

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
 Data File : PL094733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 13:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/20/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 02:01:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.540	2.770	135.3E6	185.6E6	47.797	52.005
28)	SA Decachlor...	9.055	7.904	106.8E6	188.9E6	50.689	46.765
Target Compounds							
2)	A alpha-BHC	3.996	3.272	197.0E6	281.5E6	47.455	52.220
3)	MA gamma-BHC...	4.329	3.602	189.5E6	265.9E6	47.500	51.734
4)	MA Heptachlor	4.916	3.939	175.3E6	257.9E6	45.173	48.948
5)	MB Aldrin	5.258	4.219	170.5E6	248.3E6	46.173	50.927
6)	B beta-BHC	4.528	3.902	87088384	116.5E6	47.197	52.450
7)	B delta-BHC	4.774	4.131	190.1E6	265.4E6	48.806	53.066
8)	B Heptachlo...	5.684	4.721	156.2E6	231.4E6	46.688	50.550
9)	A Endosulfan I	6.070	5.091	143.7E6	211.6E6	46.802	48.219
10)	B gamma-Chl...	5.940	4.972	158.1E6	245.5E6	46.921	50.842
11)	B alpha-Chl...	6.020	5.035	155.4E6	240.6E6	47.126	50.418
12)	B 4,4'-DDE	6.193	5.223	149.8E6	243.7E6	50.927	52.423m
13)	MA Dieldrin	6.345	5.354	150.5E6	244.5E6	47.058	50.402m
14)	MA Endrin	6.574	5.630	122.8E6	215.0E6	44.287m	49.281m
15)	B Endosulfa...	6.795	5.926	130.1E6	218.6E6	47.935	50.508
16)	A 4,4'-DDD	6.711	5.779	118.2E6	201.8E6	54.568	56.133
17)	MA 4,4'-DDT	7.025	6.029	112.5E6	198.1E6	47.283	49.138
18)	B Endrin al...	6.925	6.105	97526037	161.1E6	46.199	47.864
19)	B Endosulfa...	7.159	6.329	116.8E6	203.8E6	48.026	50.032
20)	A Methoxychlor	7.501	6.604	58382003	102.7E6	48.771	48.413
21)	B Endrin ke...	7.644	6.834	132.4E6	245.6E6	50.079	51.467
22)	Mirex	8.116	7.013	98001360	183.2E6	47.429	48.273

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
Data File : PL094733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 13:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

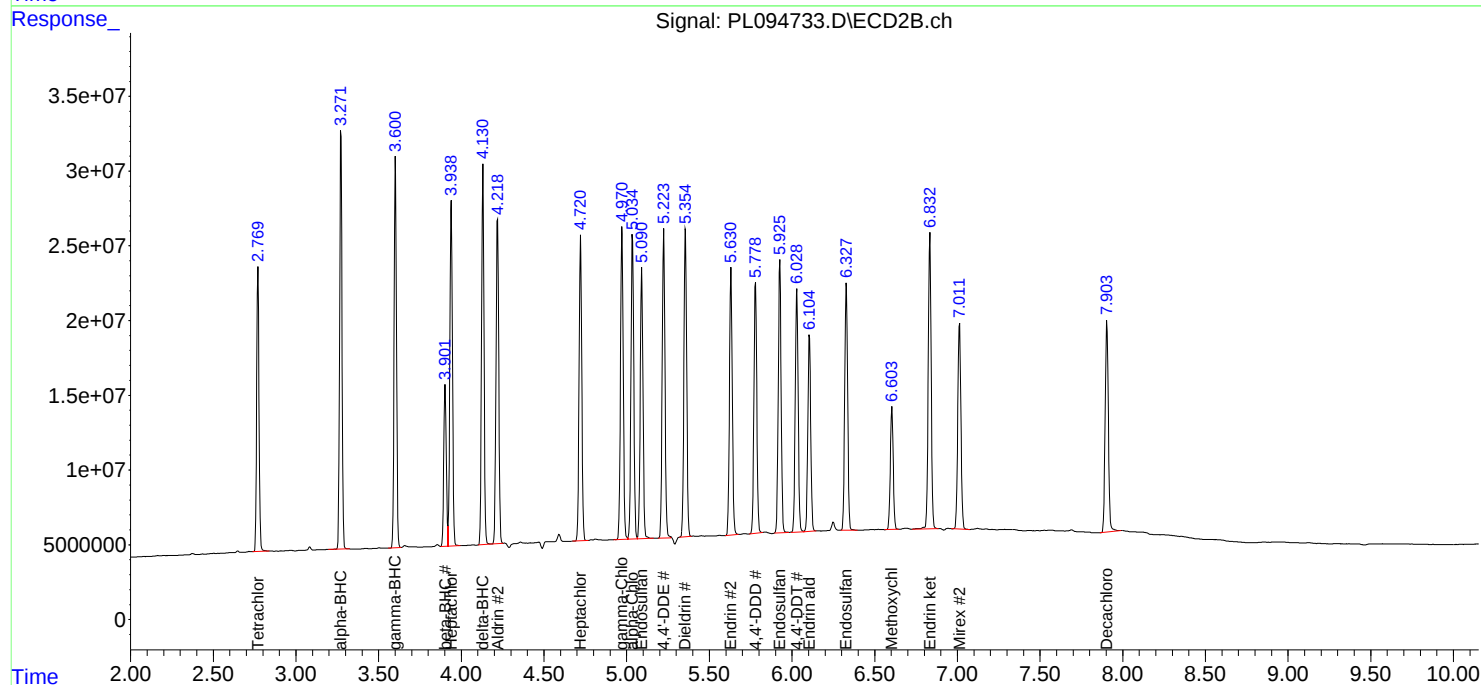
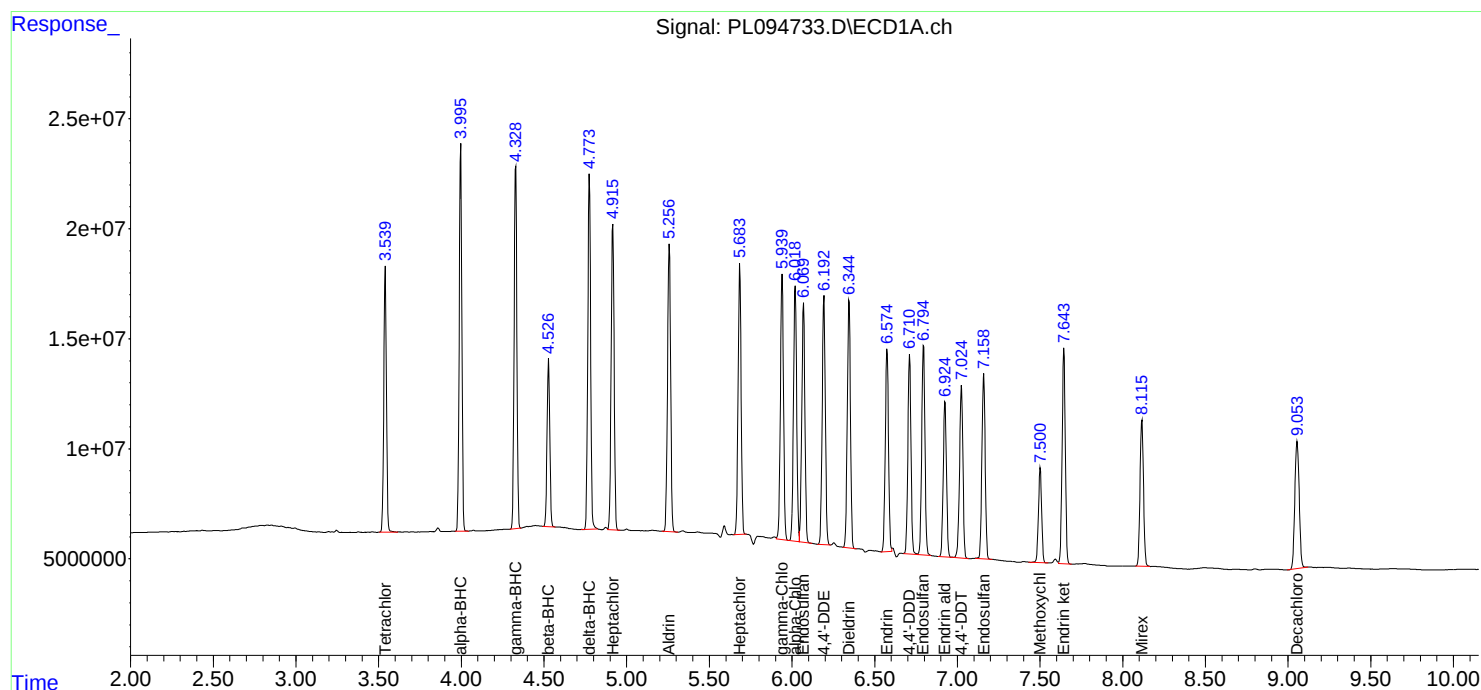
APPROVED

