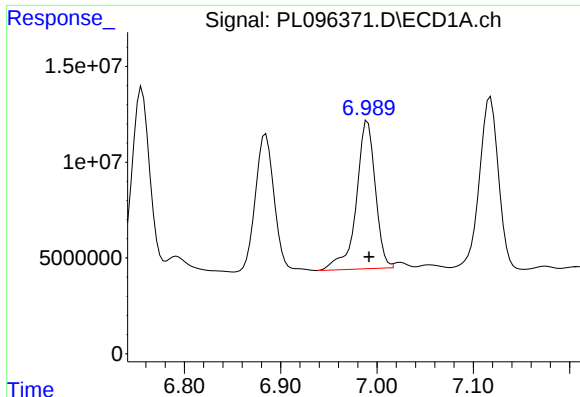
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 127751191
Conc: 43.88 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 129701423
Conc: 25.29 ng/ml



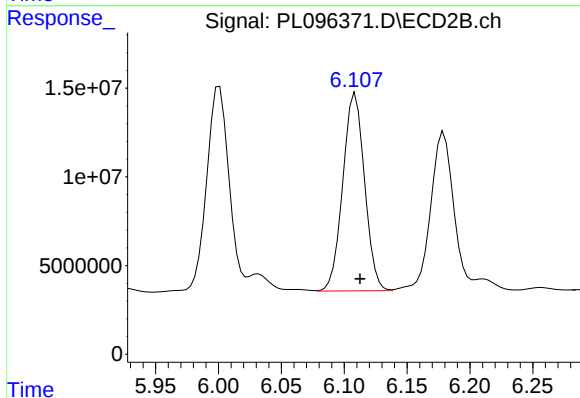
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 105737128
Conc: 34.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

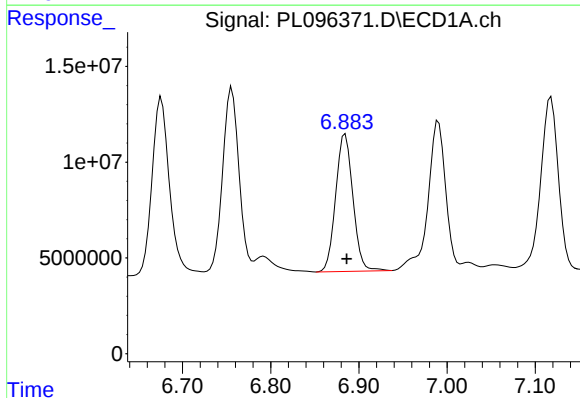
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



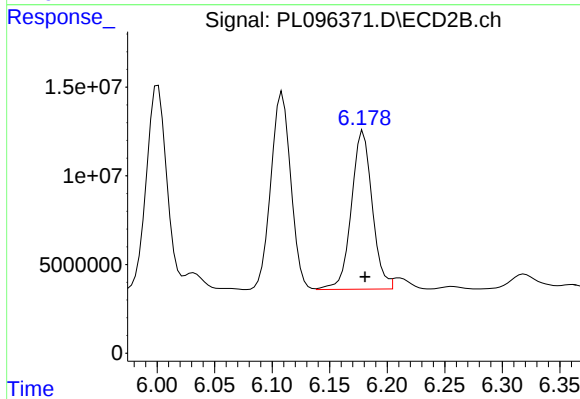
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 134294562
Conc: 23.42 ng/ml



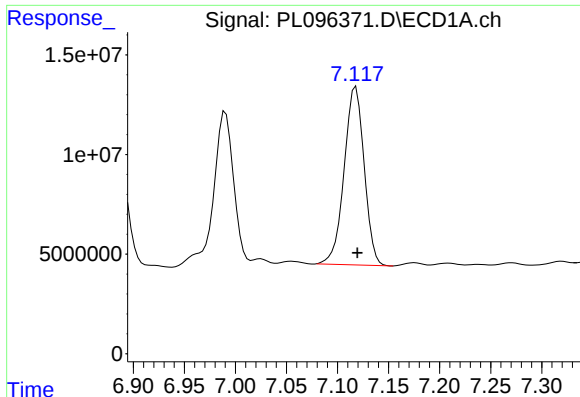
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 97469388
Conc: 43.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 113052307
Conc: 25.38 ng/ml



