

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 17:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:25:25 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...	3.536	2.769	134.5E6	187.5E6	47.514	52.535
28) SA Decachlor...	9.050	7.901	108.2E6	191.1E6	51.321	47.319
Target Compounds						
2) A alpha-BHC	3.992	3.271	195.5E6	285.2E6	47.085	52.897
3) MA gamma-BHC...	4.324	3.600	186.9E6	268.5E6	46.836	52.246
4) MA Heptachlor	4.912	3.938	174.3E6	262.3E6	44.898	49.788
5) MB Aldrin	5.254	4.217	168.1E6	248.8E6	45.521	51.015
6) B beta-BHC	4.524	3.901	85308049	116.7E6	46.232	52.550
7) B delta-BHC	4.771	4.129	187.0E6	265.9E6	48.026	53.150
8) B Heptachlo...	5.681	4.720	155.7E6	230.8E6	46.544	50.416
9) A Endosulfan I	6.066	5.088	142.9E6	192.9E6	46.552	43.946m
10) B gamma-Chl...	5.937	4.968	157.2E6	245.6E6	46.643	50.871m
11) B alpha-Chl...	6.016	5.033	154.3E6	251.7E6	46.813	52.730
12) B 4,4'-DDE	6.190	5.221	150.2E6	242.1E6	51.058	52.082m
13) MA Dieldrin	6.341	5.352	152.1E6	242.3E6	47.552	49.933m
14) MA Endrin	6.570	5.629	124.1E6	221.5E6	44.755m	50.756
15) B Endosulfa...	6.792	5.924	129.1E6	214.2E6	47.542	49.492
16) A 4,4'-DDD	6.707	5.777	117.9E6	196.8E6	54.409	54.728
17) MA 4,4'-DDT	7.020	6.026	114.7E6	199.7E6	48.244	49.533
18) B Endrin al...	6.921	6.103	98514268	159.4E6	46.667	47.375
19) B Endosulfa...	7.156	6.326	116.3E6	201.2E6	47.840	49.399
20) A Methoxychlor	7.498	6.602	60043590	104.5E6	50.159	49.281
21) B Endrin ke...	7.641	6.830	130.7E6	243.1E6	49.429	50.938m
22) Mirex	8.114	7.010	94765638	178.9E6	45.863	47.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL094994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 17:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

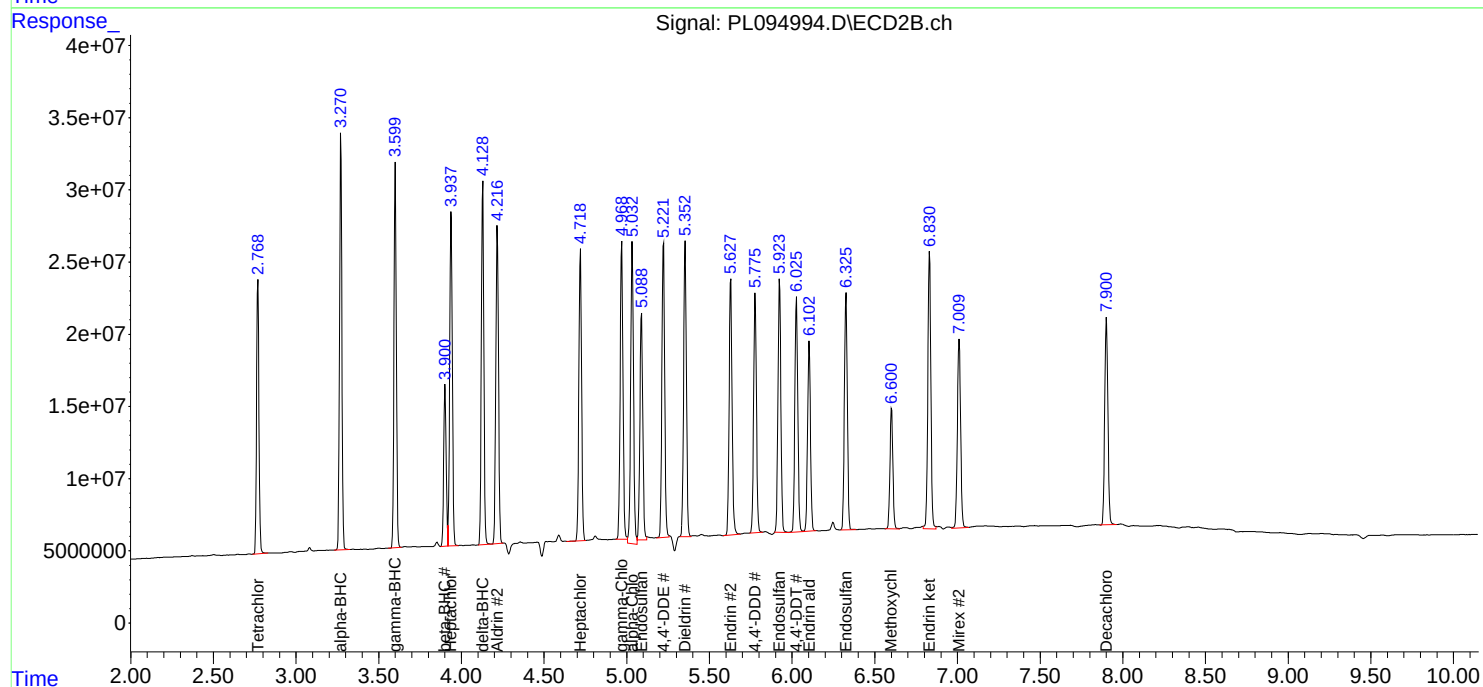
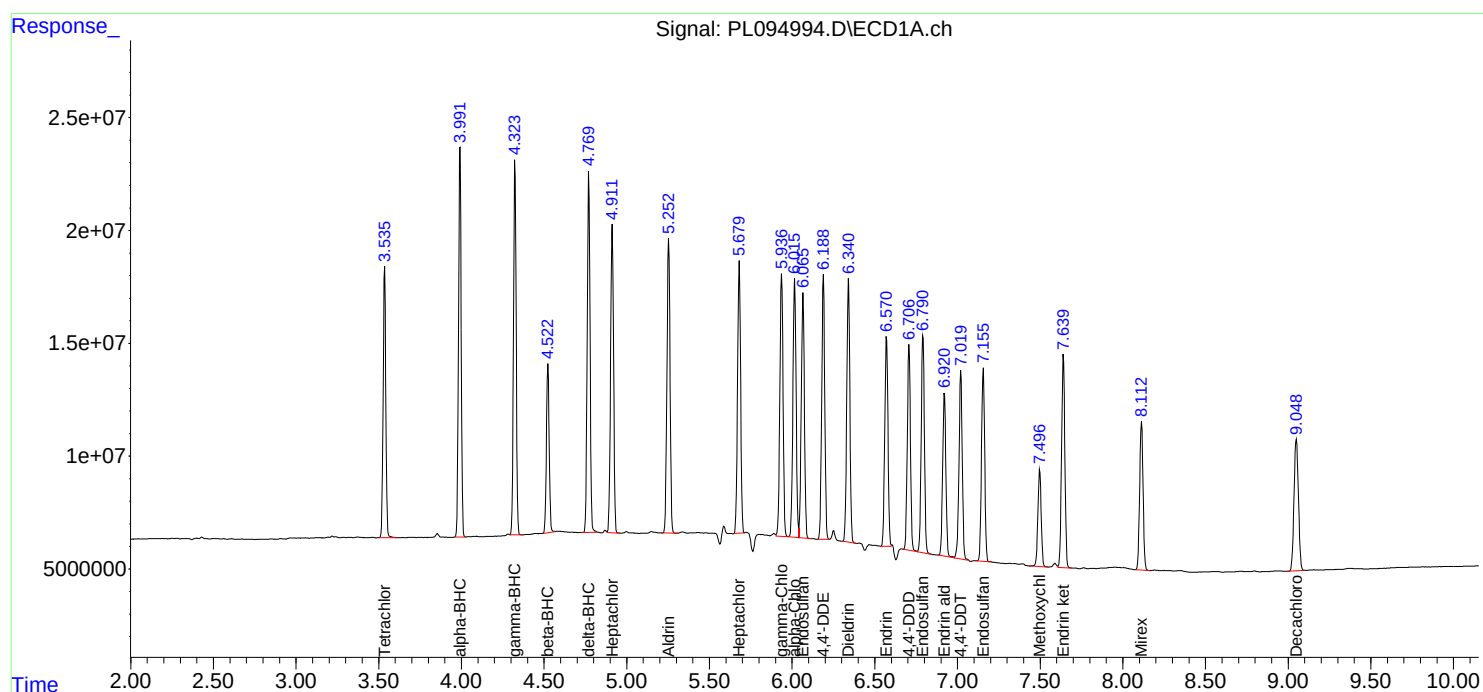
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

