

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 14:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2025
 Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:13:15 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...	3.537	2.770	139.5E6	191.2E6	49.283	53.558
28)	SA Decachlor...	9.055	7.904	106.0E6	200.7E6	50.280	49.682
Target Compounds							
2)	A alpha-BHC	3.993	3.272	205.1E6	293.0E6	49.401	54.339
3)	MA gamma-BHC...	4.326	3.602	197.5E6	276.3E6	49.498	53.764
4)	MA Heptachlor	4.914	3.940	183.9E6	271.9E6	47.371	51.609
5)	MB Aldrin	5.256	4.219	175.6E6	257.2E6	47.551	52.747
6)	B beta-BHC	4.525	3.903	90118286	120.2E6	48.839	54.132
7)	B delta-BHC	4.772	4.131	196.6E6	276.0E6	50.497	55.187
8)	B Heptachlo...	5.683	4.722	160.6E6	237.9E6	48.008	51.958
9)	A Endosulfan I	6.068	5.091	150.8E6	227.8E6	49.107	51.908
10)	B gamma-Chl...	5.939	4.970	164.2E6	252.9E6	48.746	52.374m
11)	B alpha-Chl...	6.018	5.035	161.4E6	247.4E6	48.958	51.837
12)	B 4,4'-DDE	6.192	5.224	158.6E6	251.5E6	53.911	54.108
13)	MA Dieldrin	6.344	5.355	159.3E6	252.8E6	49.809	52.095
14)	MA Endrin	6.574	5.630	129.5E6	225.6E6	46.732	51.692m
15)	B Endosulfa...	6.794	5.926	134.7E6	223.4E6	49.631	51.605
16)	A 4,4'-DDD	6.710	5.779	122.2E6	204.1E6	56.420	56.761
17)	MA 4,4'-DDT	7.024	6.029	123.7E6	218.8E6	52.018	54.264
18)	B Endrin al...	6.925	6.106	101.7E6	168.2E6	48.189	49.987
19)	B Endosulfa...	7.159	6.328	118.9E6	212.1E6	48.871	52.061
20)	A Methoxychlor	7.500	6.604	63286114	114.1E6	52.867	53.773
21)	B Endrin ke...	7.645	6.832	132.5E6	245.7E6	50.120	51.488m
22)	Mirex	8.117	7.012	95071686	187.3E6	46.011	49.347m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 14:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