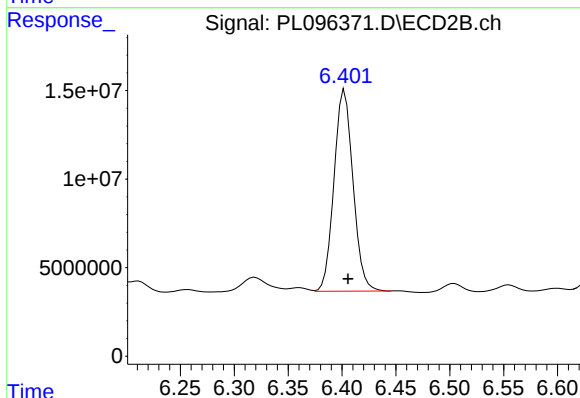
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 121995042
Conc: 39.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

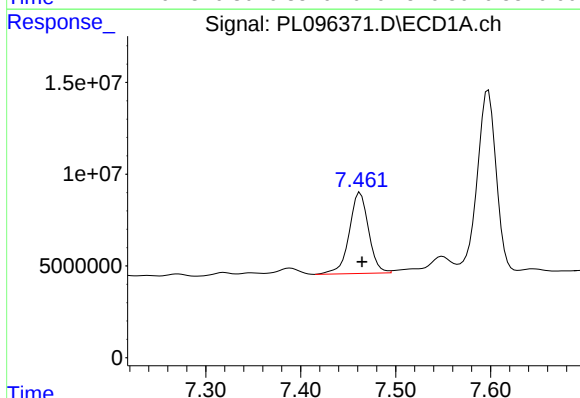
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



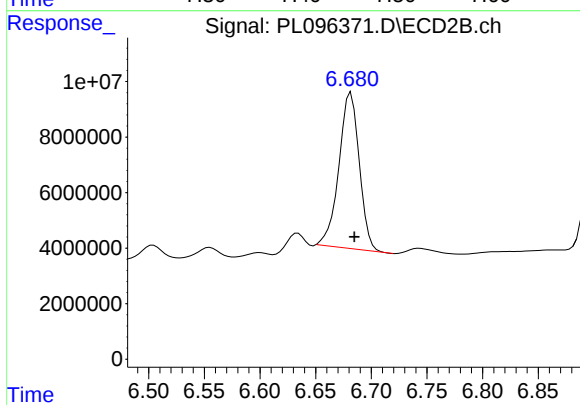
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 139458513
Conc: 24.80 ng/ml



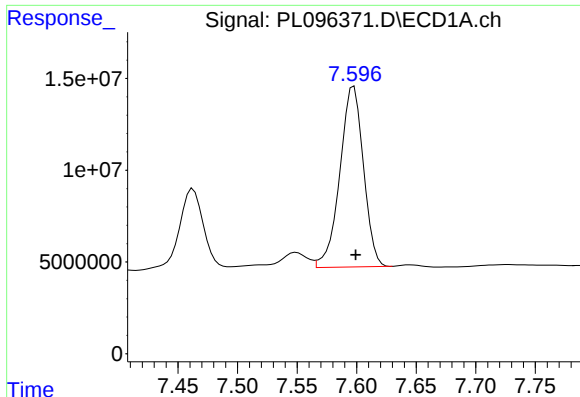
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 62420232
Conc: 39.62 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 71069344
Conc: 23.40 ng/ml