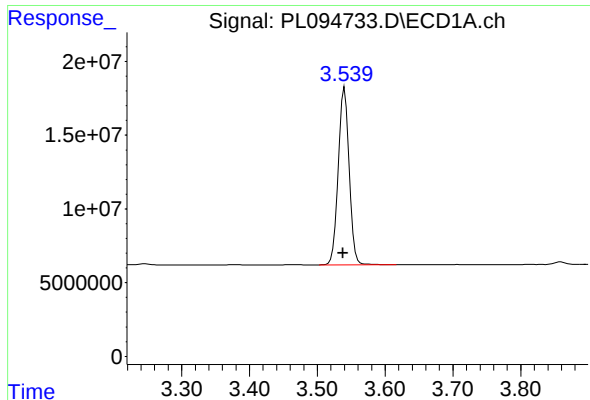
Reviewed By :Abdul Mirza 03/20/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 02:01:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





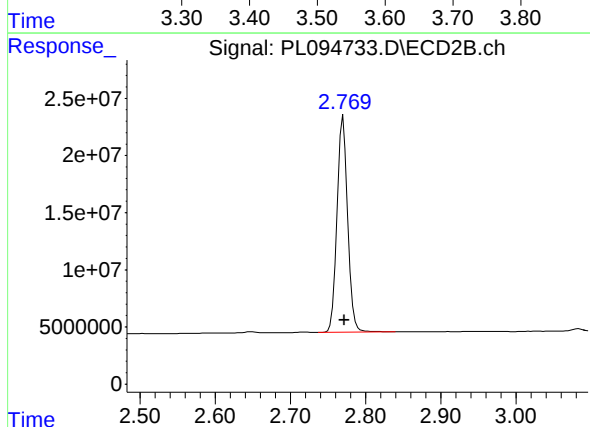
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 135298774
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

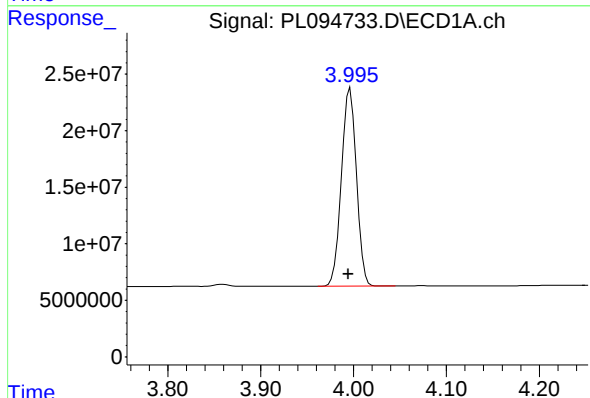
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



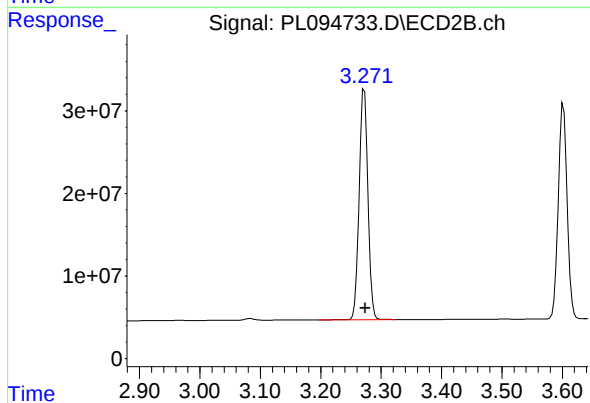
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 185618377
Conc: 52.00 ng/ml