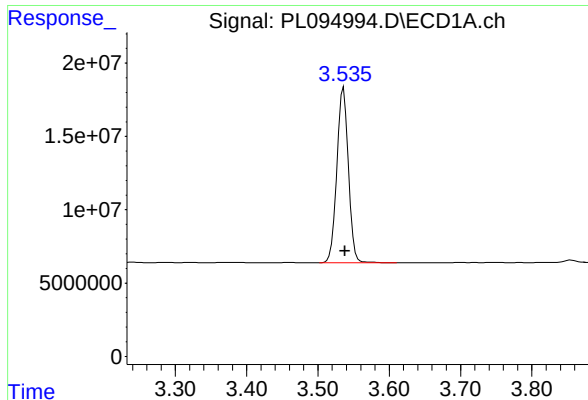
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:25:25 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





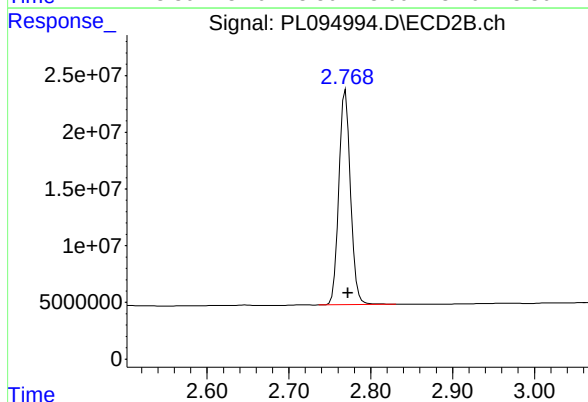
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 134496009
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

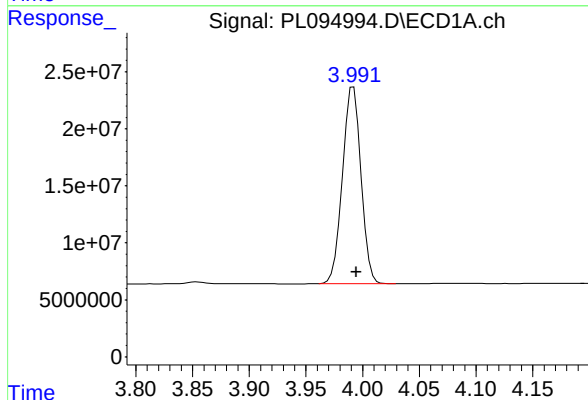
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



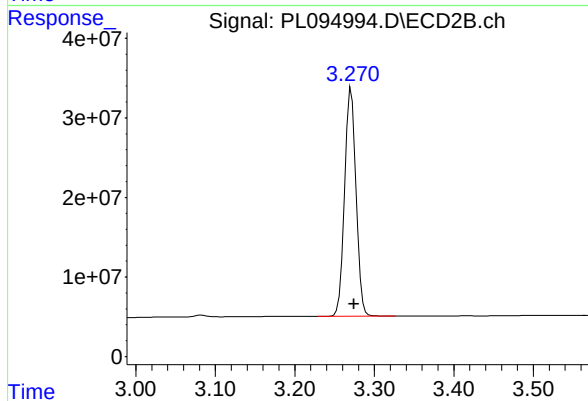
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 187510591
Conc: 52.53 ng/ml