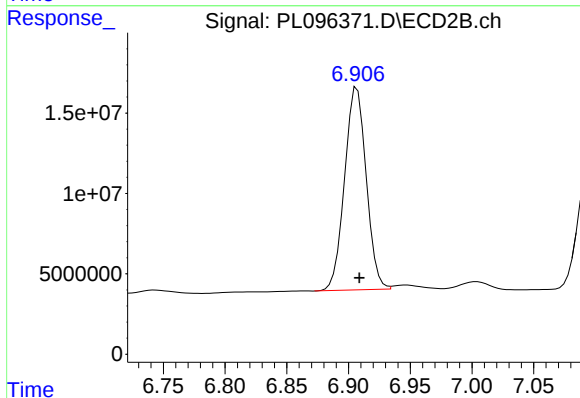
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 135741490
Conc: 41.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

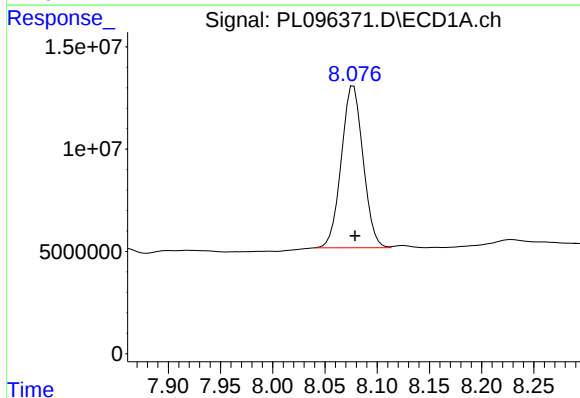
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



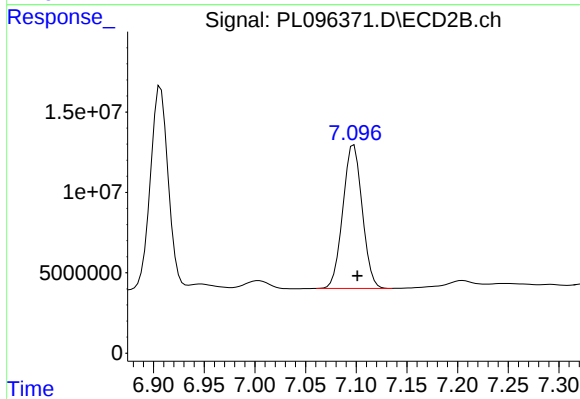
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 153578684
Conc: 24.56 ng/ml m



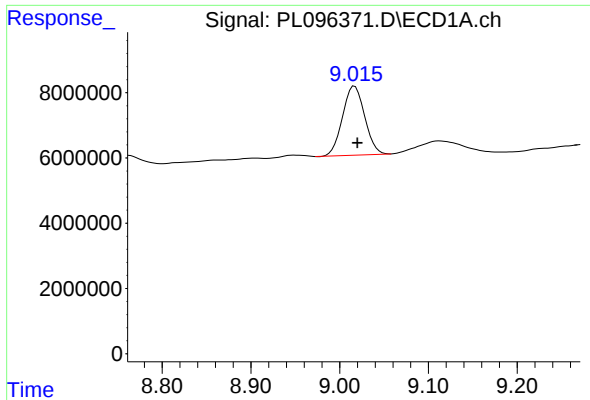
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 114818490
Conc: 41.27 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 118543807
Conc: 23.86 ng/ml



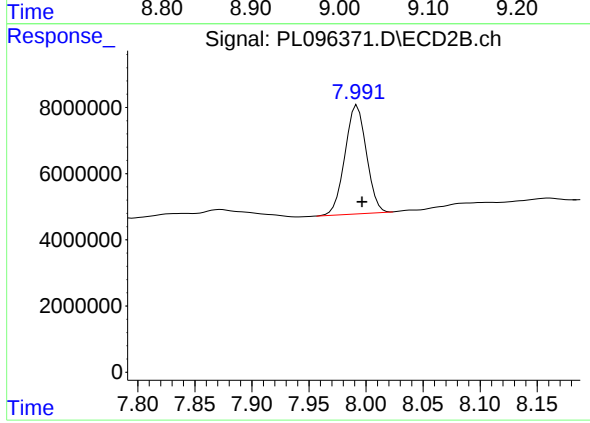
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 36704126
Conc: 13.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 42938136
Conc: 8.61 ng/ml