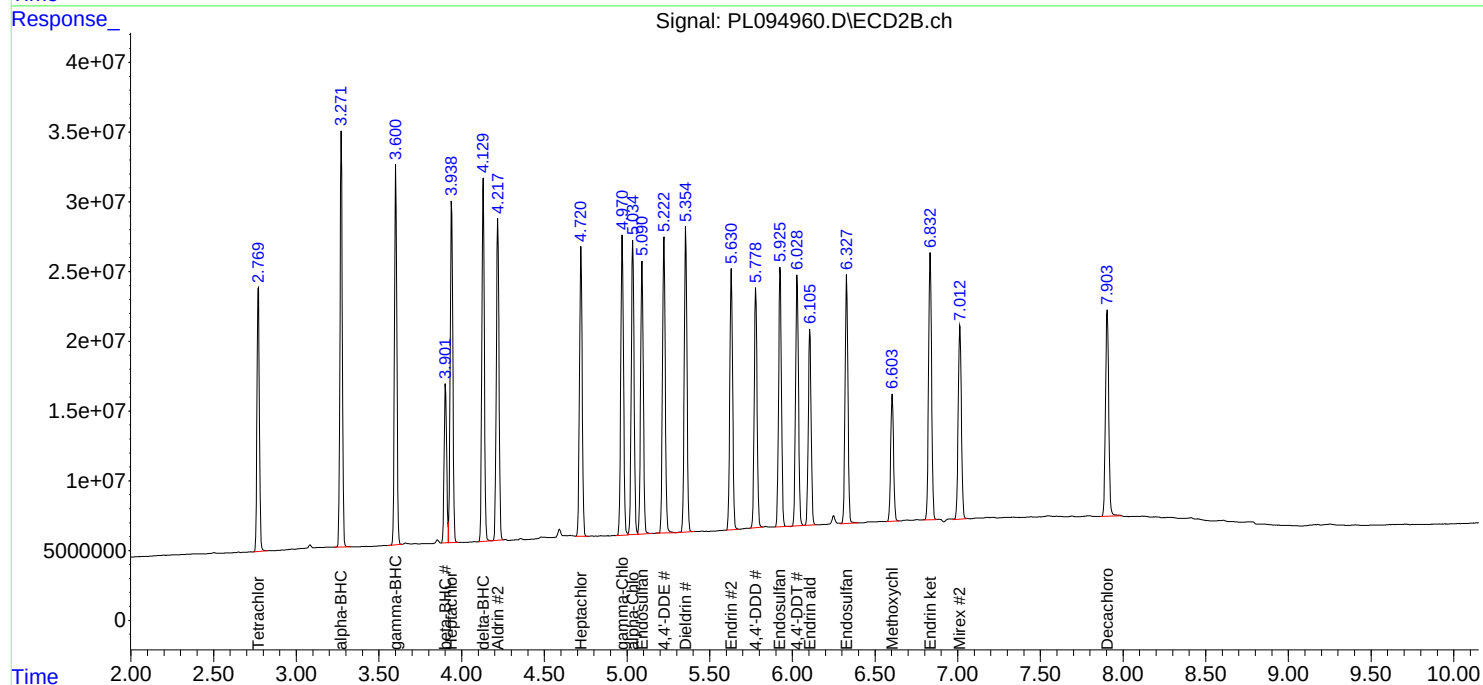
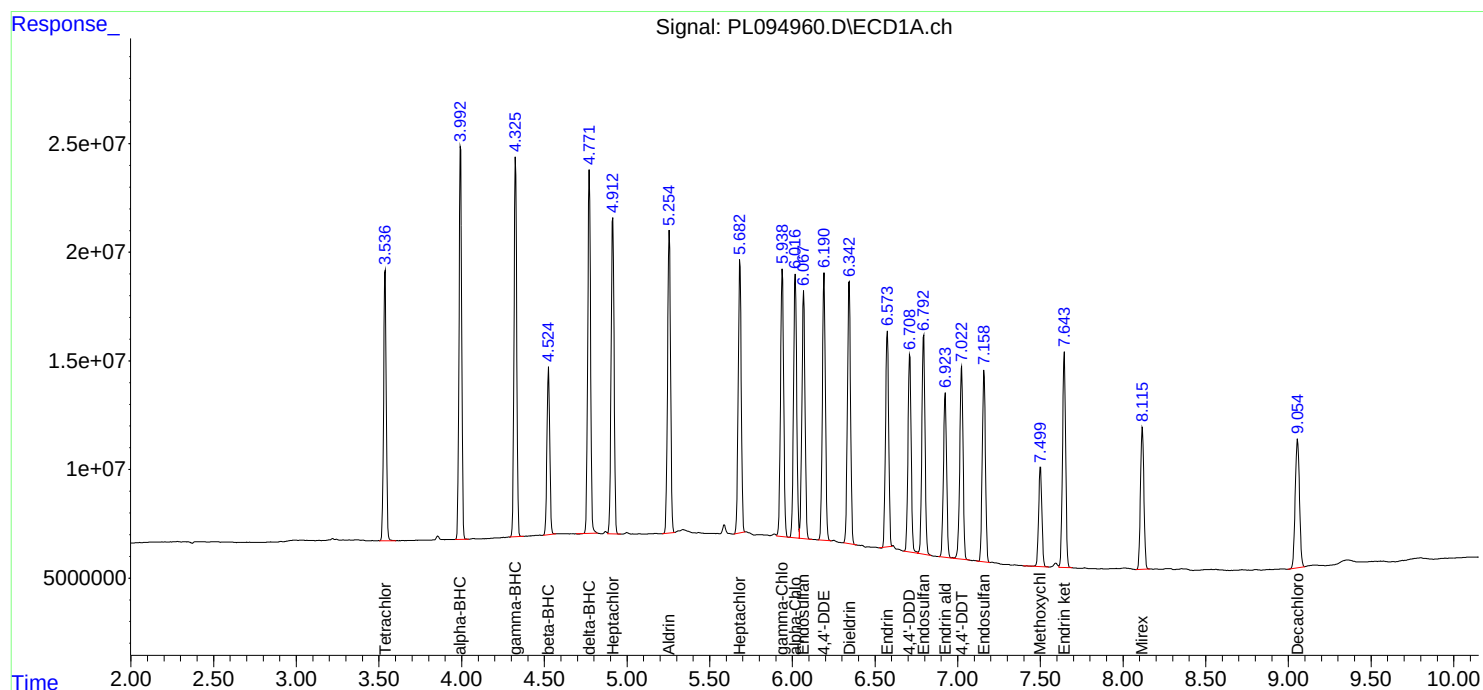
APPROVED

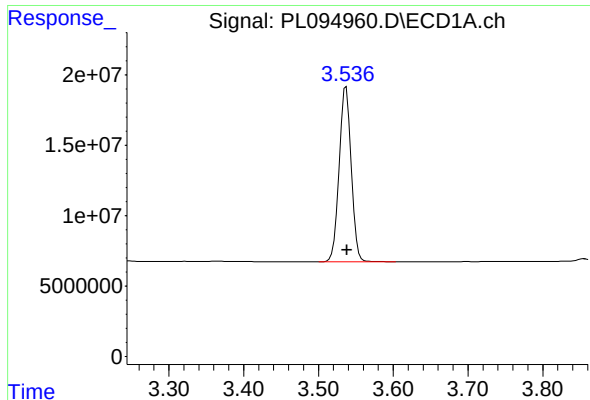
Reviewed By :Abdul Mirza 04/01/2025

Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:13:15 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





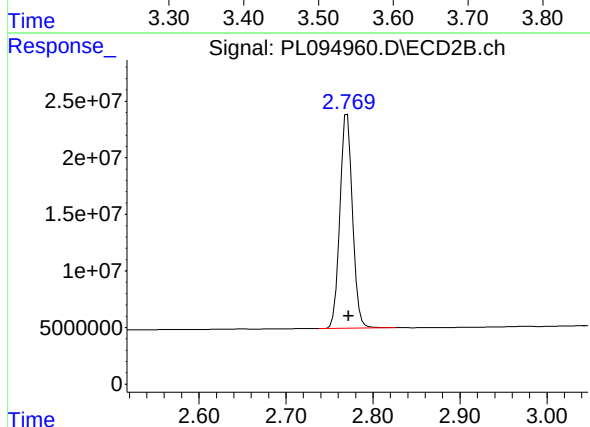
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 139504273
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