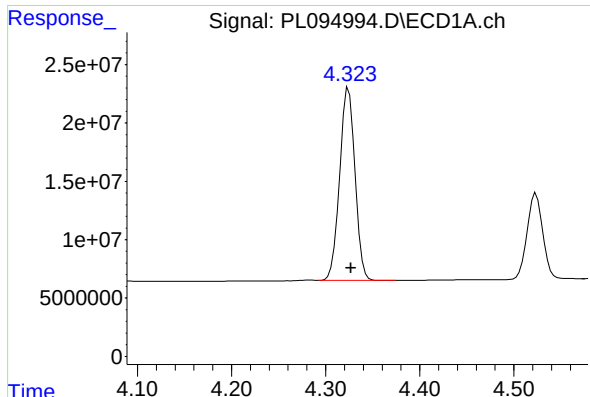
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 195512832
Conc: 47.08 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 285189062
Conc: 52.90 ng/ml



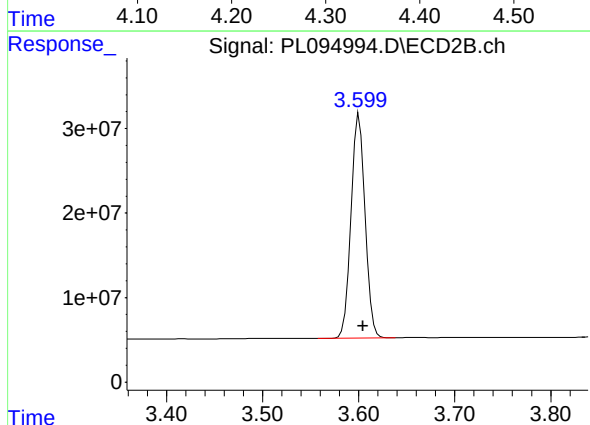
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 186886740
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

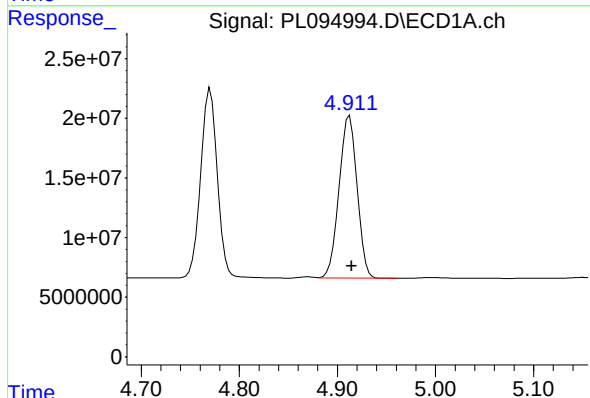
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



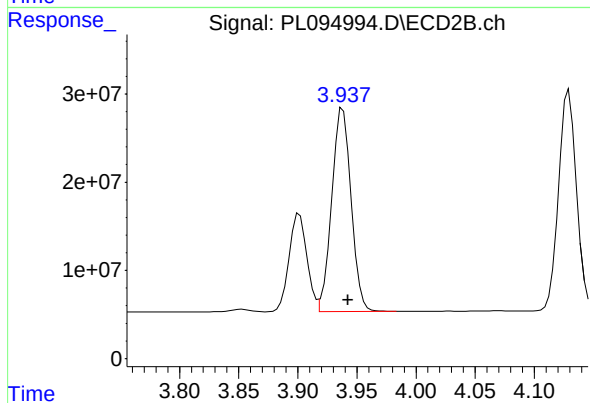
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 268517960
Conc: 52.25 ng/ml



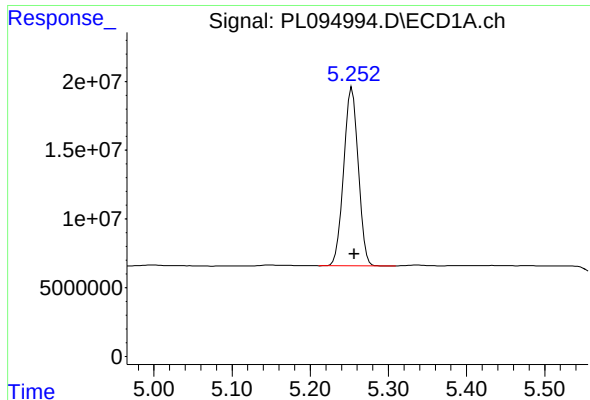
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 174275650
Conc: 44.90 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 262315627
Conc: 49.79 ng/ml



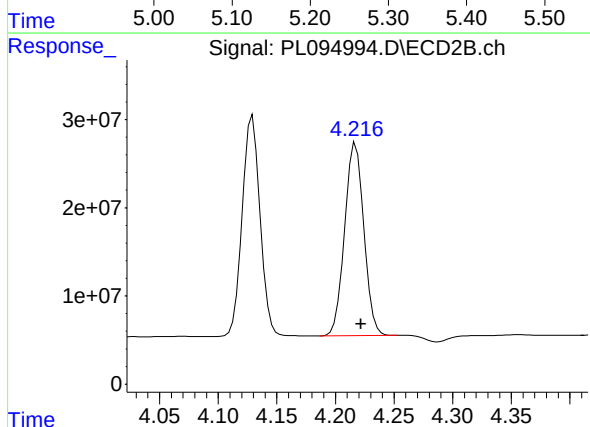
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 168073724
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

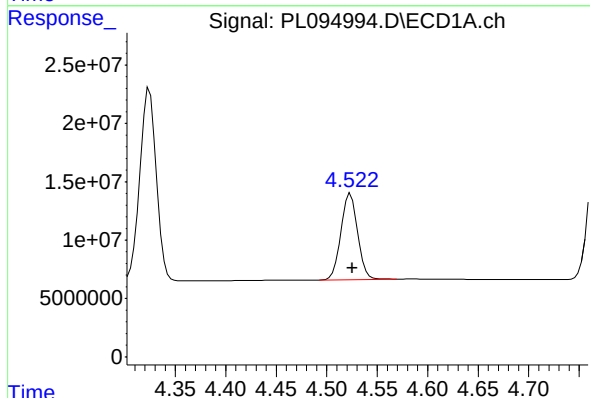
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



