

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
 Data File : PL094933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 13:38
 Operator : AR\AJ
 Sample : PB167367BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167367BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:15:03 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...	3.535	2.769	59392516	76265165	20.982	21.367
28)	SA Decachlor...	9.049	7.900	47074108	89360504	22.337	22.122
Target Compounds							
2)	A alpha-BHC	3.991	3.271	205.9E6	314.6E6	49.579	58.355
3)	MA gamma-BHC...	4.324	3.600	198.6E6	285.8E6	49.767	55.617
4)	MA Heptachlor	4.912	3.938	189.9E6	286.4E6	48.930	54.351
5)	MB Aldrin	5.252	4.217	180.9E6	268.7E6	48.990	55.100
6)	B beta-BHC	4.523	3.901	91241704	123.8E6	49.448	55.749
7)	B delta-BHC	4.770	4.129	175.8E6	237.7E6	45.154	47.520
8)	B Heptachlo...	5.678	4.719	172.7E6	251.7E6	51.618m	54.983
9)	A Endosulfan I	6.065	5.089	159.0E6	235.6E6	51.793	53.691
10)	B gamma-Chl...	5.936	4.969	170.0E6	265.0E6	50.446	54.878
11)	B alpha-Chl...	6.014	5.032	169.2E6	260.3E6	51.322	54.531
12)	B 4,4'-DDE	6.188	5.220	167.9E6	266.7E6	57.053	57.369m
13)	MA Dieldrin	6.340	5.351	168.3E6	267.1E6	52.614	55.052m
14)	MA Endrin	6.568	5.628	143.4E6	247.3E6	51.734m	56.667
15)	B Endosulfa...	6.790	5.923	146.7E6	239.0E6	54.021	55.215
16)	A 4,4'-DDD	6.706	5.776	128.2E6	217.1E6	59.190	60.385
17)	MA 4,4'-DDT	7.020	6.026	135.2E6	237.4E6	56.858	58.881
18)	B Endrin al...	6.920	6.102	111.5E6	187.1E6	52.825	55.600
19)	B Endosulfa...	7.154	6.325	127.4E6	228.3E6	52.391	56.052
20)	A Methoxychlor	7.496	6.600	69259748	126.1E6	57.858	59.431m
21)	B Endrin ke...	7.640	6.829	143.0E6	272.6E6	54.097	57.119m
22)	Mirex	8.112	7.008	104.8E6	204.0E6	50.708	53.754m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
Data File : PL094933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2025 13:38
Operator : AR\AJ
Sample : PB167367BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

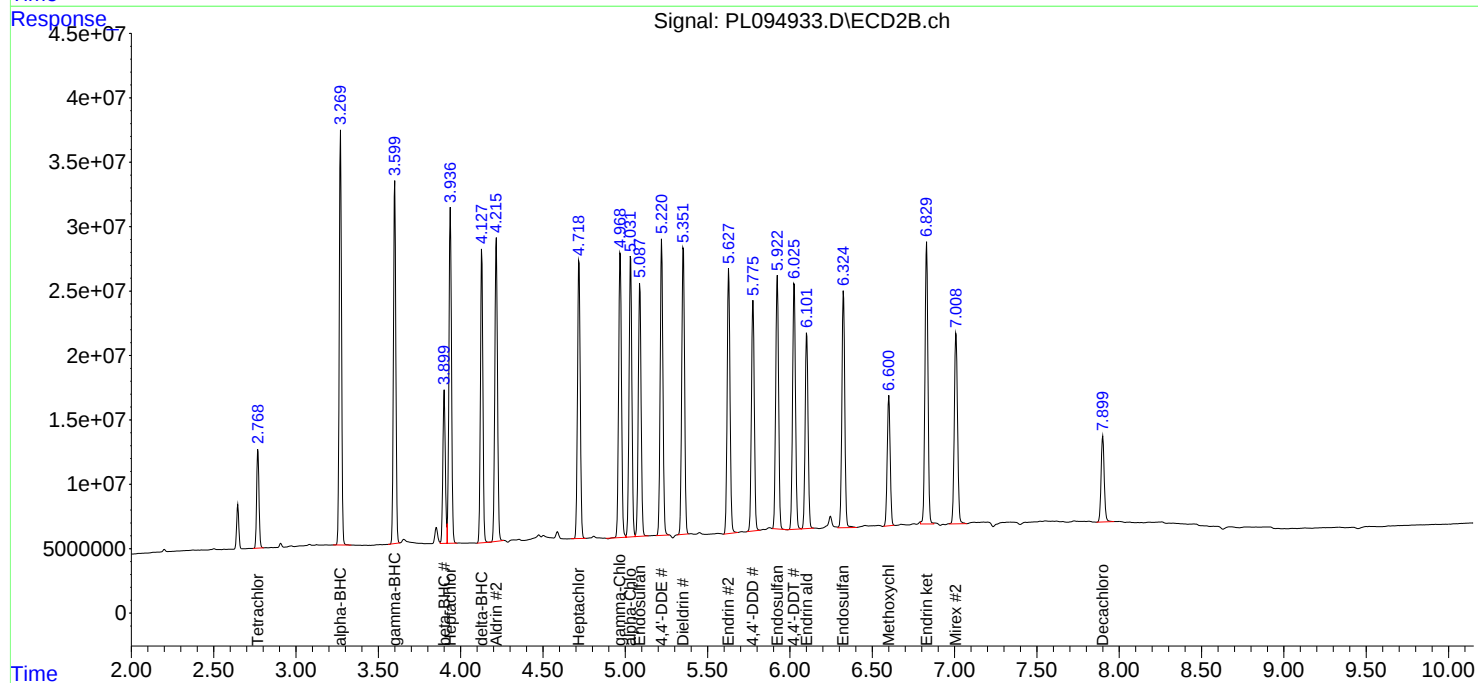
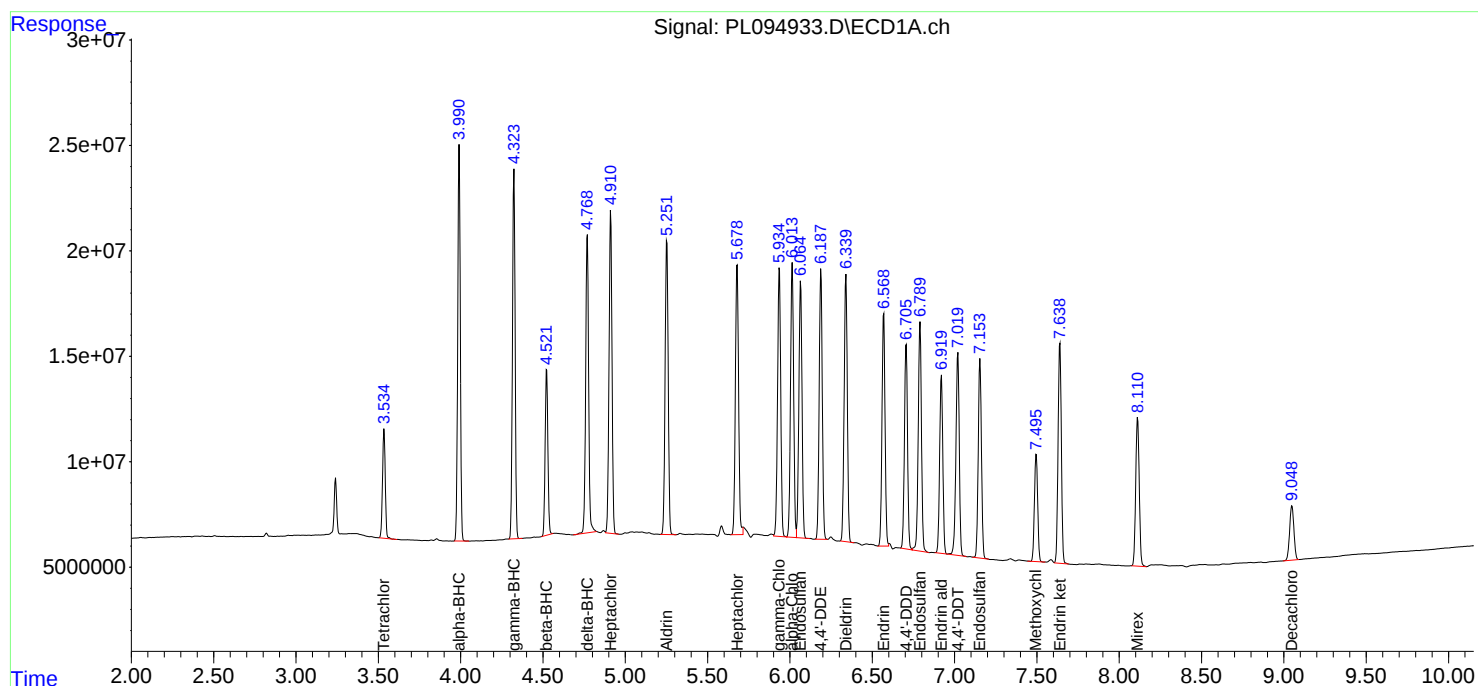
Instrument :
ECD_L
ClientSampleId :
PB167367BS

