

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 14:43
 Operator : AR\AJ
 Sample : Q1547-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-620-JB-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 15:24:30 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	2.771	51182406	64861374	18.081	18.172
2)	SA Decachlor...	9.051	7.904	44932535	75986917	21.321	18.812
Target Compounds							
2)	A alpha-BHC	3.993	3.271	194.3E6	266.9E6	46.802	49.505m
3)	MA gamma-BHC...	4.325	3.601	189.1E6	254.3E6	47.401	49.472m
4)	MA Heptachlor	4.913	3.940	183.4E6	259.4E6	47.239	49.238
5)	MB Aldrin	5.254	4.220	172.0E6	242.2E6	46.593	49.666
6)	B beta-BHC	4.524	3.903	87697783	112.0E6	47.527	50.433
7)	B delta-BHC	4.771	4.131	183.5E6	239.1E6	47.131	47.792
8)	B Heptachlo...	5.681	4.722	159.7E6	231.7E6	47.748	50.607
9)	A Endosulfan I	6.067	5.092	148.5E6	223.1E6	48.356	50.843
10)	B gamma-Chl...	5.937	4.972	161.2E6	245.3E6	47.835	50.802
11)	B alpha-Chl...	6.016	5.035	159.5E6	242.7E6	48.373	50.850
12)	B 4,4'-DDE	6.190	5.224	152.0E6	247.2E6	51.668	53.178
13)	MA Dieldrin	6.341	5.356	156.7E6	249.5E6	49.008	51.427
14)	MA Endrin	6.571	5.630	137.5E6	228.0E6	49.589	52.239m
15)	B Endosulfa...	6.790	5.925	138.5E6	228.8E6	51.010m	52.851m
16)	A 4,4'-DDD	6.708	5.779	120.4E6	194.3E6	55.567	54.035
17)	MA 4,4'-DDT	7.021	6.029	130.5E6	222.9E6	54.874	55.289
18)	B Endrin al...	6.922	6.106	107.1E6	171.6E6	50.748	50.976
19)	B Endosulfa...	7.156	6.329	126.6E6	213.1E6	52.065	52.304
20)	A Methoxychlor	7.498	6.604	69021815	114.4E6	57.659	53.922
21)	B Endrin ke...	7.641	6.832	142.7E6	250.4E6	53.992	52.465m
22)	Mirex	8.114	7.012	106.0E6	189.6E6	51.290	49.961m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 14:43
Operator : AR\AJ
Sample : Q1547-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