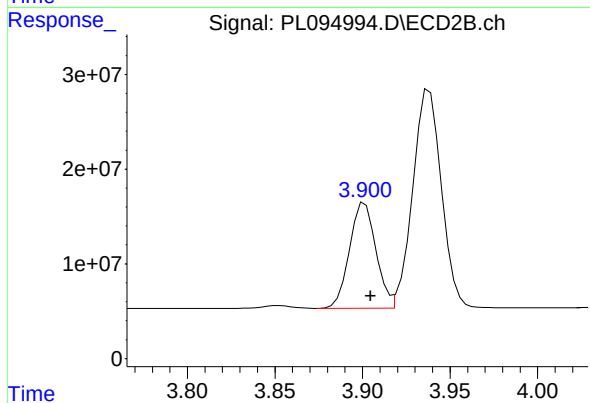
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 248767171
Conc: 51.02 ng/ml



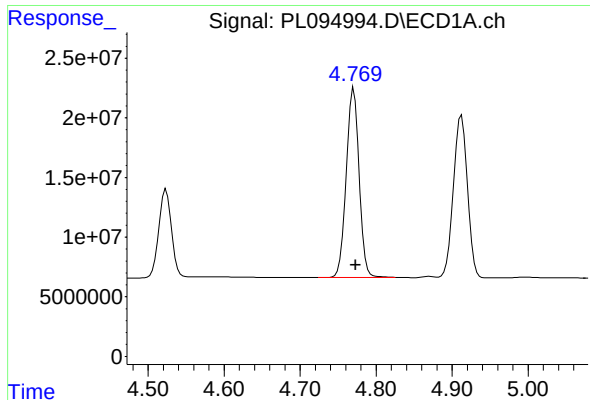
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 85308049
Conc: 46.23 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 116729001
Conc: 52.55 ng/ml



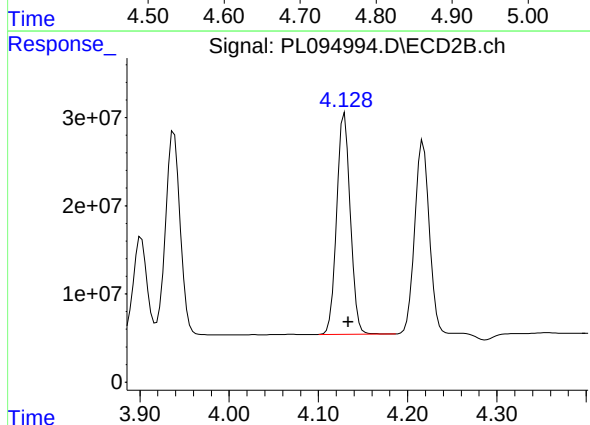
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 187026263
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

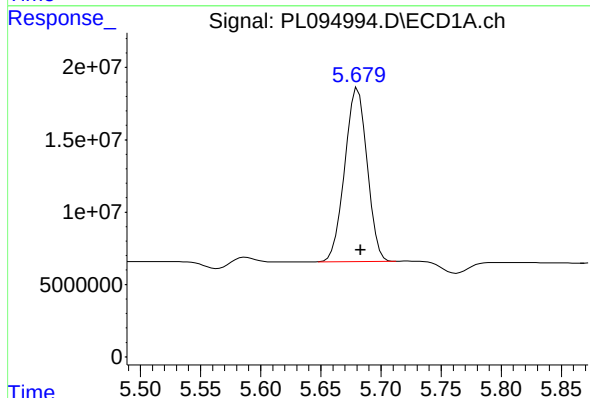
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



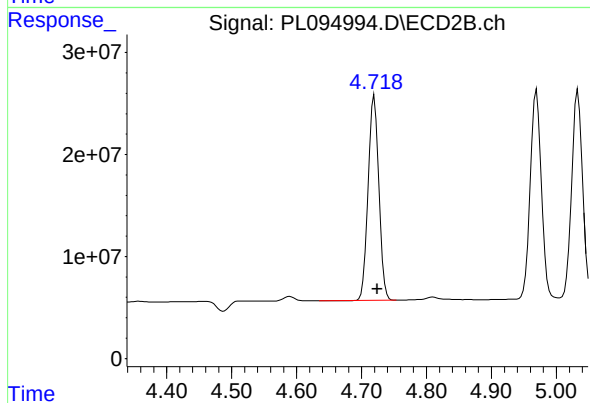
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 265854300
Conc: 53.15 ng/ml



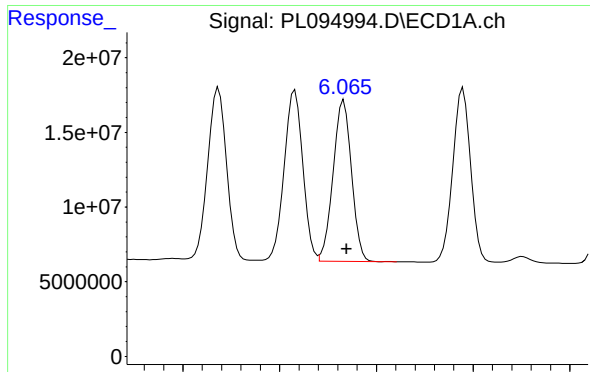
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 155697993
Conc: 46.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 230833754
Conc: 50.42 ng/ml



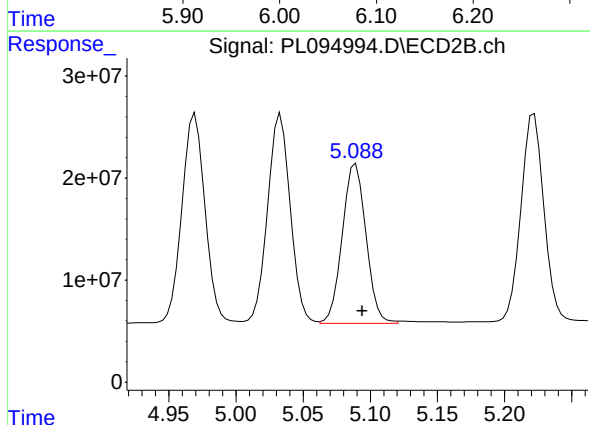
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 142924033
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