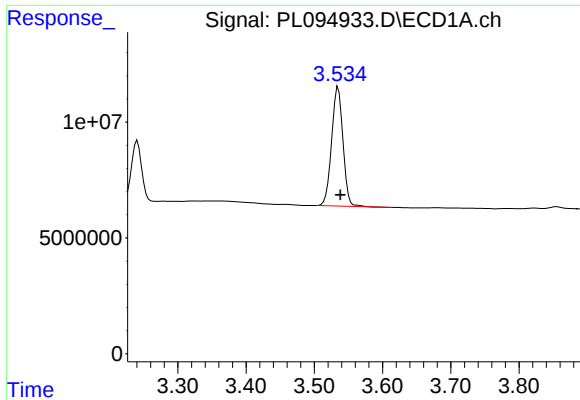
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 23:15:03 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





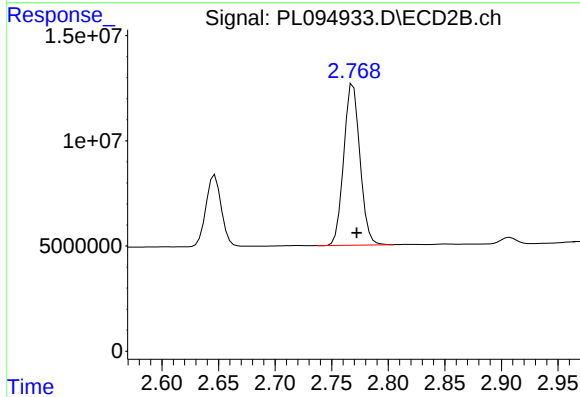
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 59392516
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

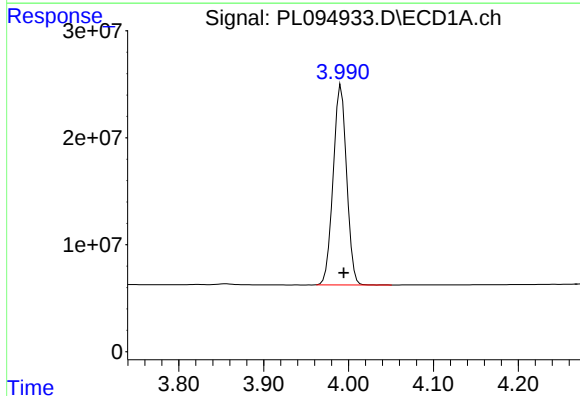
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