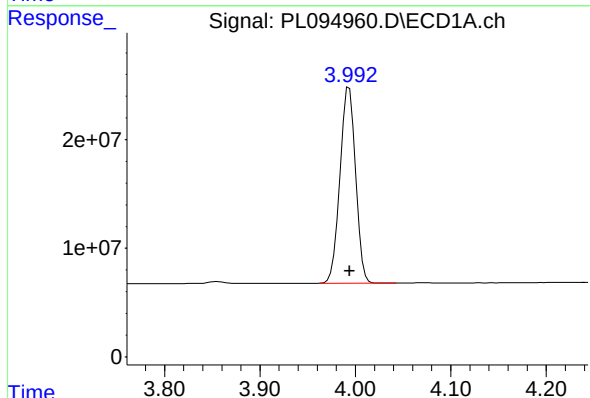
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



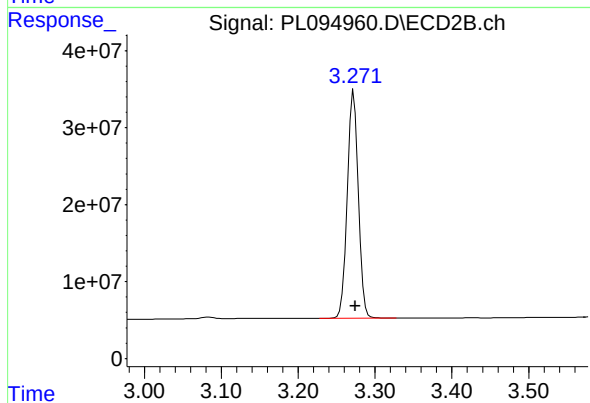
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 191164020
Conc: 53.56 ng/ml



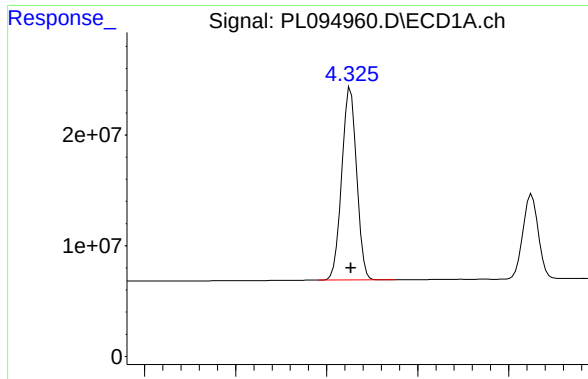
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 205129717
Conc: 49.40 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 292962638
Conc: 54.34 ng/ml



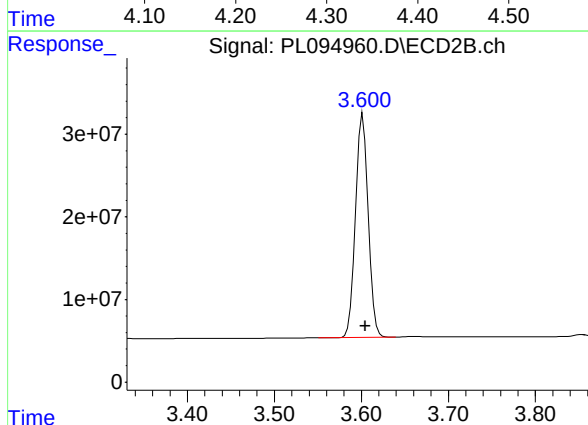
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 197508586
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

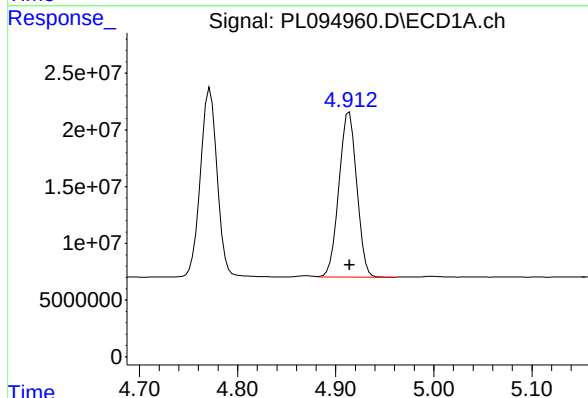
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



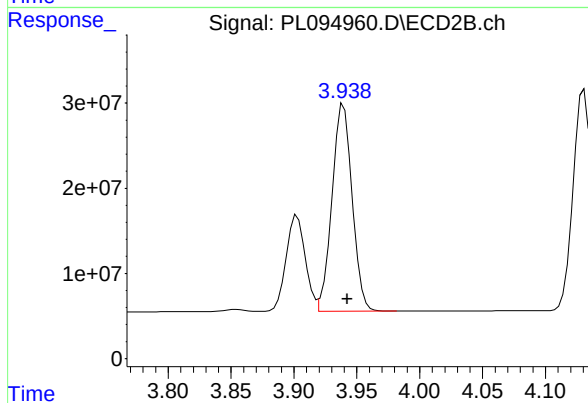
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 276319925
Conc: 53.76 ng/ml



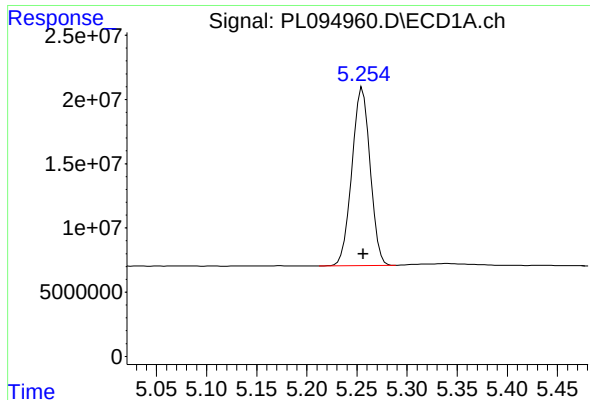
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 183876080
Conc: 47.37 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 271911762
Conc: 51.61 ng/ml