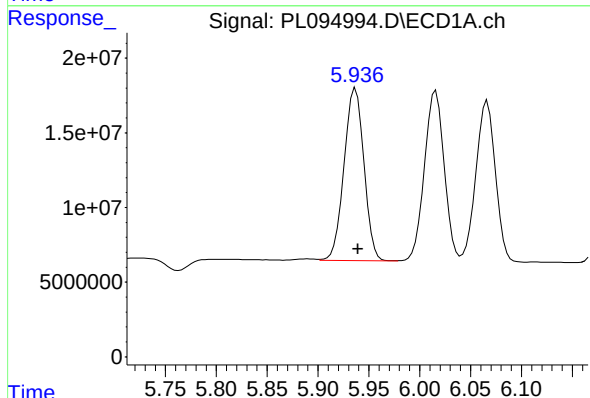
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



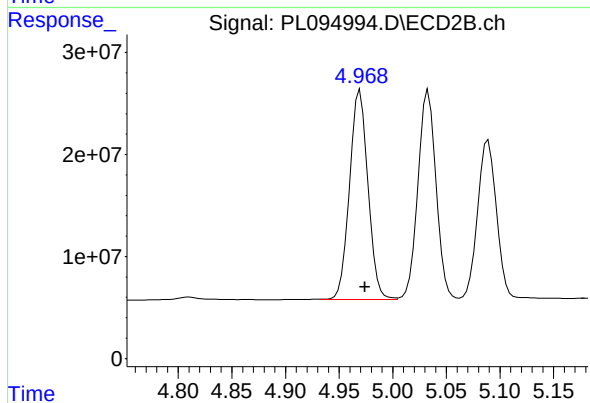
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 192868544
Conc: 43.95 ng/ml m



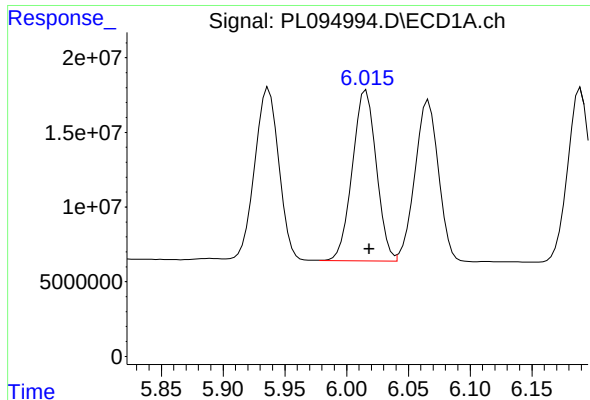
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 157156886
Conc: 46.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 245626029
Conc: 50.87 ng/ml m



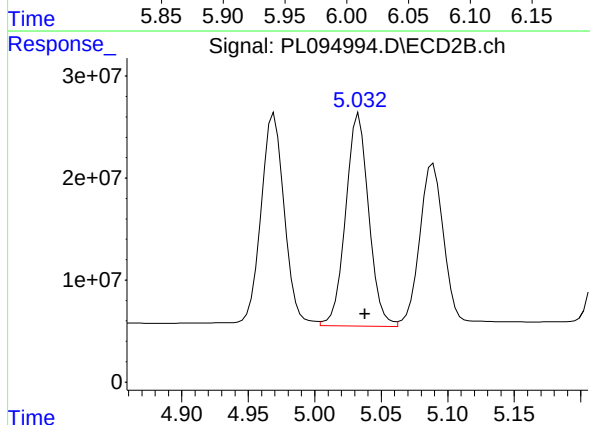
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 154335811
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

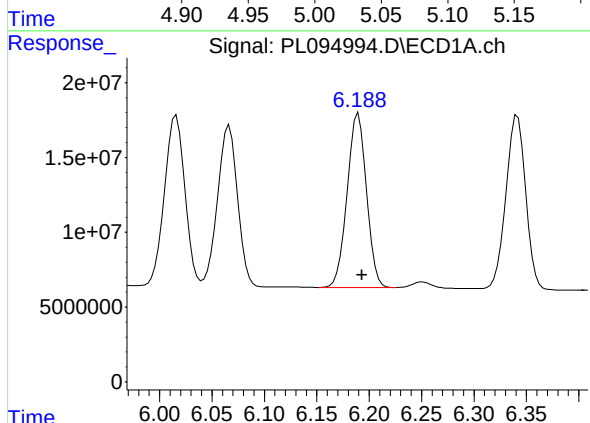
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



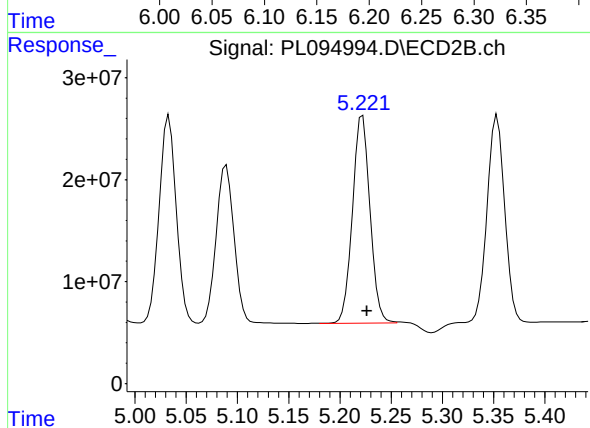
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 251666980
Conc: 52.73 ng/ml



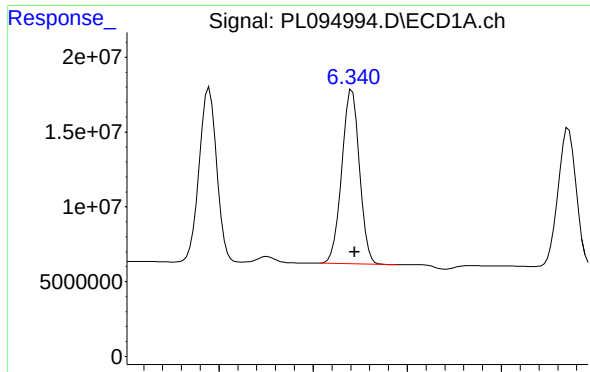
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 150216148
Conc: 51.06 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 242102424
Conc: 52.08 ng/ml m