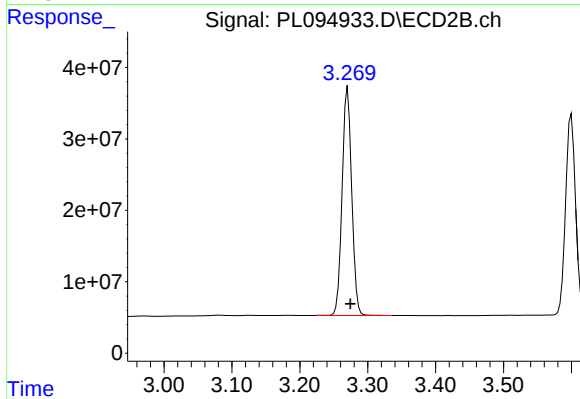
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 76265165
Conc: 21.37 ng/ml



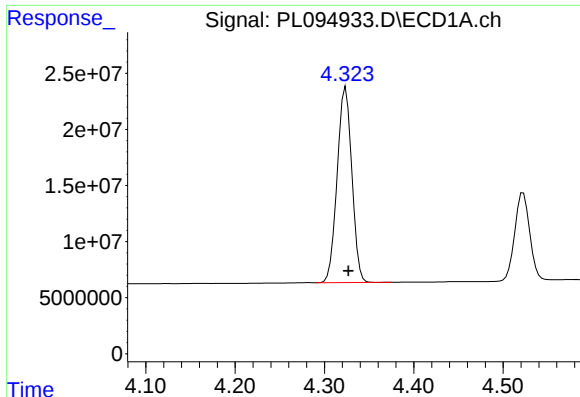
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 205870763
Conc: 49.58 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 314613367
Conc: 58.35 ng/ml



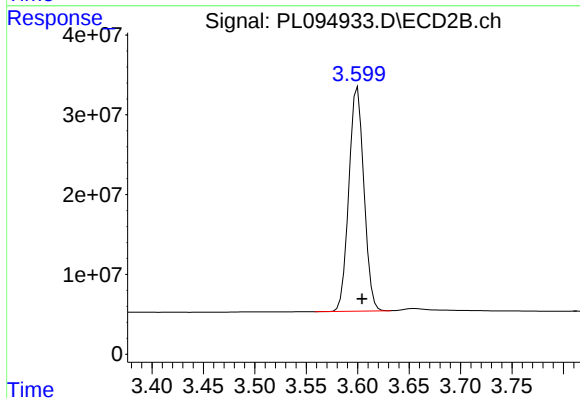
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 198582824
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

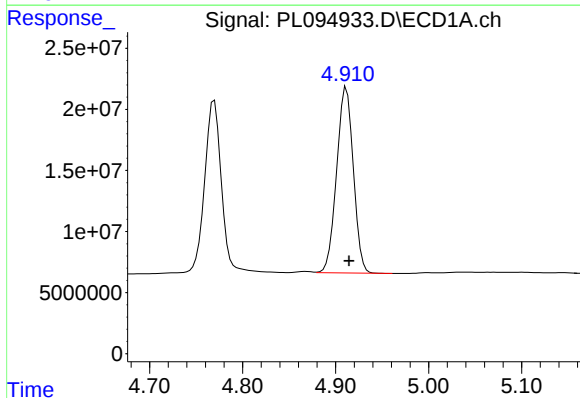
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



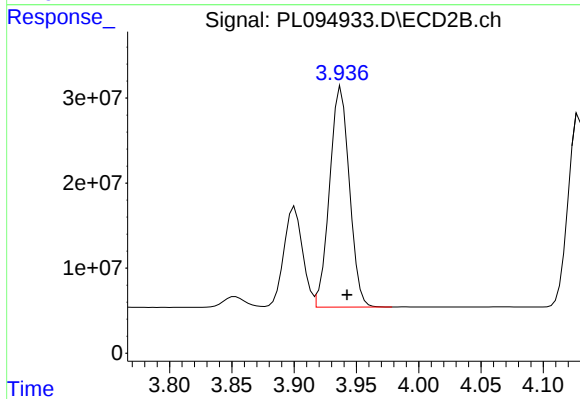
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 285840883
Conc: 55.62 ng/ml



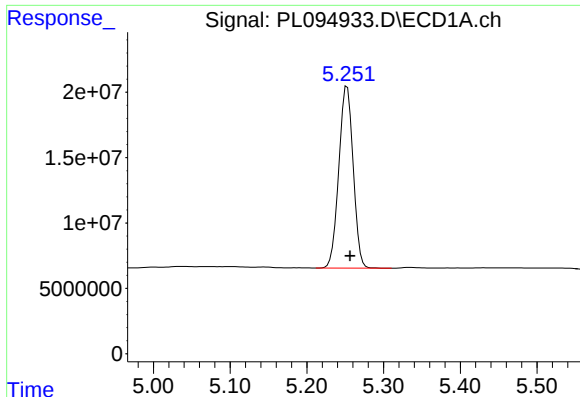
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 189928261
Conc: 48.93 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 286358206
Conc: 54.35 ng/ml



#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 180881743
Conc: 48.99 ng/ml

Instrument :

ECD_L

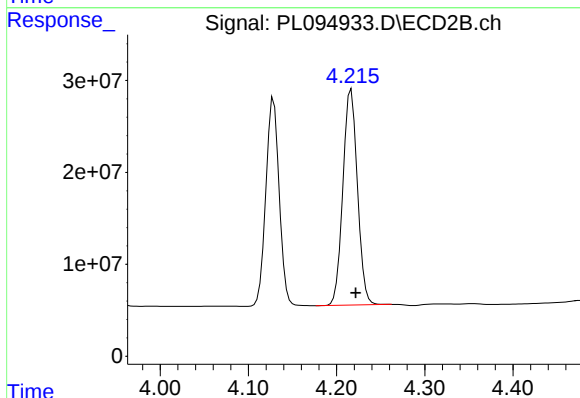
ClientSampleId :