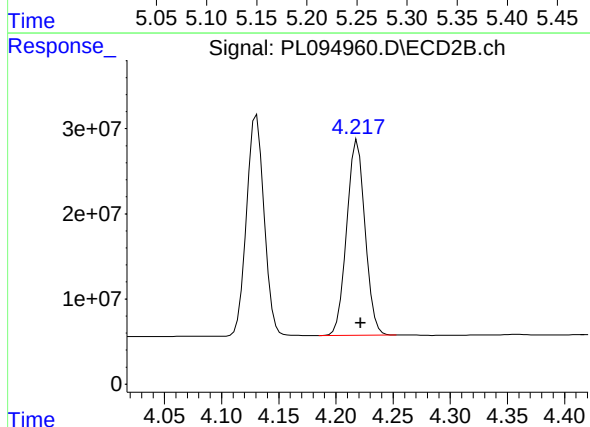
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 175569841
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

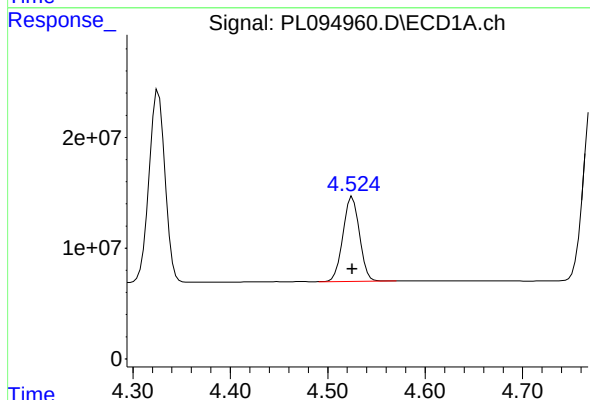
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



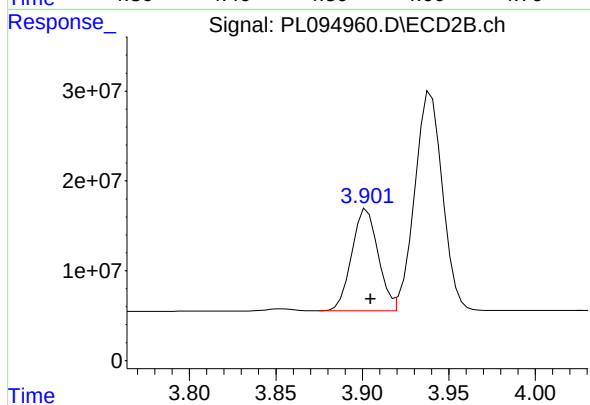
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 257210561
Conc: 52.75 ng/ml



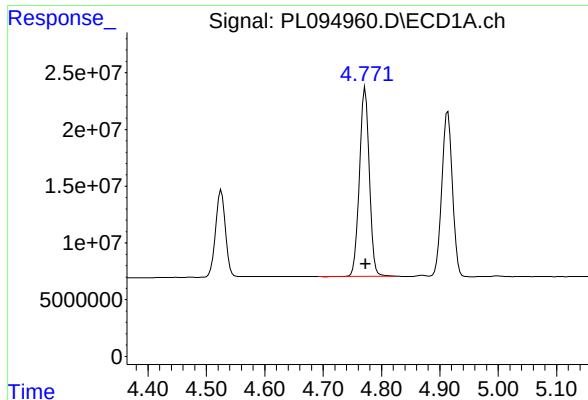
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 90118286
Conc: 48.84 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 120242885
Conc: 54.13 ng/ml



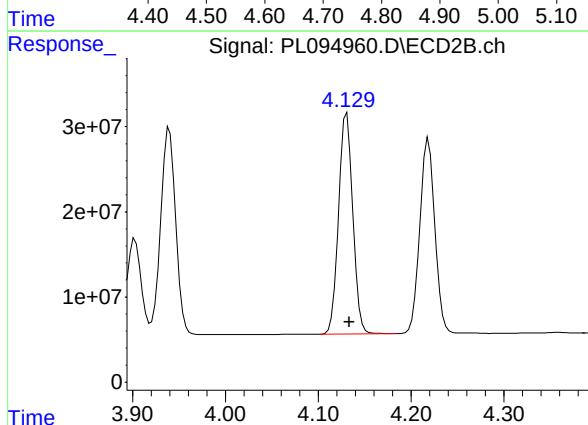
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 196649412
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

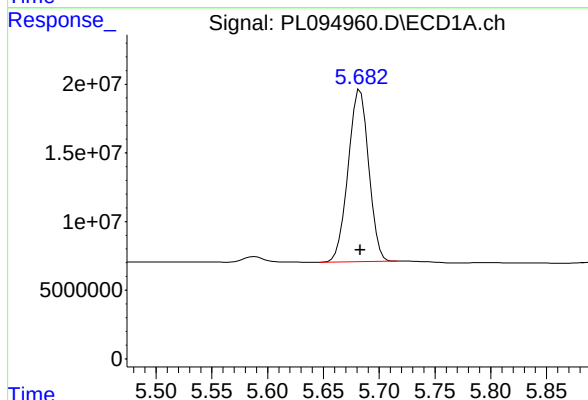
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