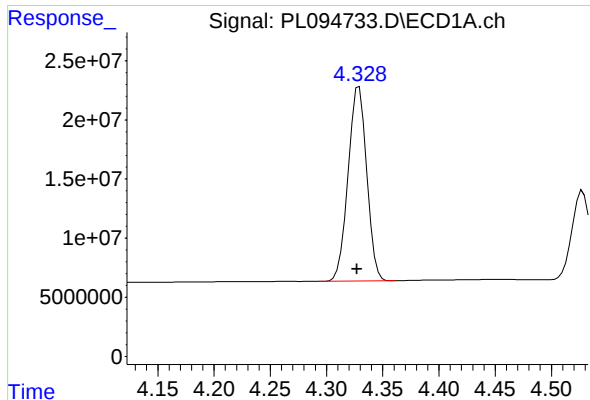
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 197047681
Conc: 47.45 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 281536553
Conc: 52.22 ng/ml



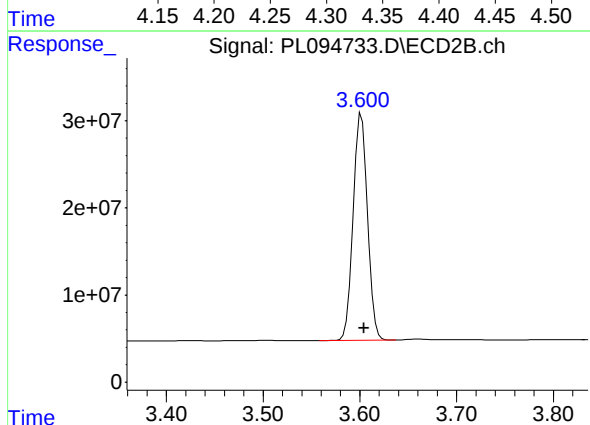
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 189539184
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

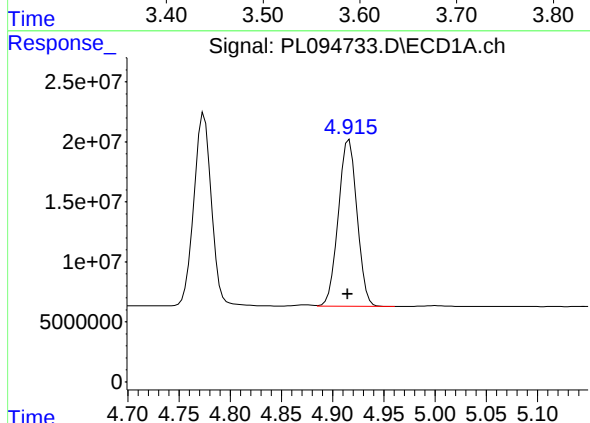
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



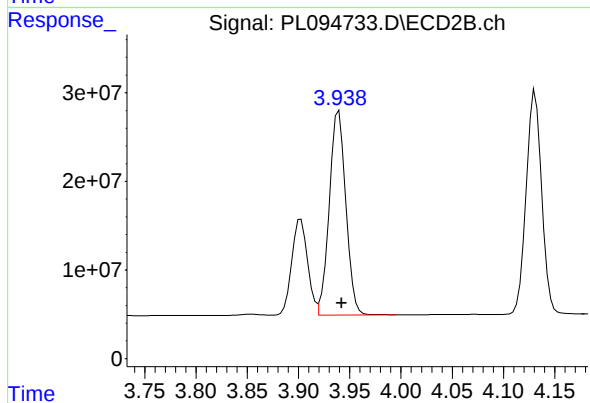
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 265885095
Conc: 51.73 ng/ml



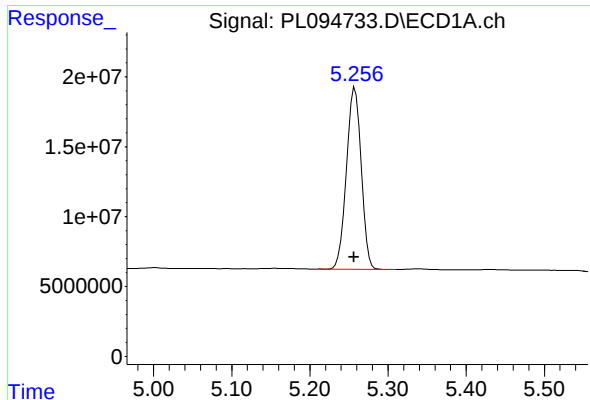
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 175344977
Conc: 45.17 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 257888526
Conc: 48.95 ng/ml



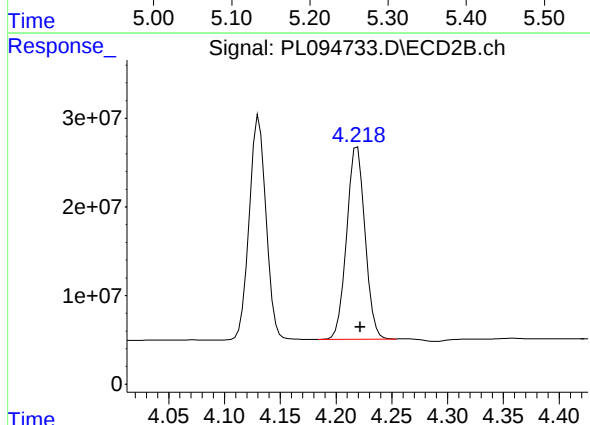
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 170482301
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

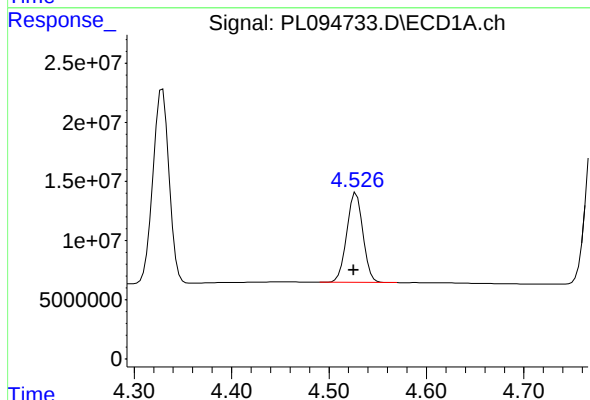
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