PB167367BS

Manual Integrations

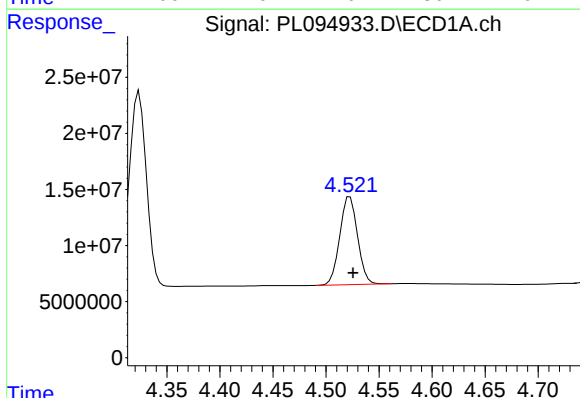
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



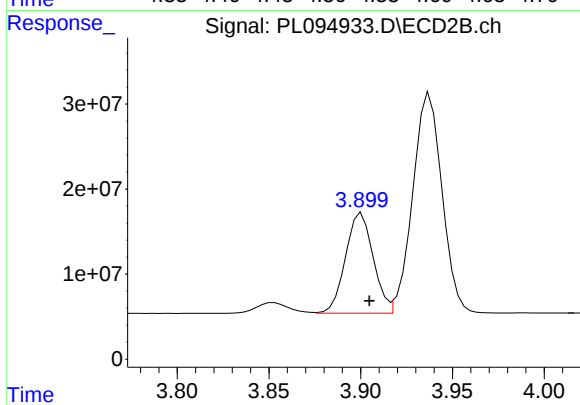
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 268685798
Conc: 55.10 ng/ml



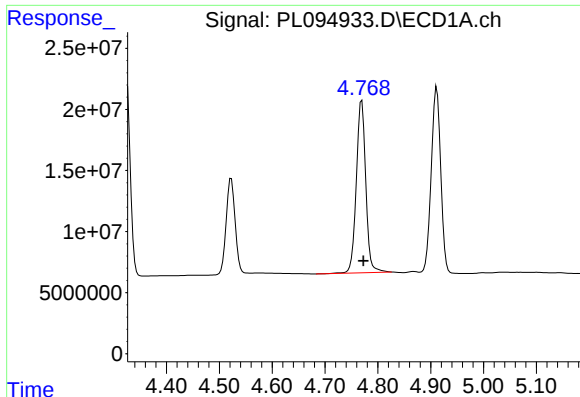
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 91241704
Conc: 49.45 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 123835130
Conc: 55.75 ng/ml



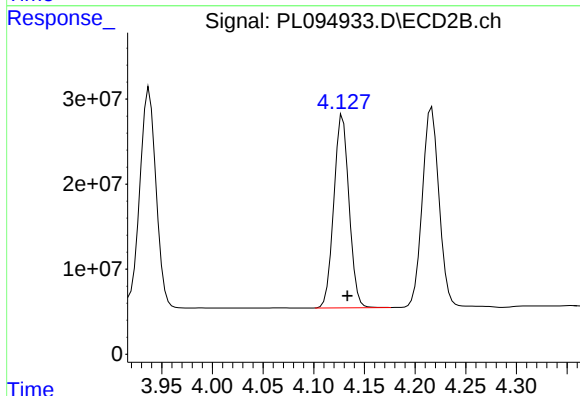
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 175843231
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

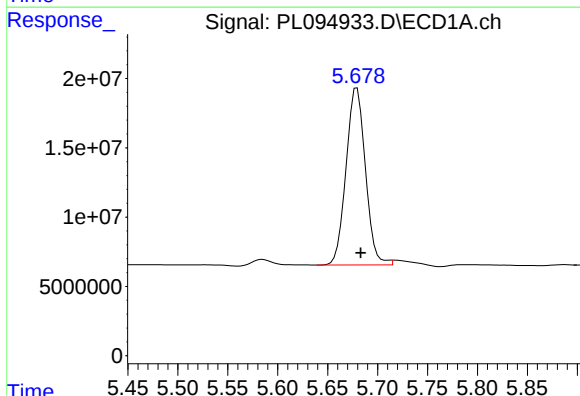
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



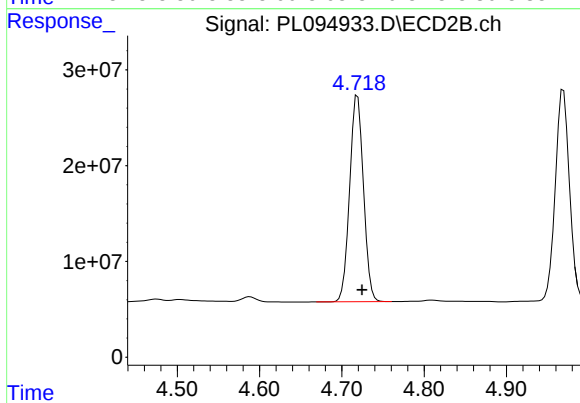
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 237692959
Conc: 47.52 ng/ml



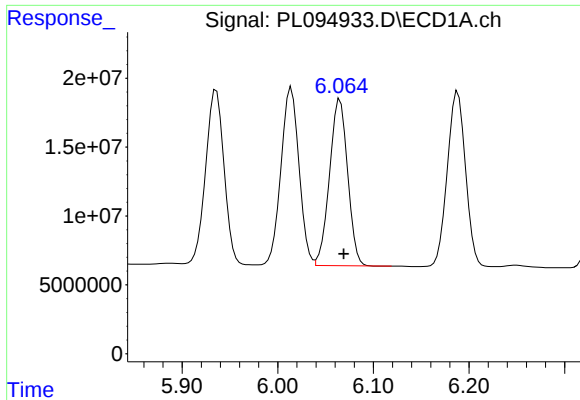
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 172670813
Conc: 51.62 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 251744726
Conc: 54.98 ng/ml



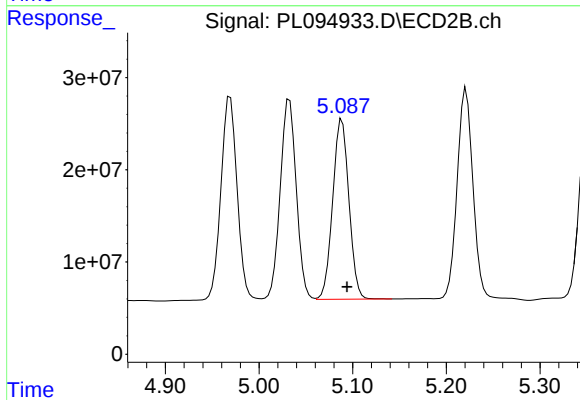
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 159016093
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