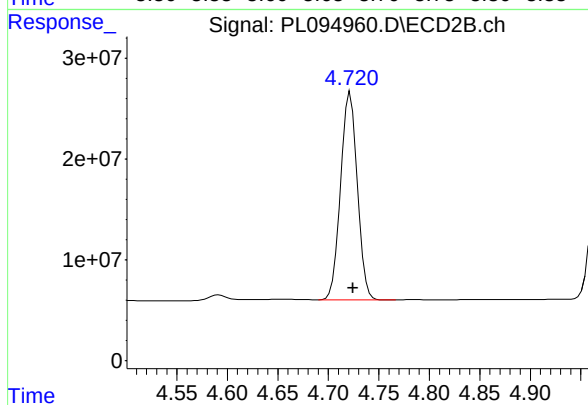
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 276045808
Conc: 55.19 ng/ml



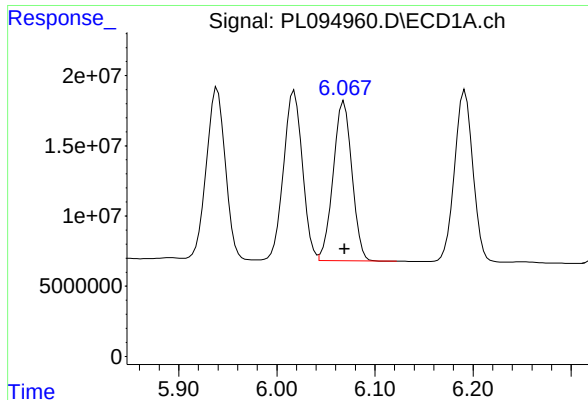
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 160597692
Conc: 48.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 237894922
Conc: 51.96 ng/ml



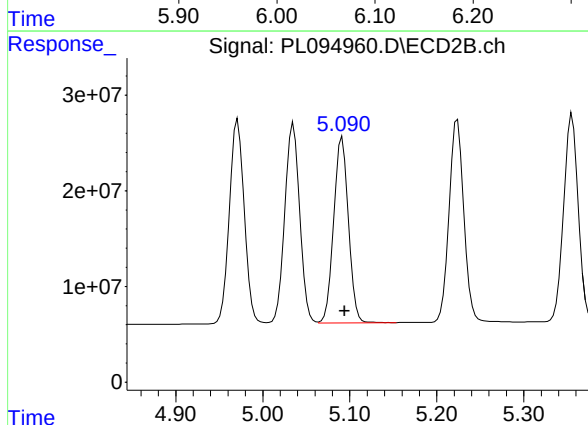
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 150767627
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

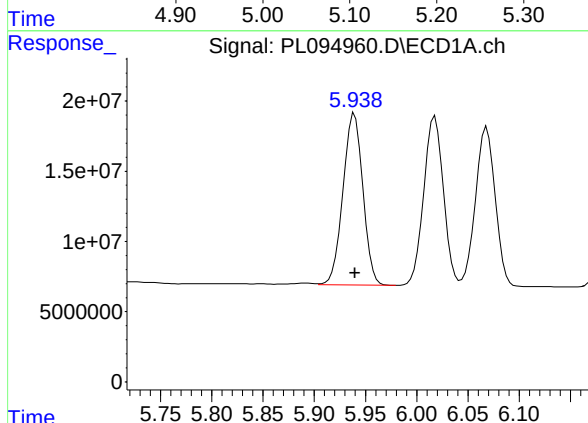
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



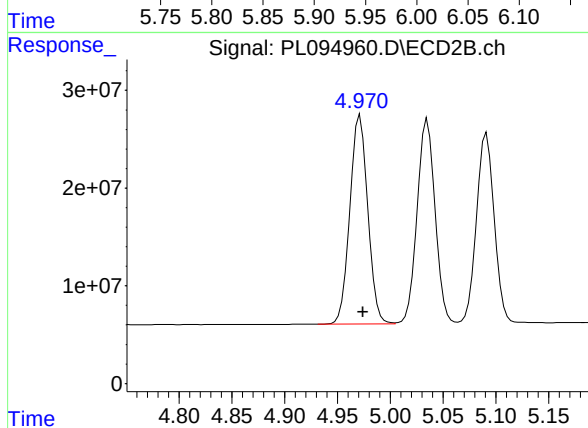
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 227811204
Conc: 51.91 ng/ml



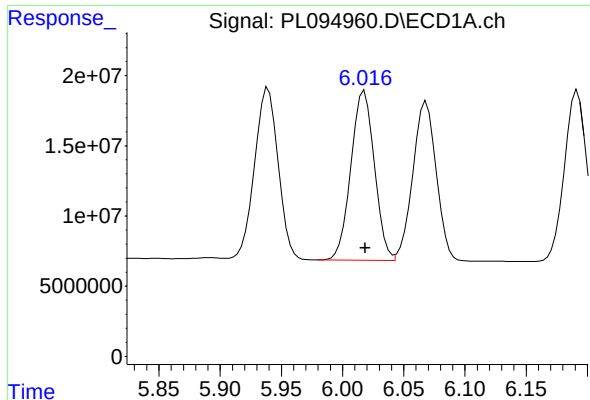
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 164243607
Conc: 48.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 252885800
Conc: 52.37 ng/ml m



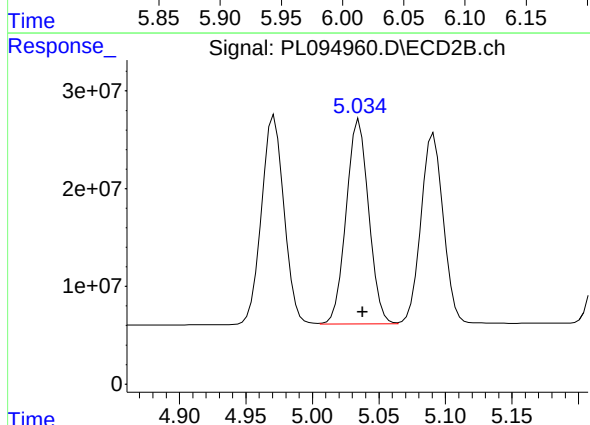
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 161405398
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