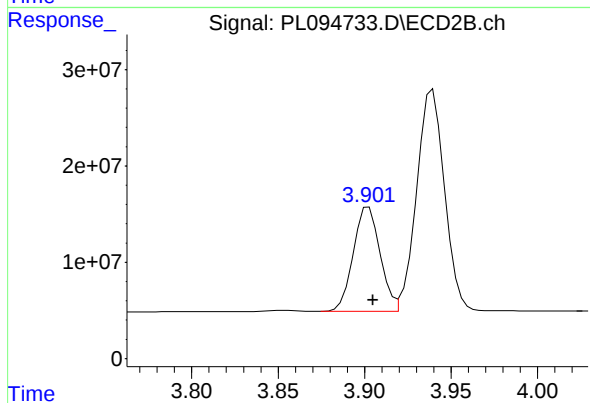
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 248339531
Conc: 50.93 ng/ml



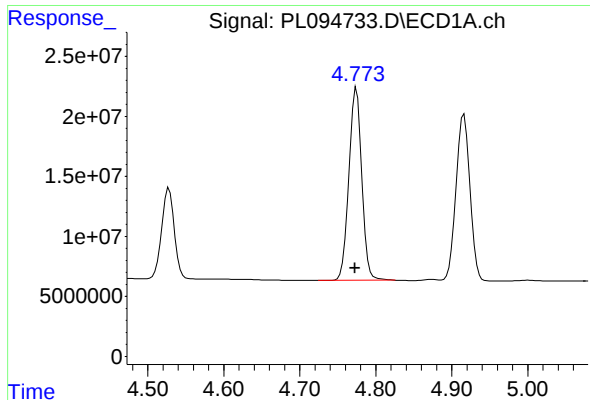
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 87088384
Conc: 47.20 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 116506693
Conc: 52.45 ng/ml



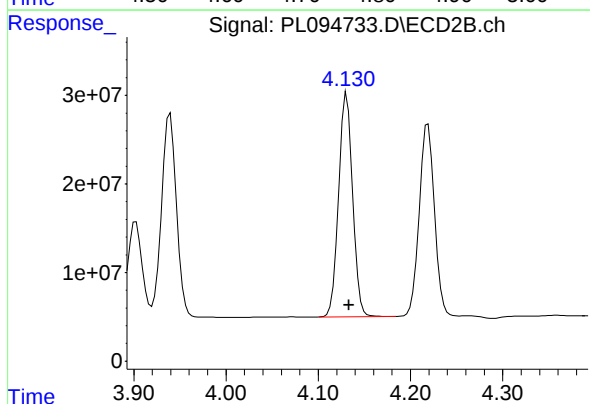
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 190067468
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

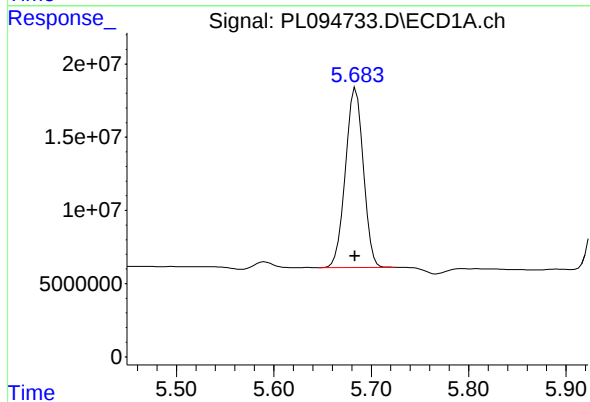
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



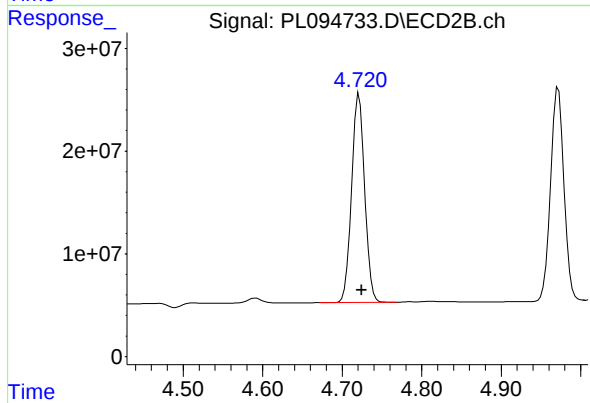
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 265434250
Conc: 53.07 ng/ml



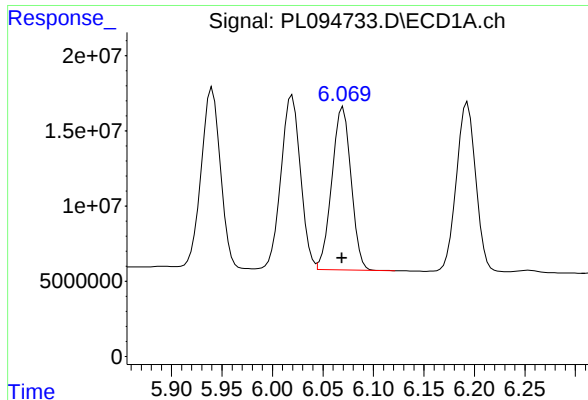
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 156182150
Conc: 46.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 231448993
Conc: 50.55 ng/ml



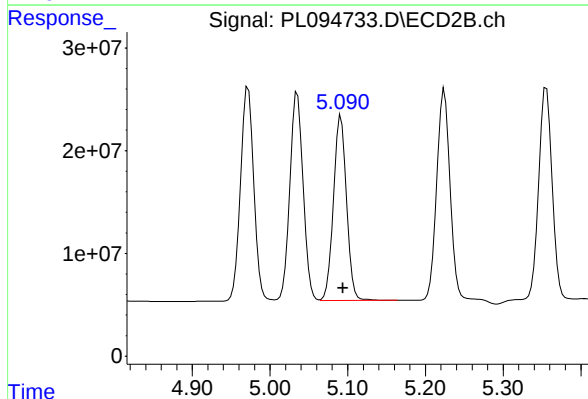
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 143690457
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