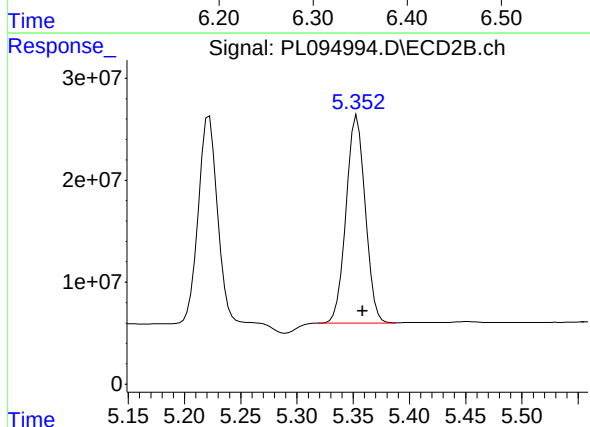
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 152078313
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

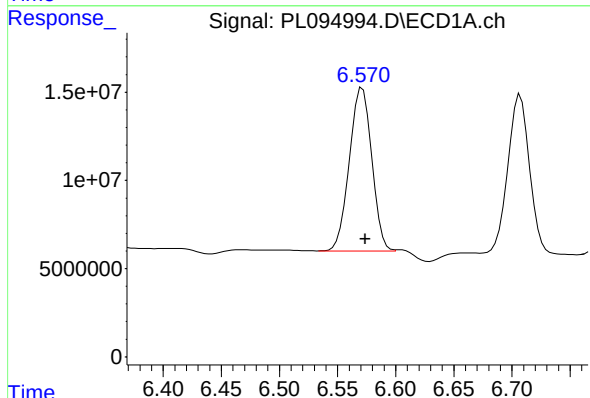
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



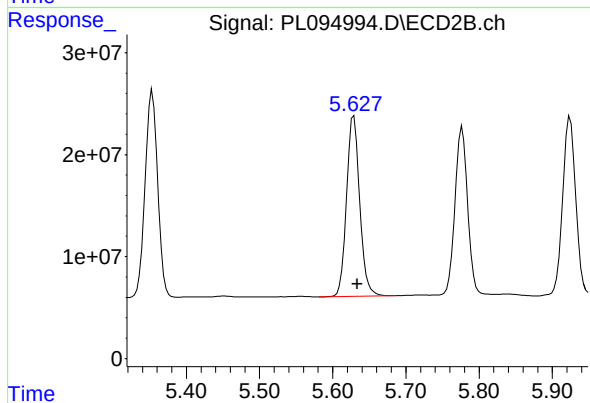
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 242266774
Conc: 49.93 ng/ml



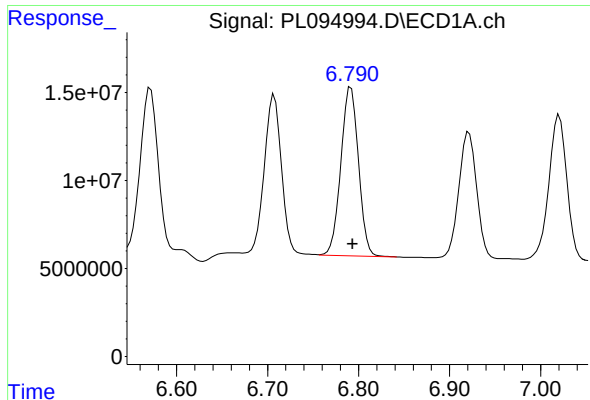
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 124064851
Conc: 44.76 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 221480155
Conc: 50.76 ng/ml



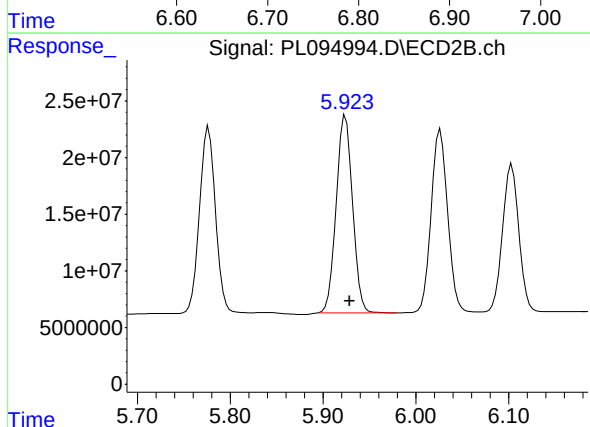
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 129065389
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

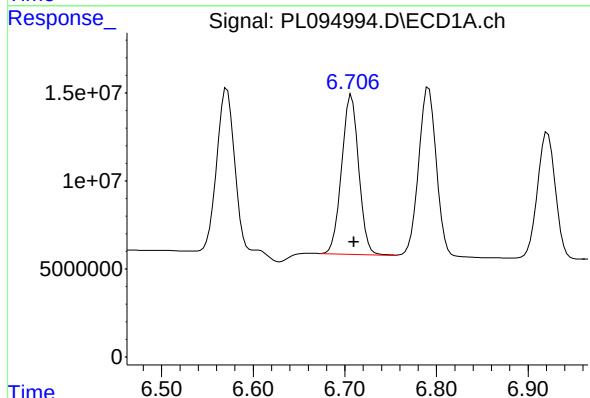
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



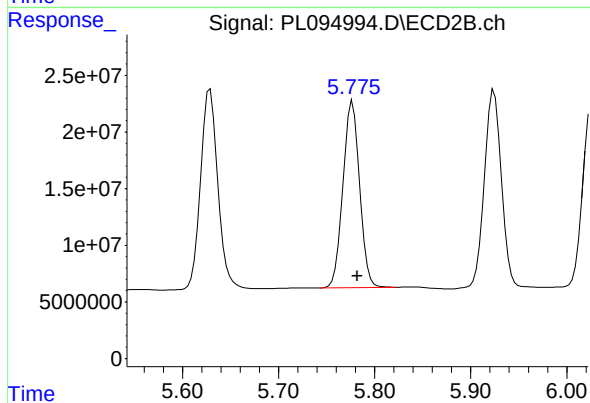
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 214214823
Conc: 49.49 ng/ml