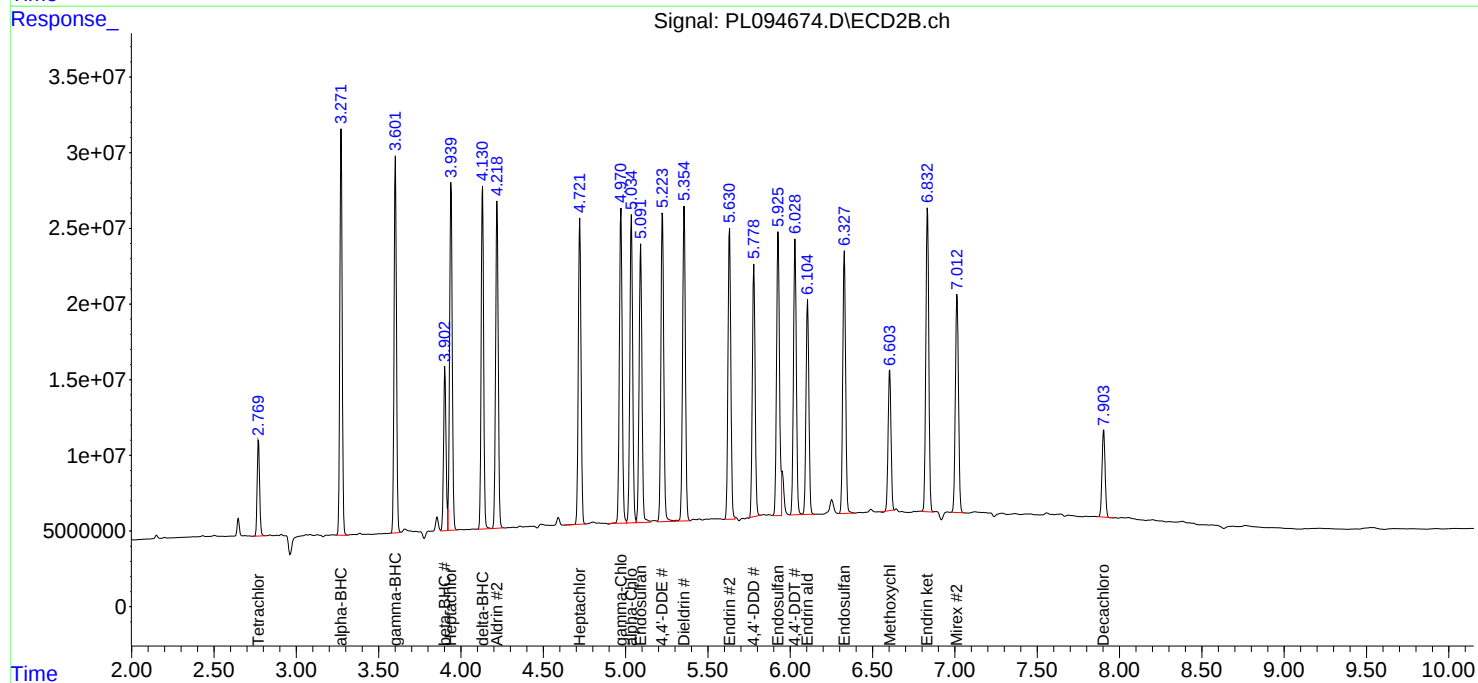
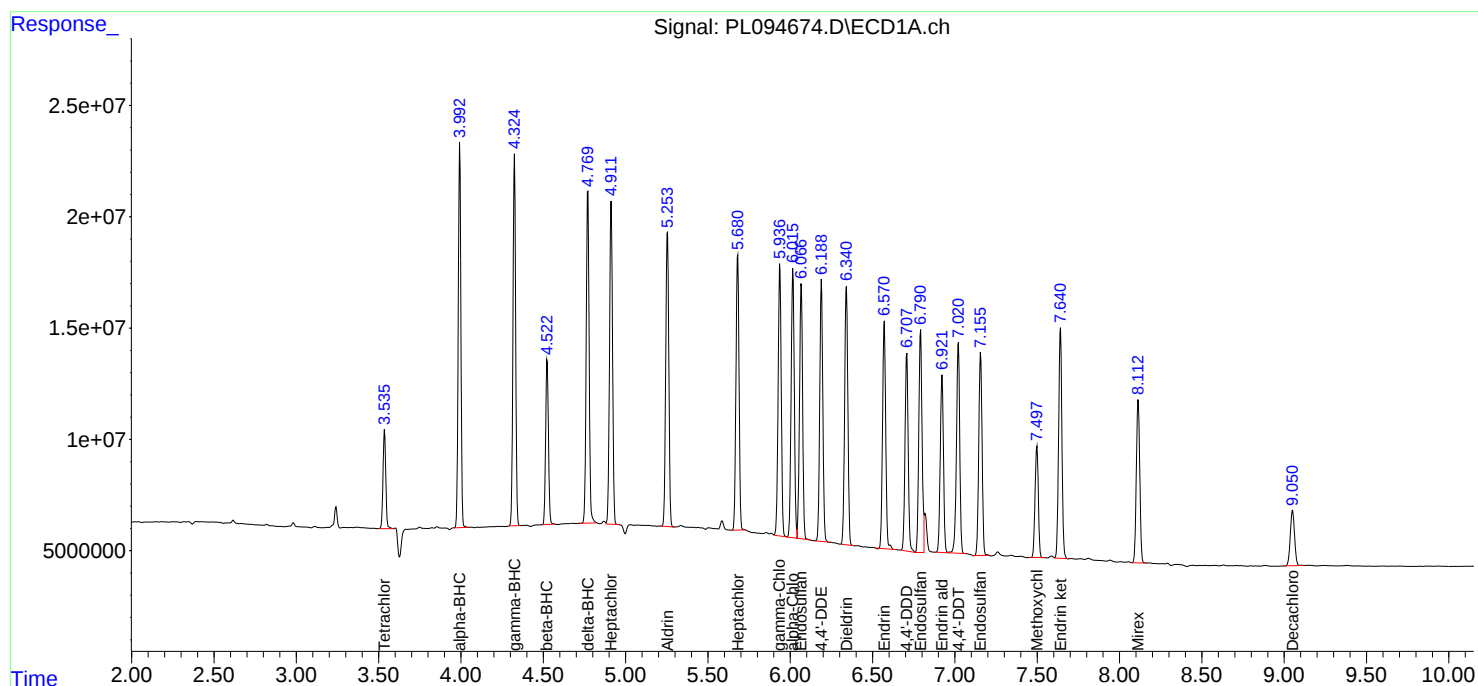
Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