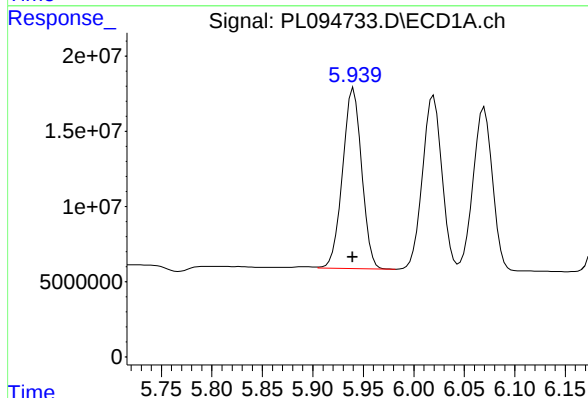
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



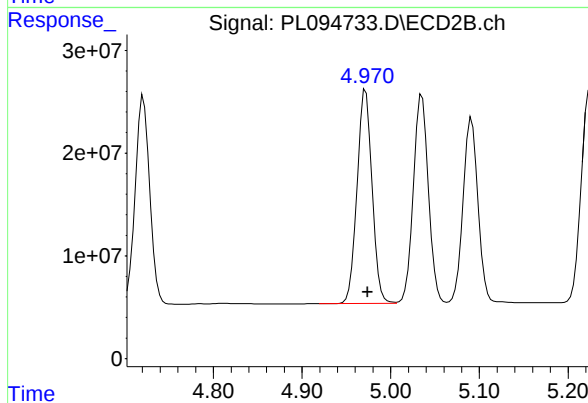
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 211622037
Conc: 48.22 ng/ml



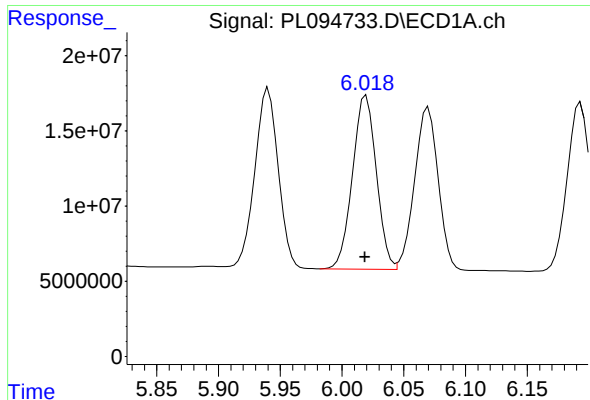
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 158095616
Conc: 46.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 245485339
Conc: 50.84 ng/ml



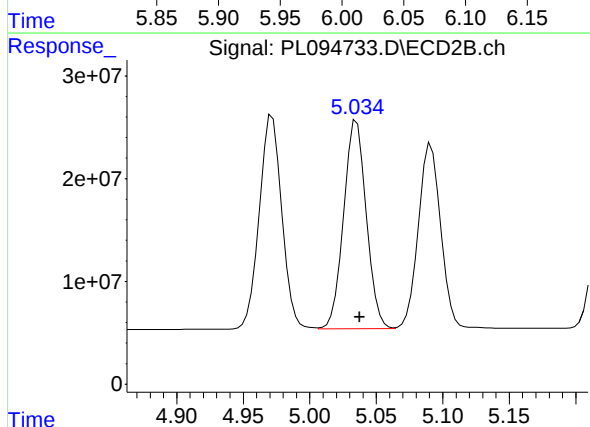
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 155365396
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

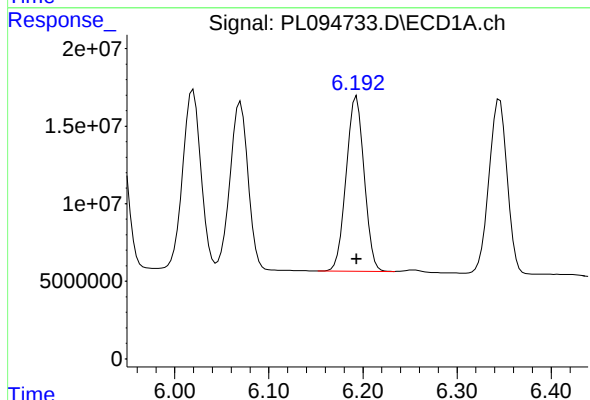
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



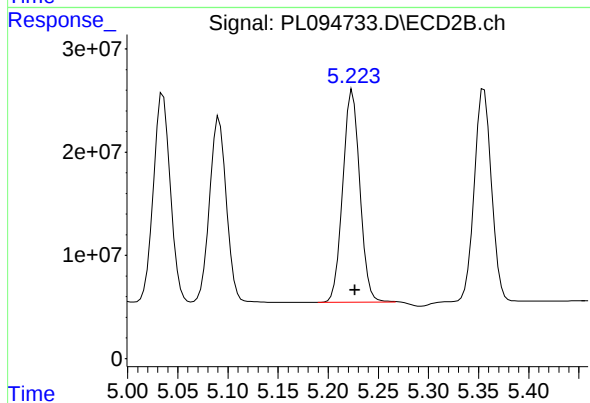
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 240631731
Conc: 50.42 ng/ml



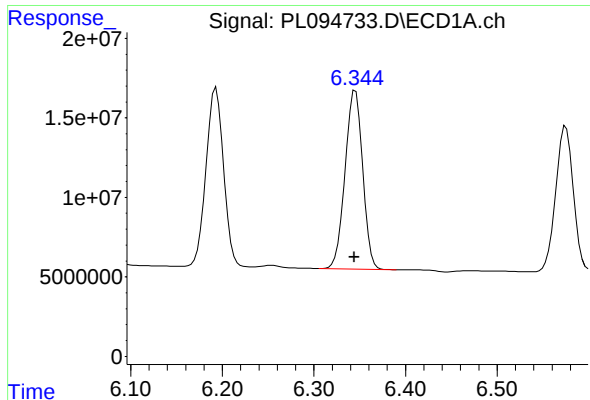
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 149829862
Conc: 50.93 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 243689129
Conc: 52.42 ng/ml m