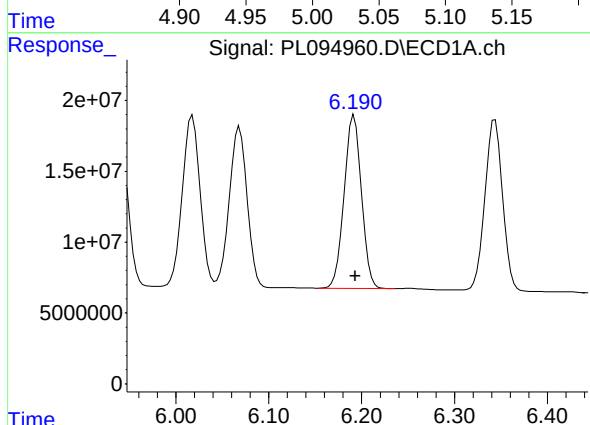
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



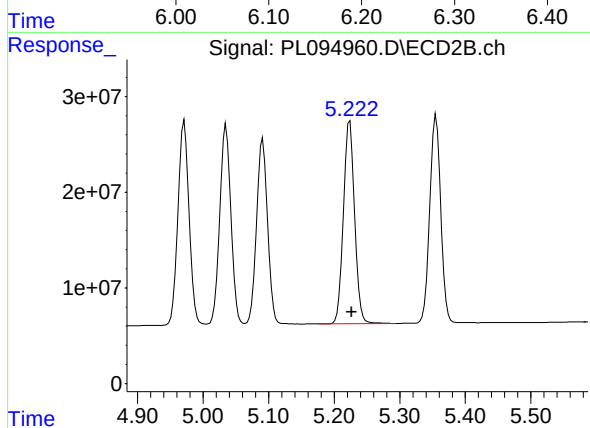
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 247407936
Conc: 51.84 ng/ml



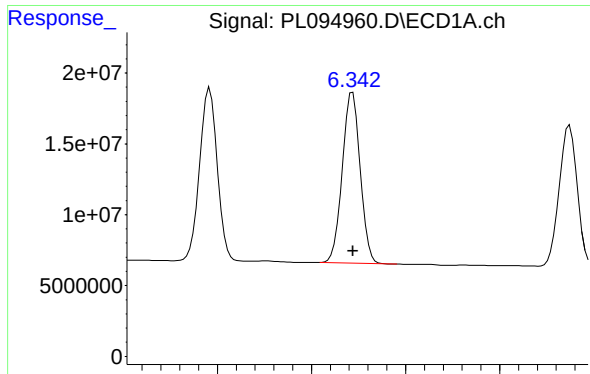
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 158608064
Conc: 53.91 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 251523619
Conc: 54.11 ng/ml



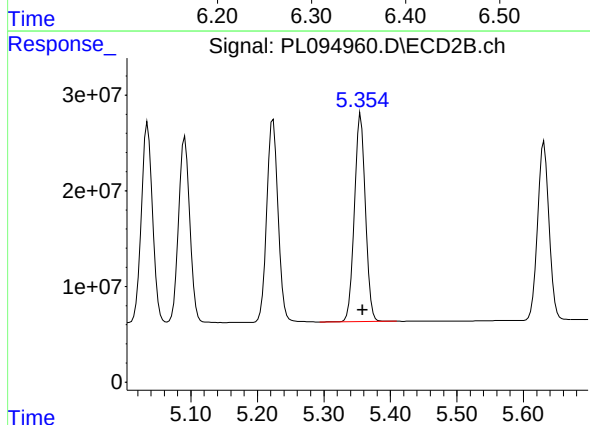
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 159295237
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

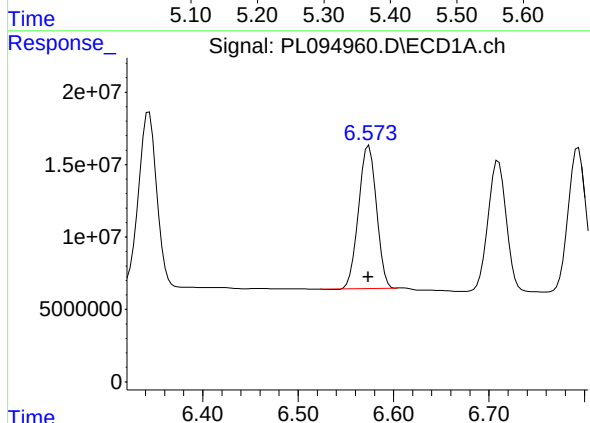
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



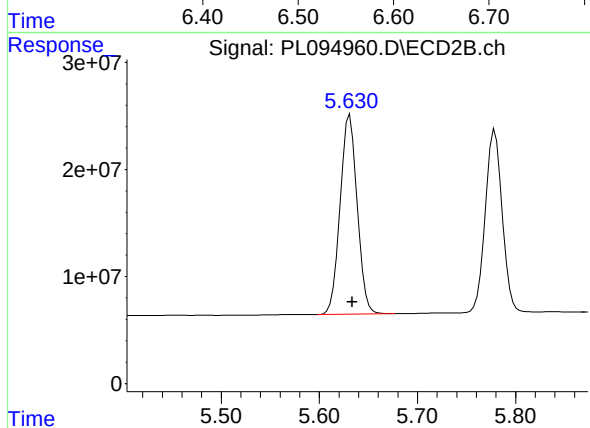
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 252753083
Conc: 52.09 ng/ml