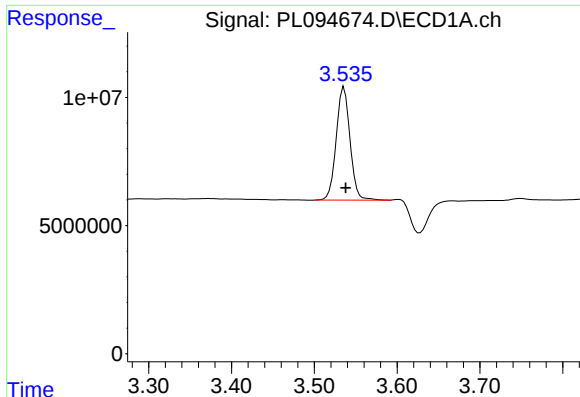
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 15:24:30 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





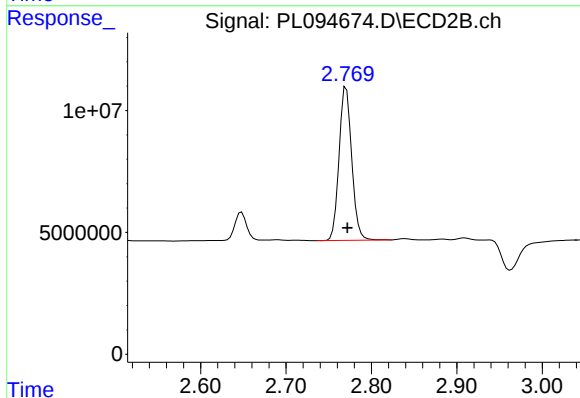
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 51182406
Conc: 18.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

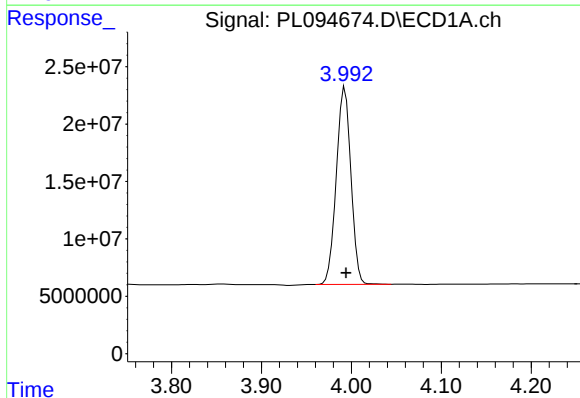
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



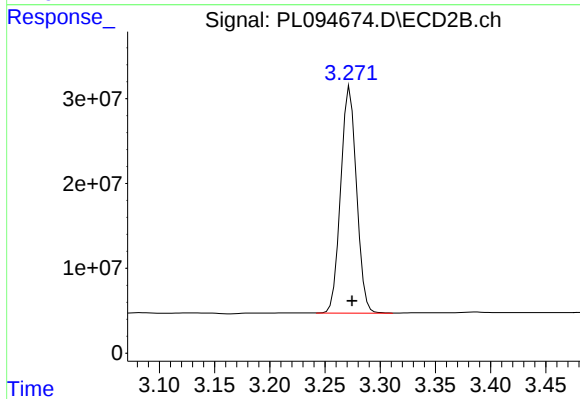
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 64861374
Conc: 18.17 ng/ml



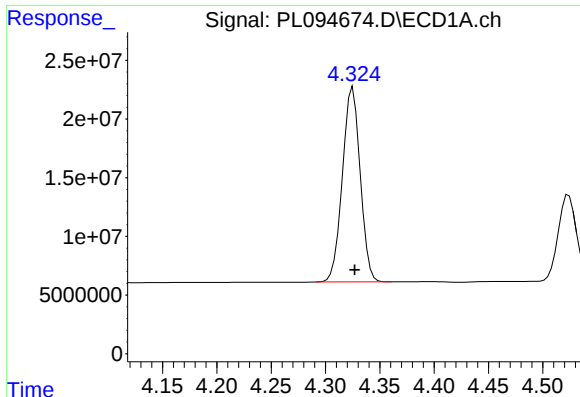
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 194336946
Conc: 46.80 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 266901221
Conc: 49.51 ng/ml m