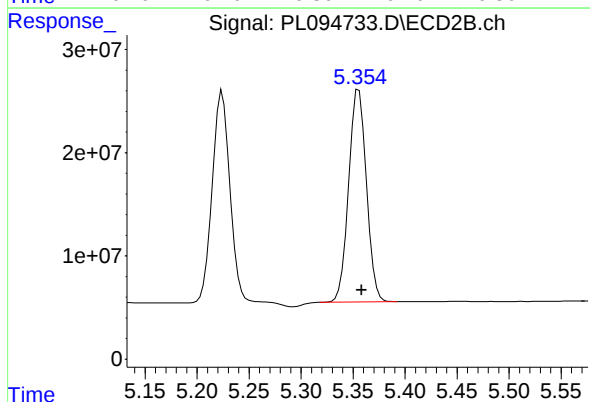
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 150498503
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

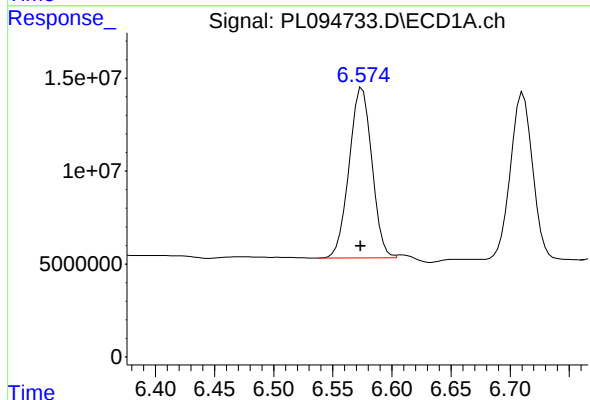
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



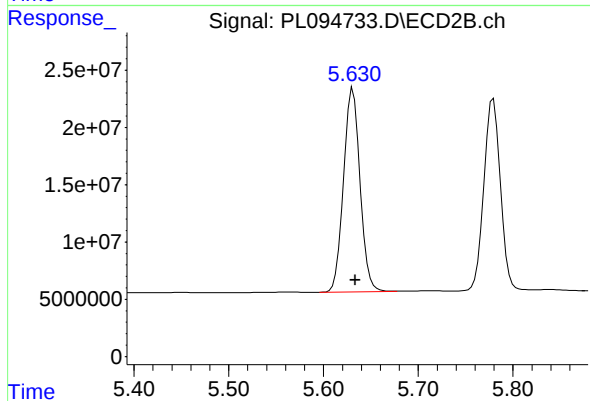
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 244543611
Conc: 50.40 ng/ml



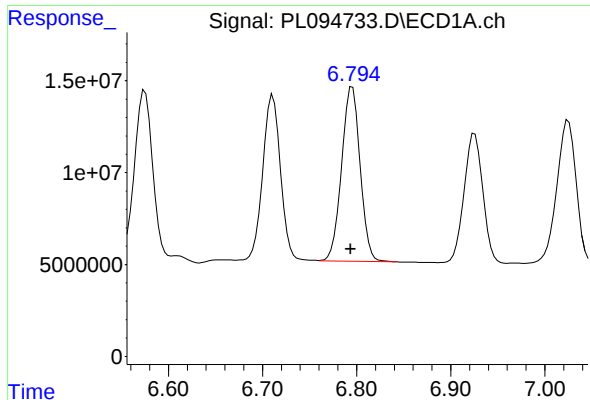
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 122766255
Conc: 44.29 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 215043491
Conc: 49.28 ng/ml



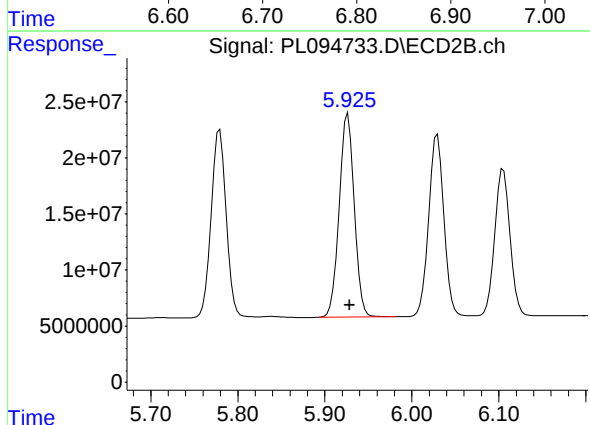
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.002 min
Response: 130130319
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

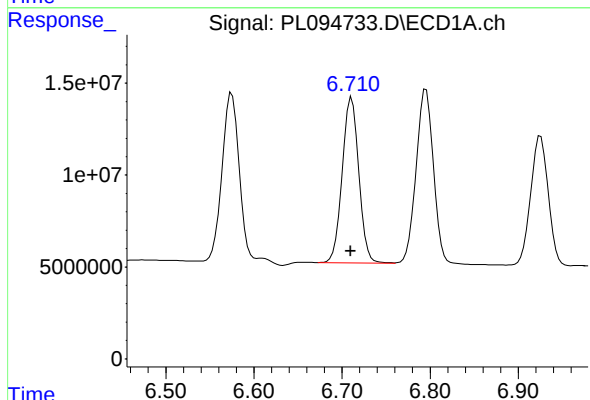
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



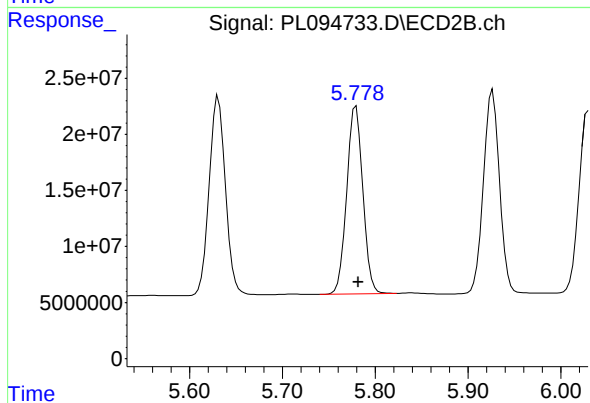
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 218613375
Conc: 50.51 ng/ml