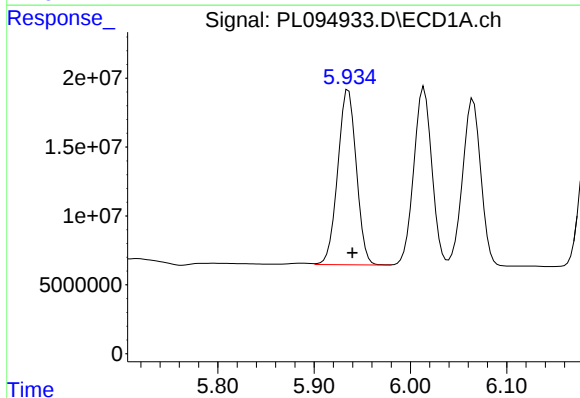
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



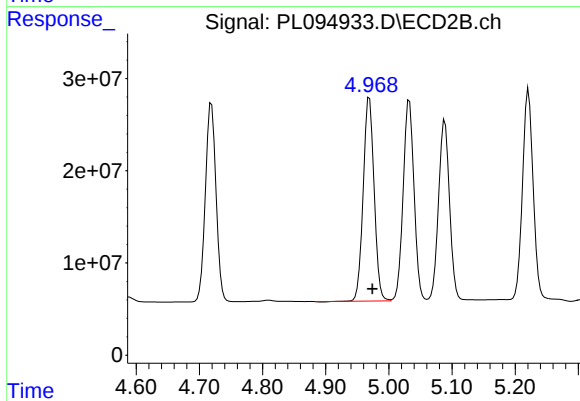
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 235635222
Conc: 53.69 ng/ml



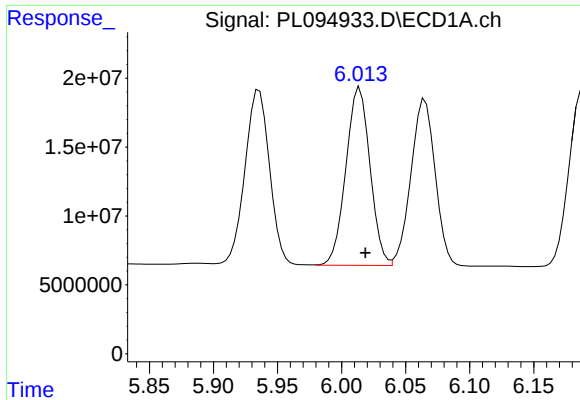
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 169970540
Conc: 50.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 264971749
Conc: 54.88 ng/ml



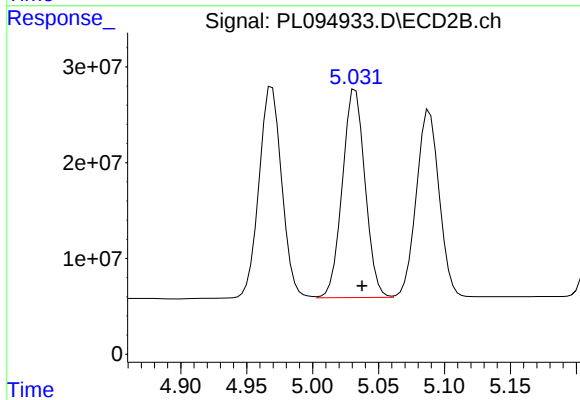
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 169201273
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

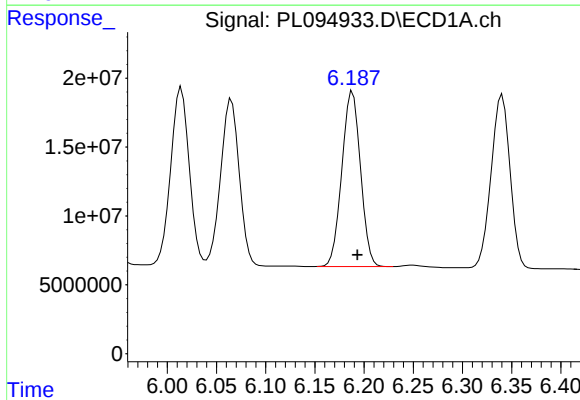
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



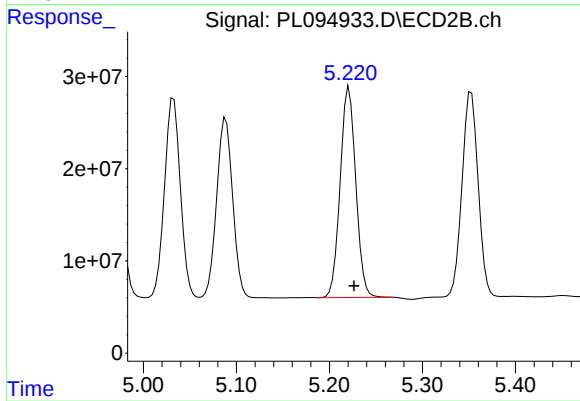
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 260266289
Conc: 54.53 ng/ml



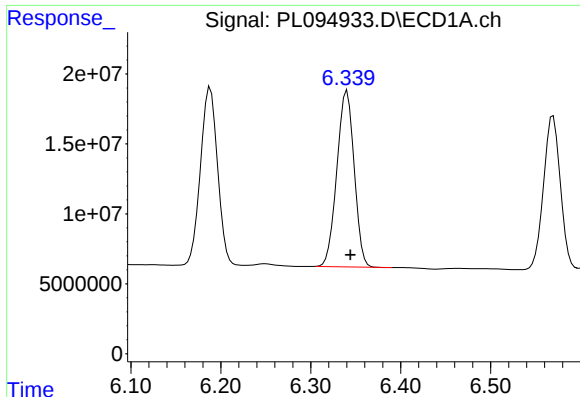
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 167852724
Conc: 57.05 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 266680252
Conc: 57.37 ng/ml m