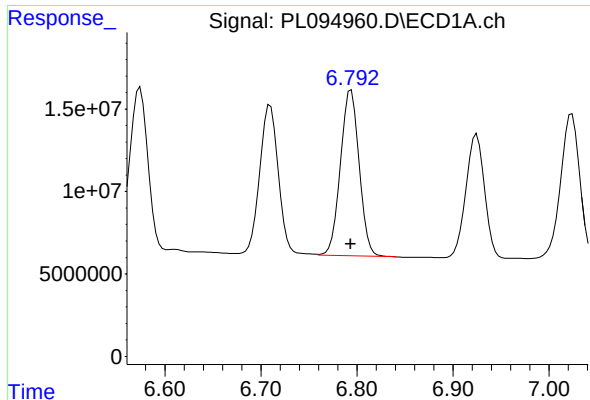
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 129545355
Conc: 46.73 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 225567621
Conc: 51.69 ng/ml m



#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 134735562
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025

#15 Endosulfan II

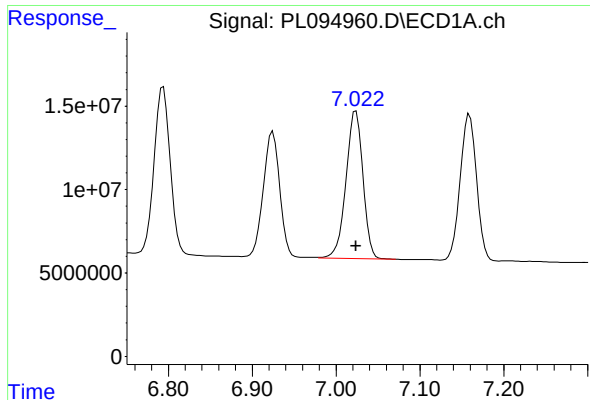
R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 223358445
Conc: 51.60 ng/ml

#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 122209819
Conc: 56.42 ng/ml

#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 204107839
Conc: 56.76 ng/ml



#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 123727296
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025

#17 4,4'-DDT

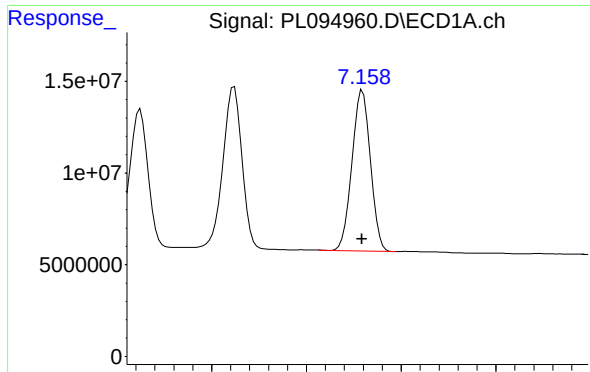
R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 218797617
Conc: 54.26 ng/ml

#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 101725899
Conc: 48.19 ng/ml

#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 168223780
Conc: 49.99 ng/ml



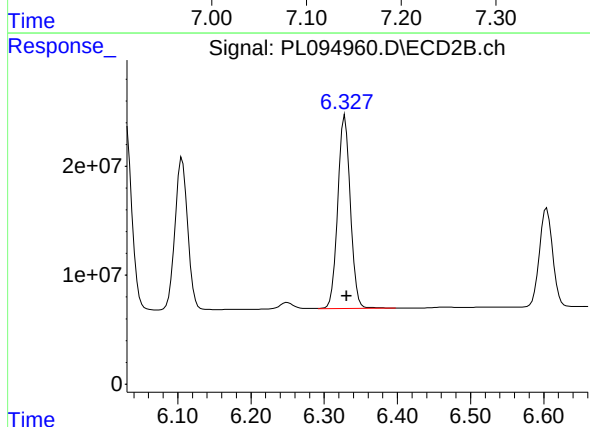
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 118856171
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

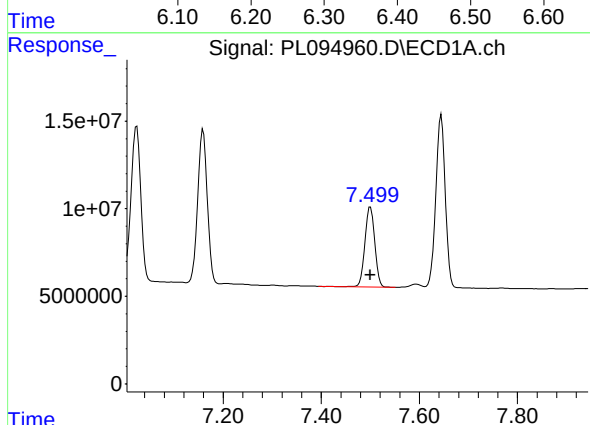
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



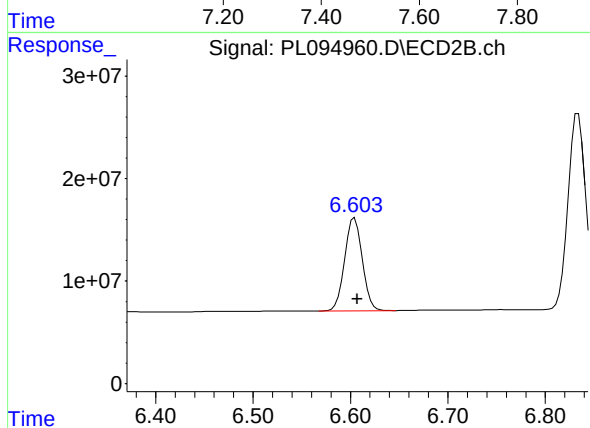
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 212065700
Conc: 52.06 ng/ml