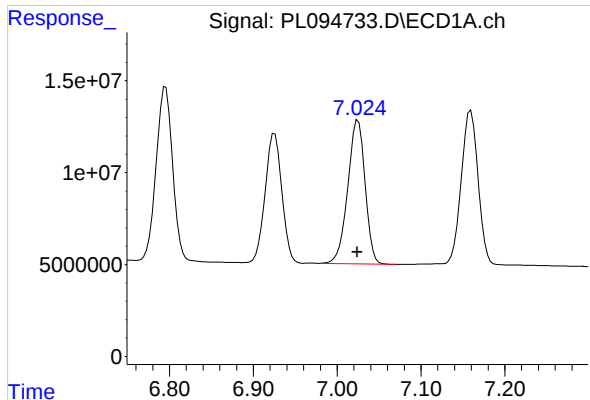
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.001 min
Response: 118198504
Conc: 54.57 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 201846500
Conc: 56.13 ng/ml



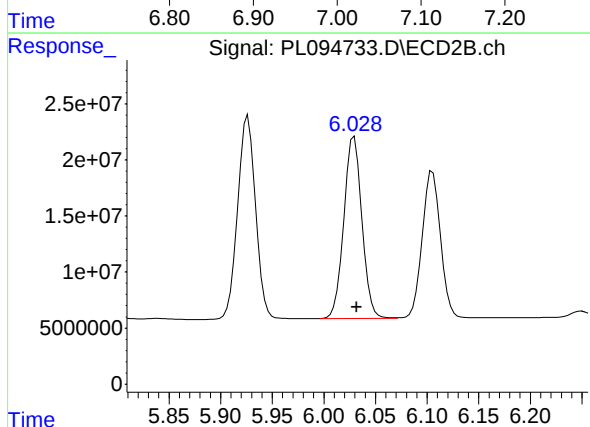
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 112465020
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

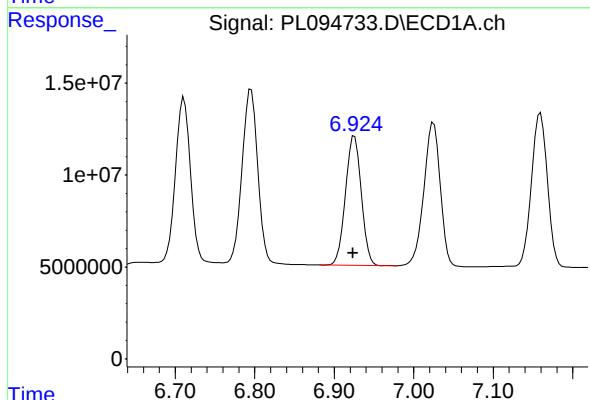
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



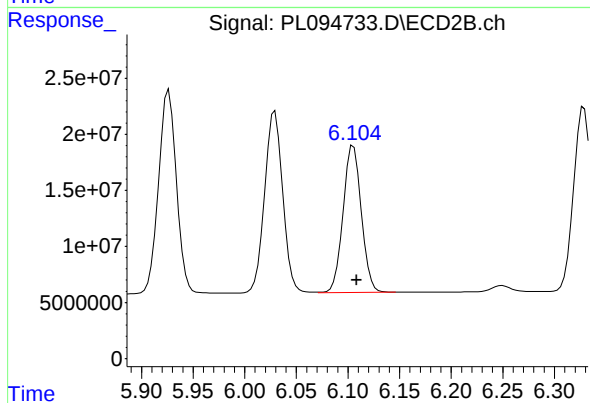
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 198129740
Conc: 49.14 ng/ml



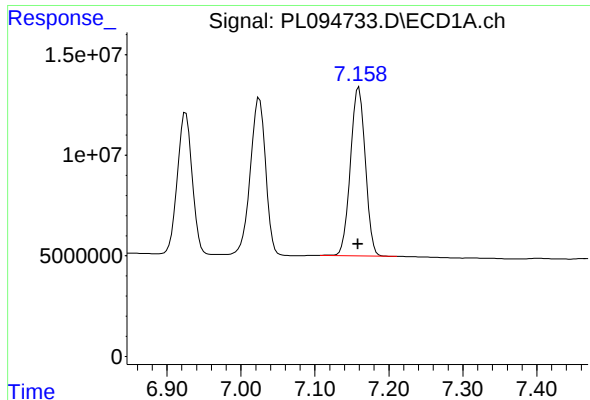
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 97526037
Conc: 46.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 161079284
Conc: 47.86 ng/ml



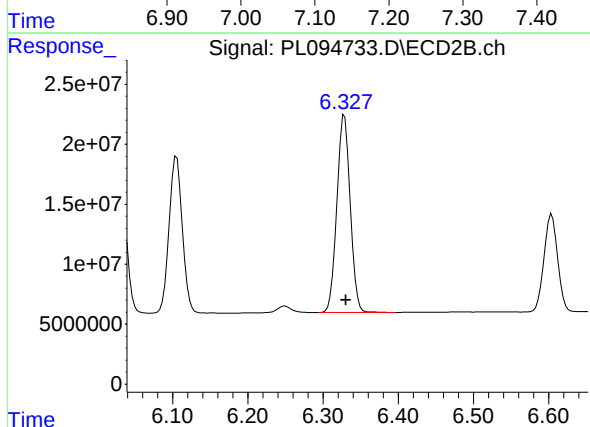
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 116799787
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

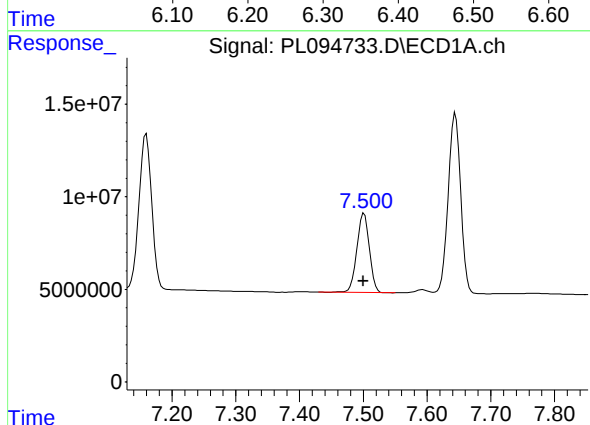
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