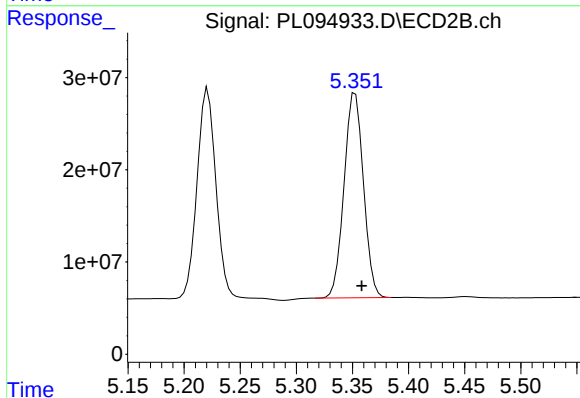
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.003 min
Response: 168267387
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

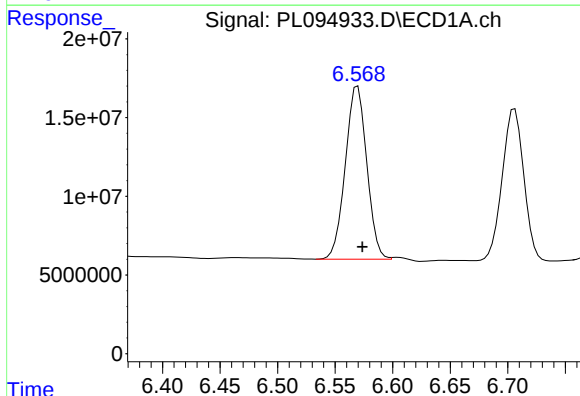
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



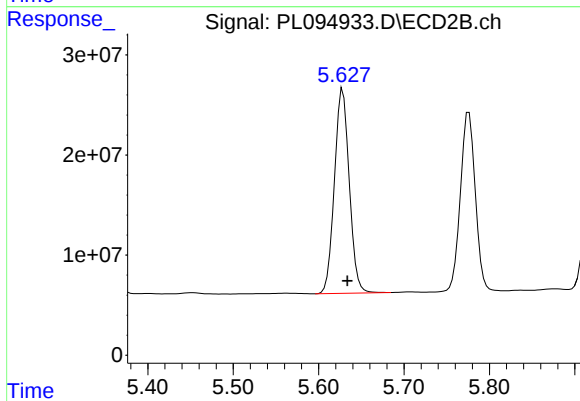
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 267101056
Conc: 55.05 ng/ml m



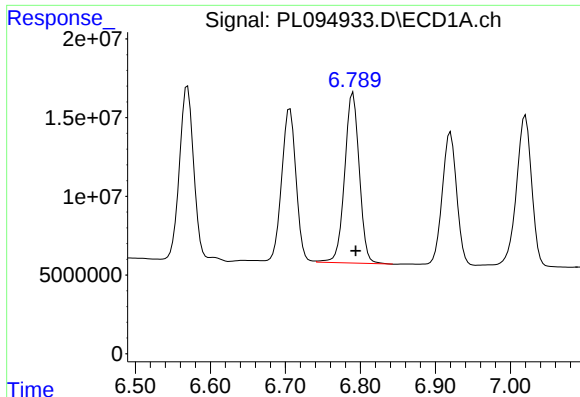
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 143410639
Conc: 51.73 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 247275289
Conc: 56.67 ng/ml



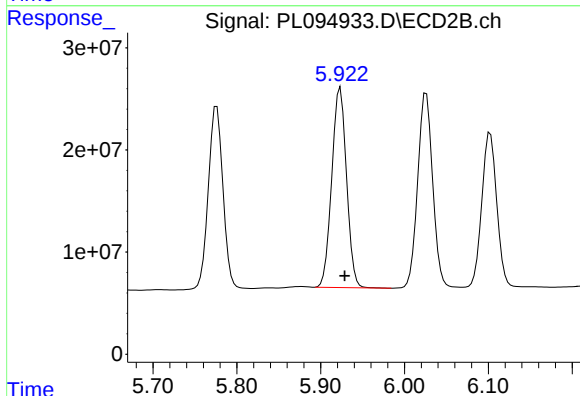
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 146653698
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

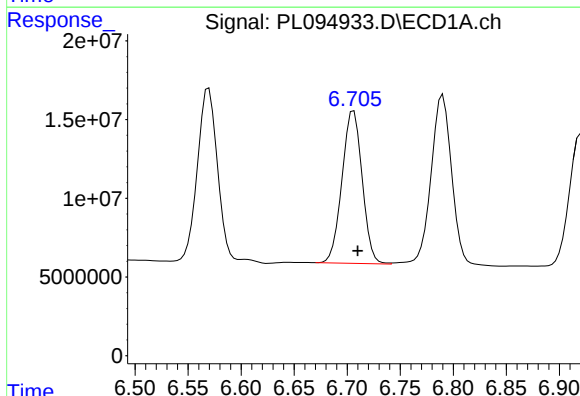
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



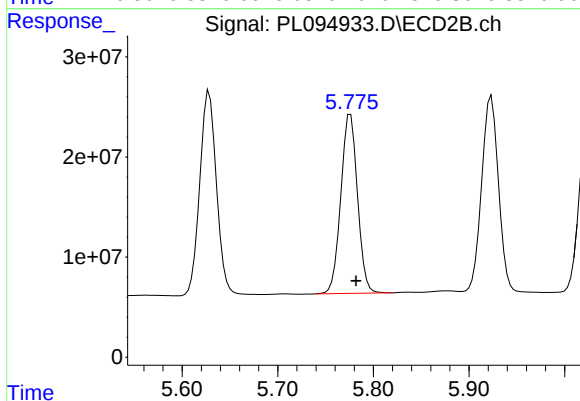
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 238984951
Conc: 55.22 ng/ml