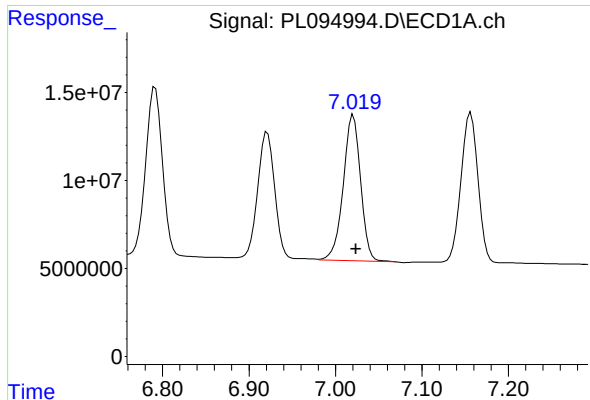
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 117853086
Conc: 54.41 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 196797601
Conc: 54.73 ng/ml



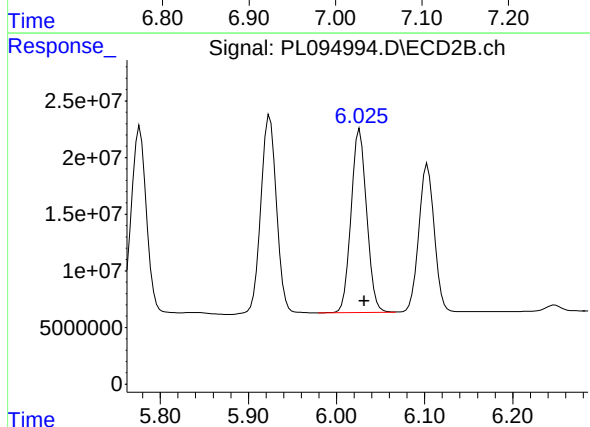
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 114749971
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

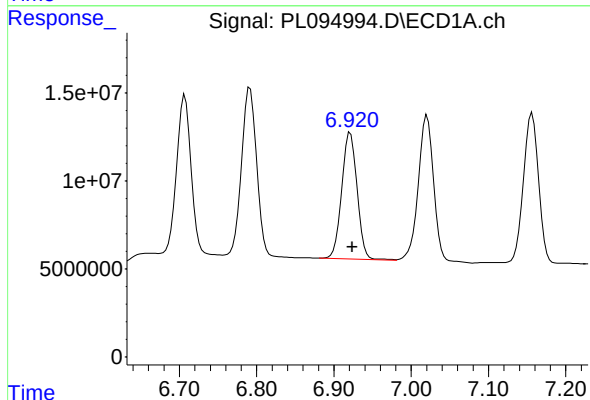
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



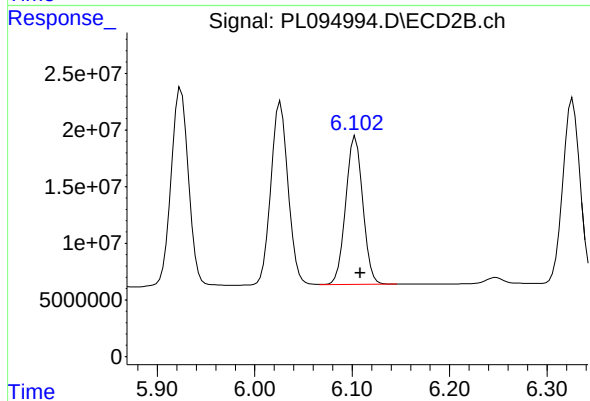
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 199723746
Conc: 49.53 ng/ml



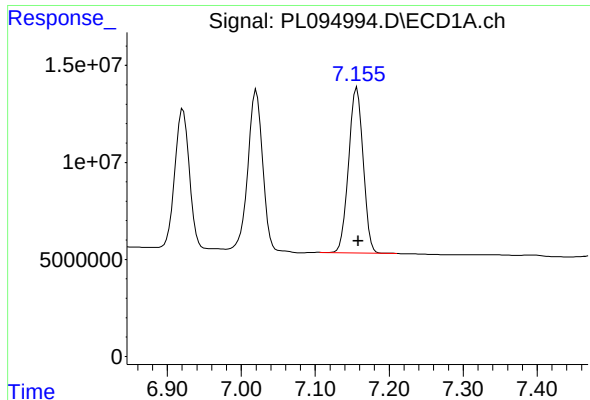
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 98514268
Conc: 46.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 159434823
Conc: 47.38 ng/ml



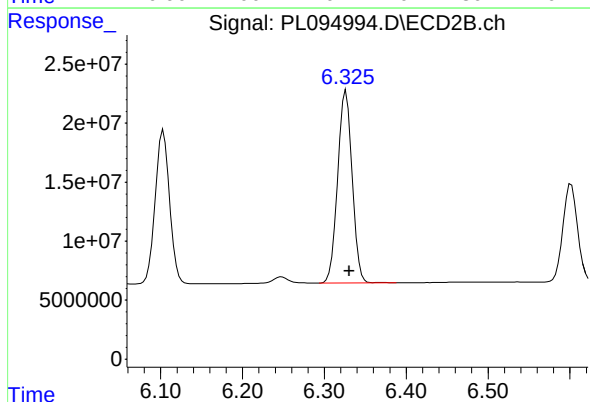
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 116346762
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

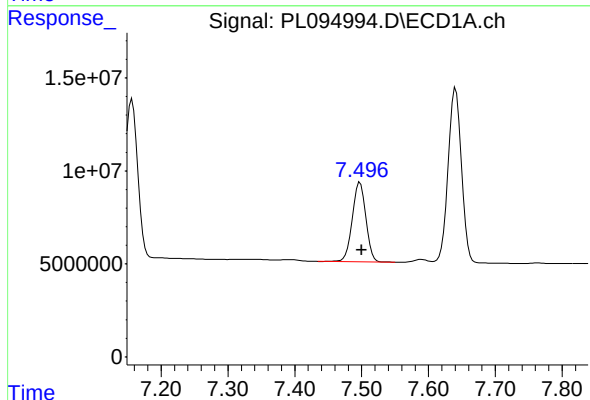
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