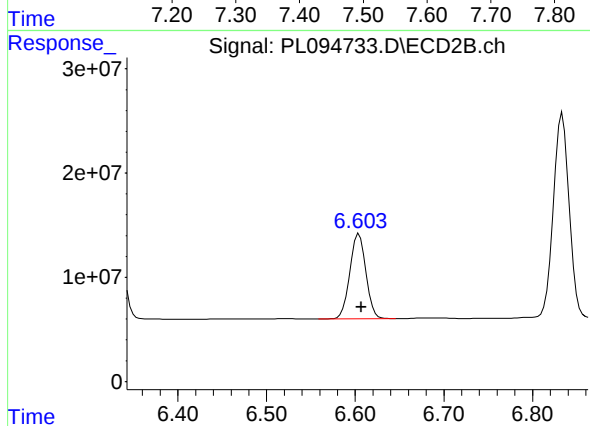
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 203803325
Conc: 50.03 ng/ml



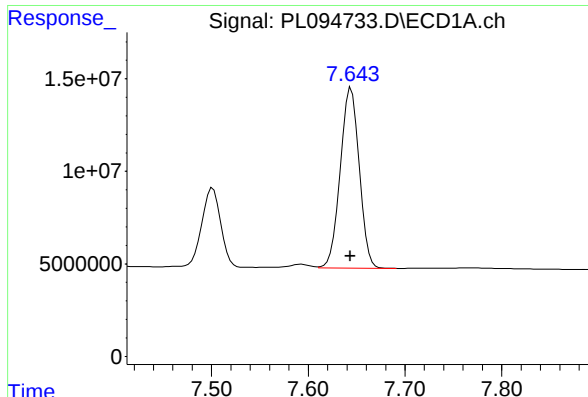
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 58382003
Conc: 48.77 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 102687289
Conc: 48.41 ng/ml



#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 132372814
Conc: 50.08 ng/ml

Instrument :

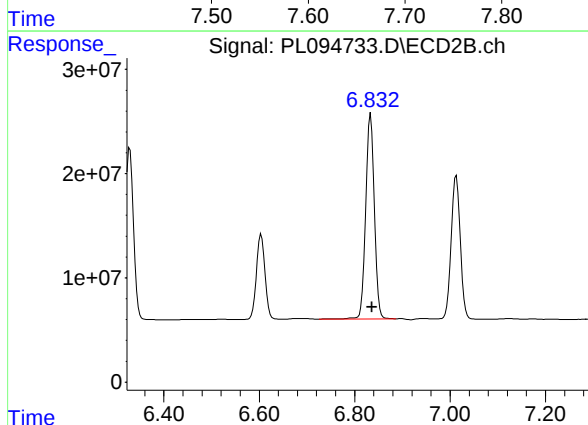
ECD_L

ClientSampleId :

PSTDCCC050

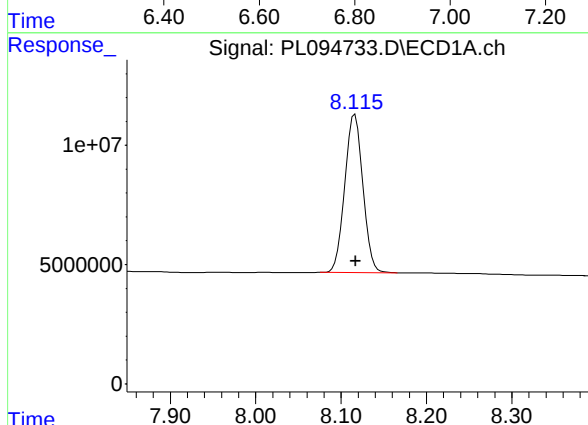
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



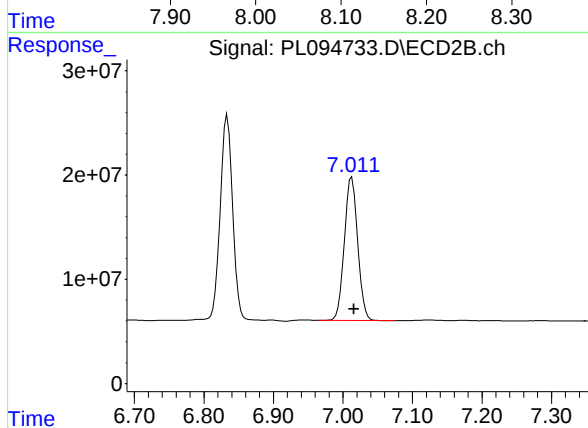
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 245631932
Conc: 51.47 ng/ml



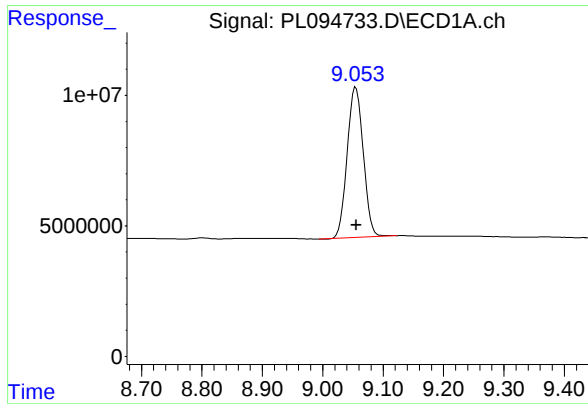
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 98001360
Conc: 47.43 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 183210550
Conc: 48.27 ng/ml



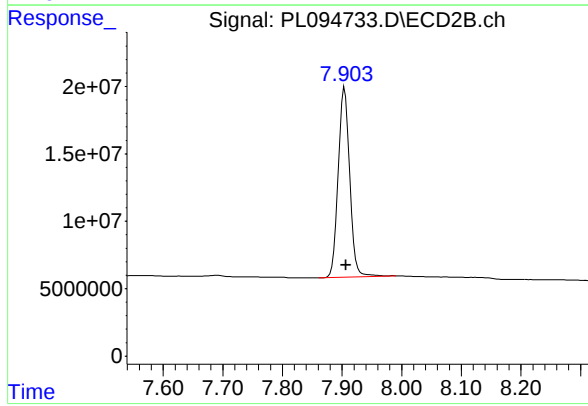
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 106823846
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 188902554
Conc: 46.77 ng/ml