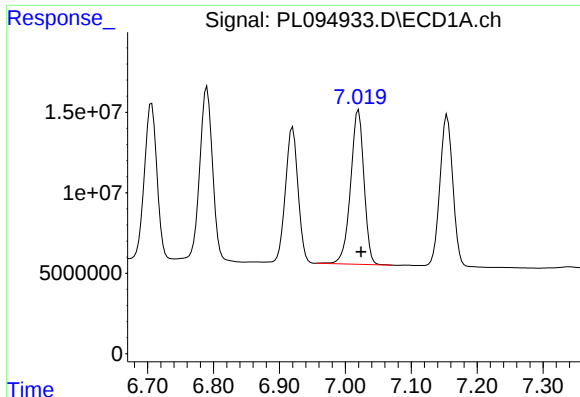
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 128208657
Conc: 59.19 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 217139654
Conc: 60.39 ng/ml



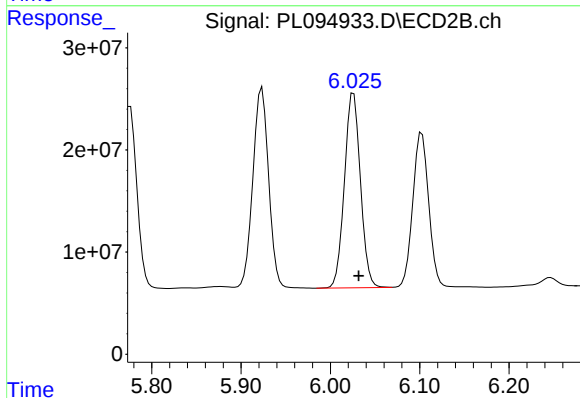
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 135238371
Conc: 56.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

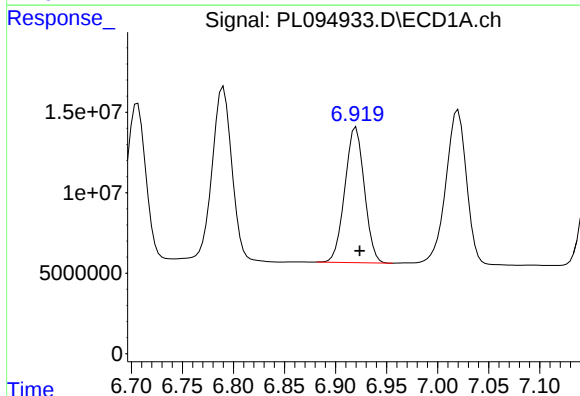
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



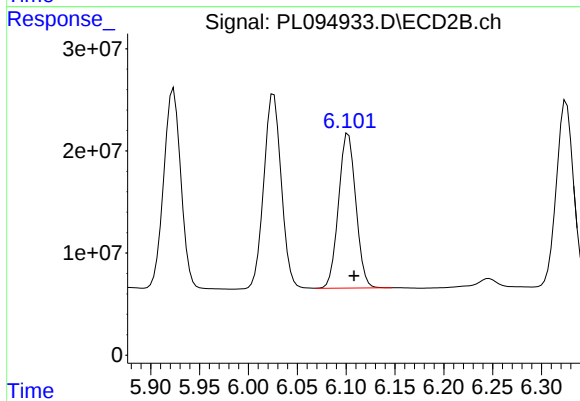
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 237413006
Conc: 58.88 ng/ml



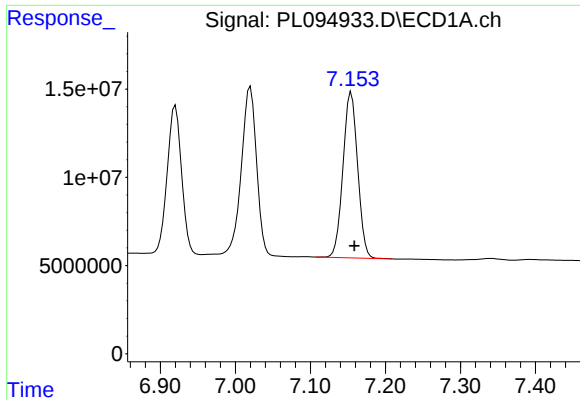
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 111512104
Conc: 52.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 187114655
Conc: 55.60 ng/ml



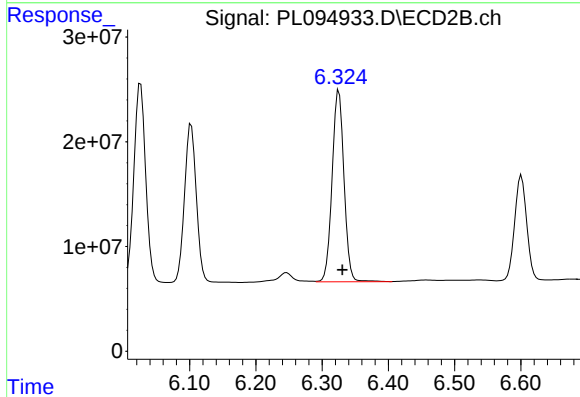
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 127416255
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

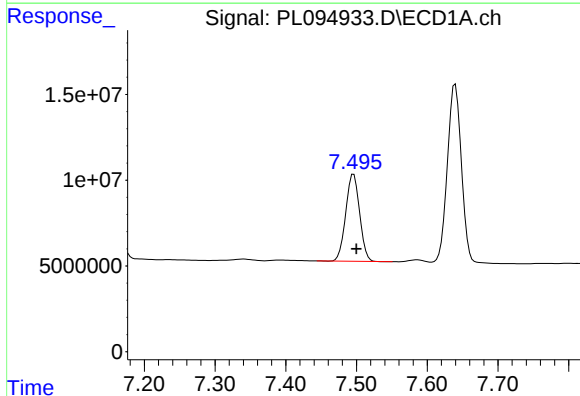
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