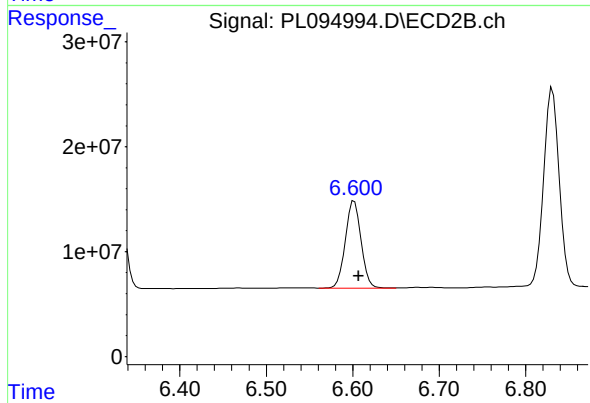
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 201225490
Conc: 49.40 ng/ml



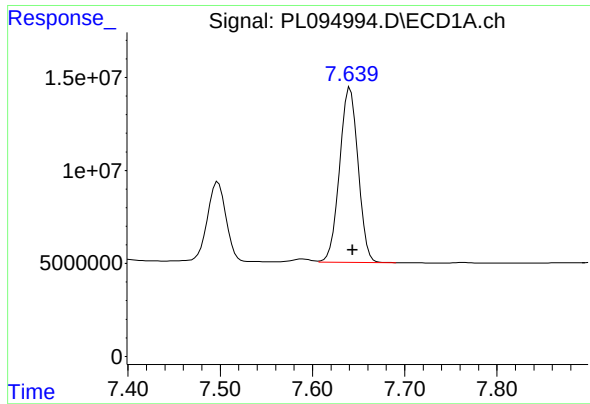
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 60043590
Conc: 50.16 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 104529178
Conc: 49.28 ng/ml



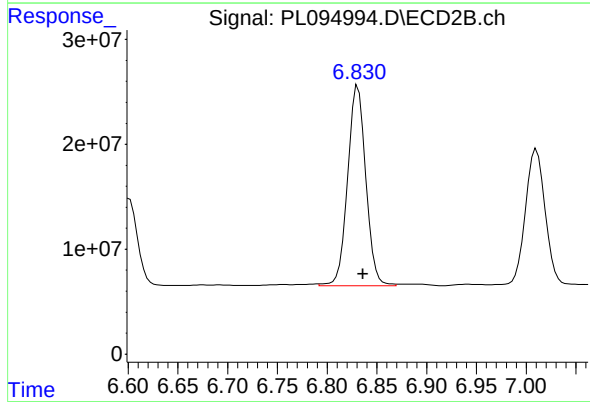
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 130653012
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

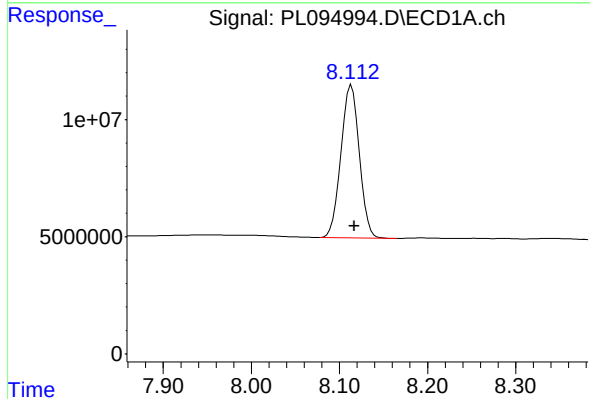
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



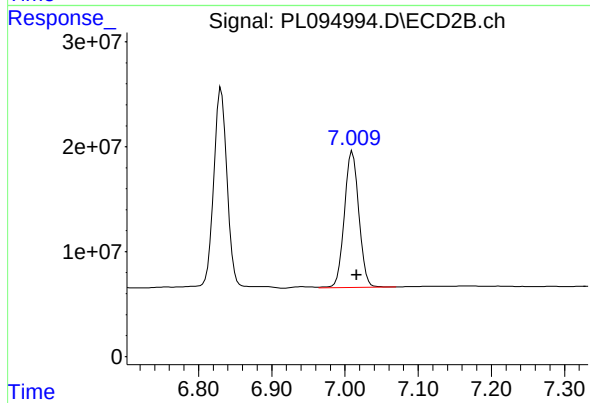
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 243105044
Conc: 50.94 ng/ml m



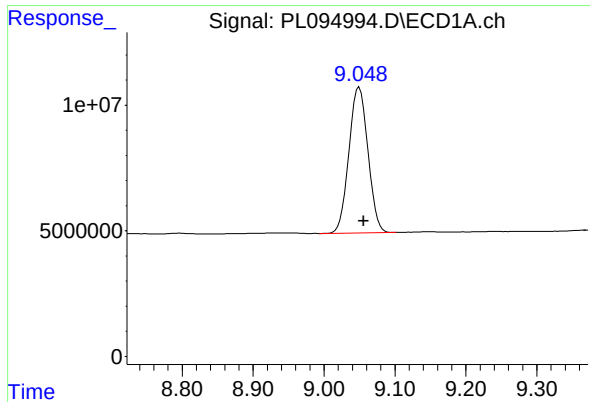
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 94765638
Conc: 45.86 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 178886991
Conc: 47.13 ng/ml



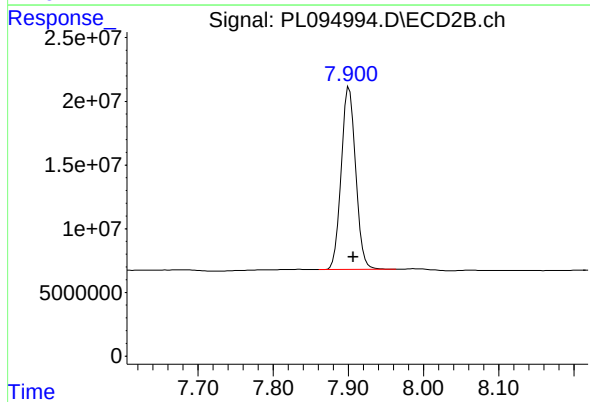
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 108157180
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 191139936
Conc: 47.32 ng/ml