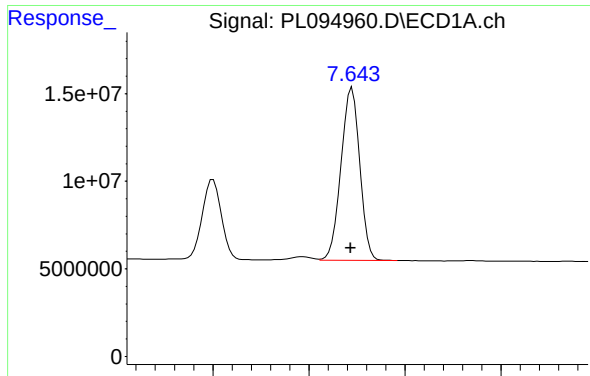
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 63286114
Conc: 52.87 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 114055493
Conc: 53.77 ng/ml



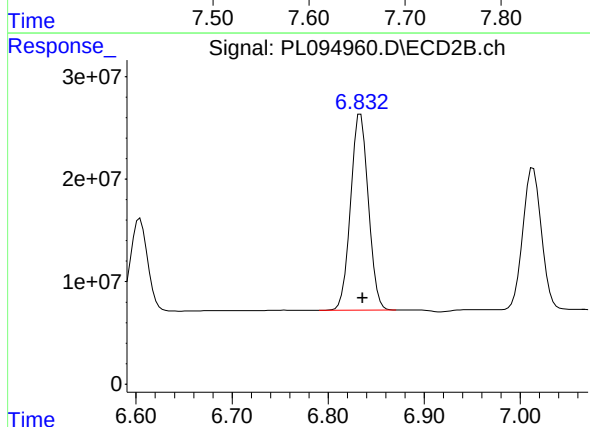
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 132480263
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

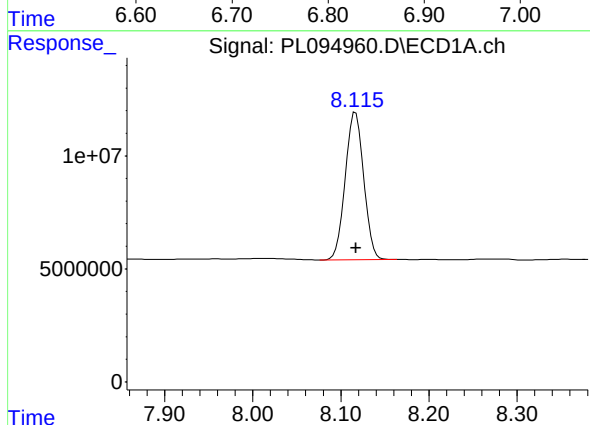
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



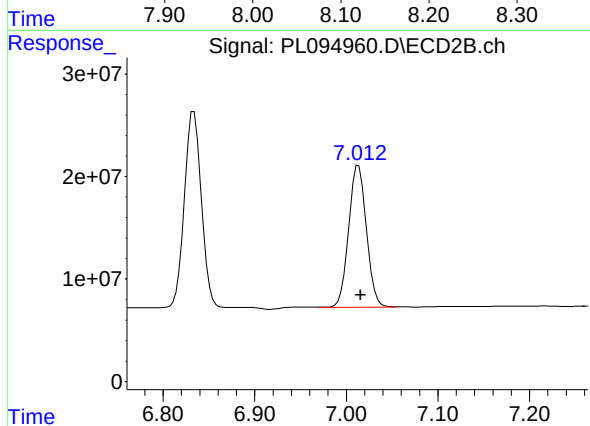
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 245732115
Conc: 51.49 ng/ml m



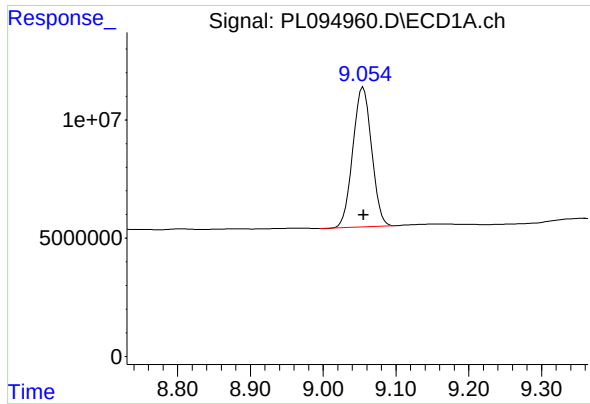
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 95071686
Conc: 46.01 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 187288615
Conc: 49.35 ng/ml m



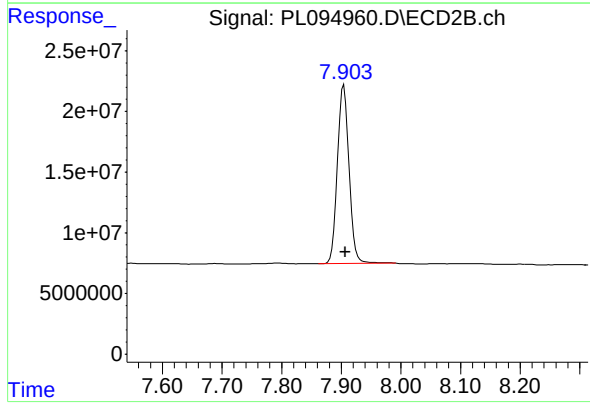
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 105962336
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 200681539
Conc: 49.68 ng/ml