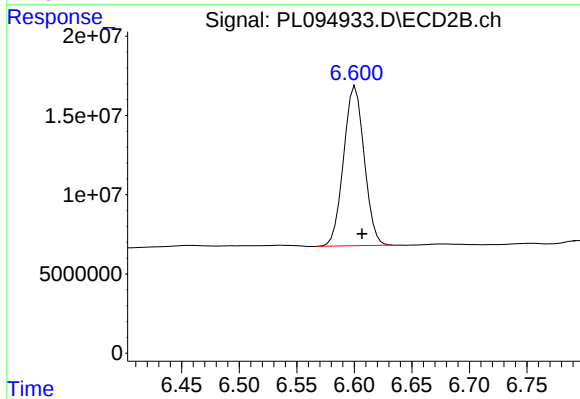
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 228324205
Conc: 56.05 ng/ml



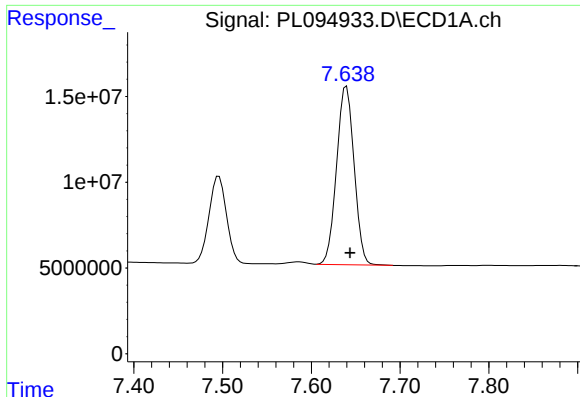
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 69259748
Conc: 57.86 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 126056715
Conc: 59.43 ng/ml m



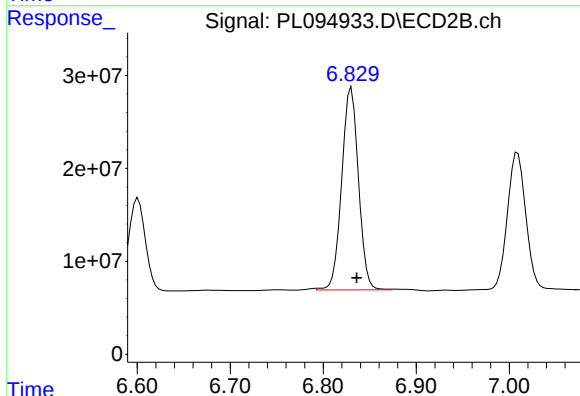
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 142992207
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

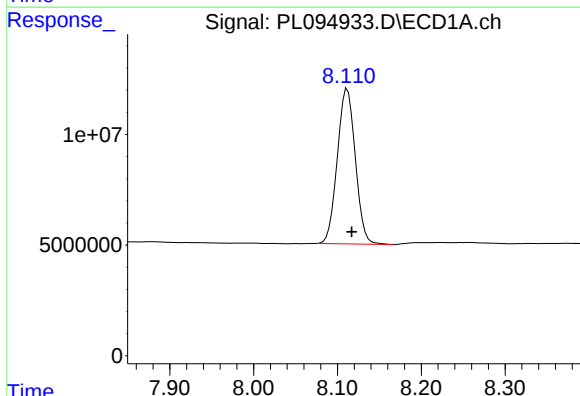
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



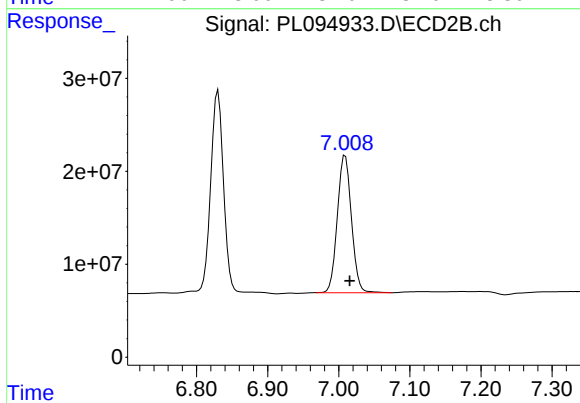
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 272602754
Conc: 57.12 ng/ml m



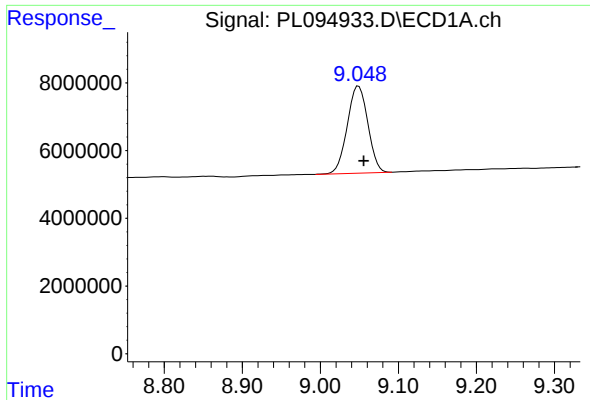
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 104777560
Conc: 50.71 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 204011639
Conc: 53.75 ng/ml m



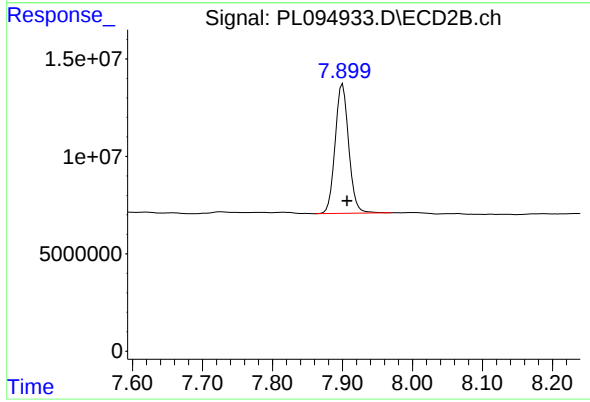
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 47074108
Conc: 22.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167367BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 89360504
Conc: 22.12 ng/ml