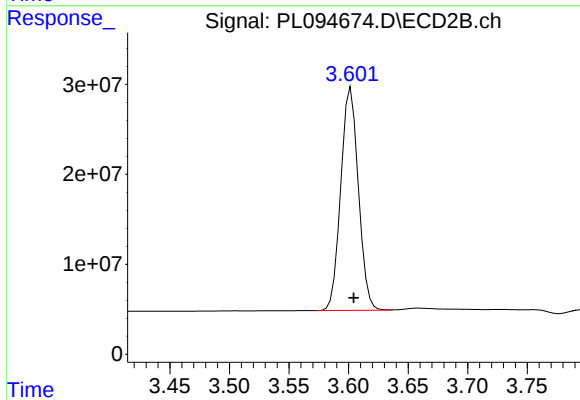
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 189142380
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

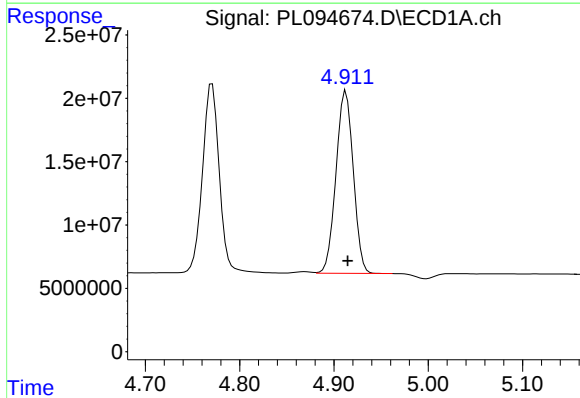
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



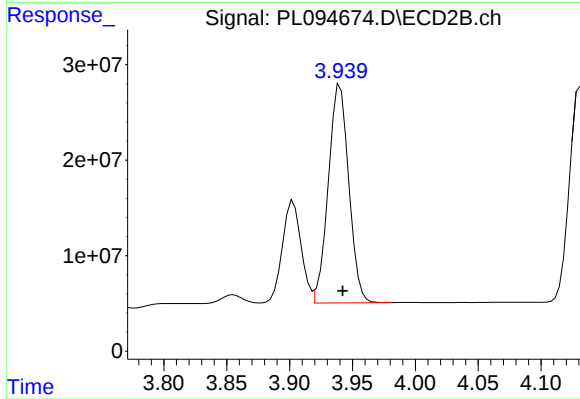
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 254257551
Conc: 49.47 ng/ml m



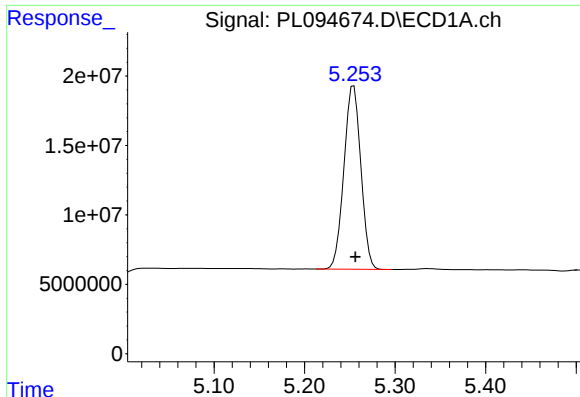
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 183364516
Conc: 47.24 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 259419239
Conc: 49.24 ng/ml



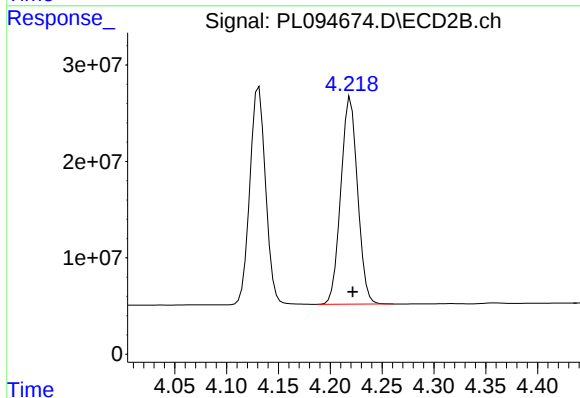
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 172032821
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

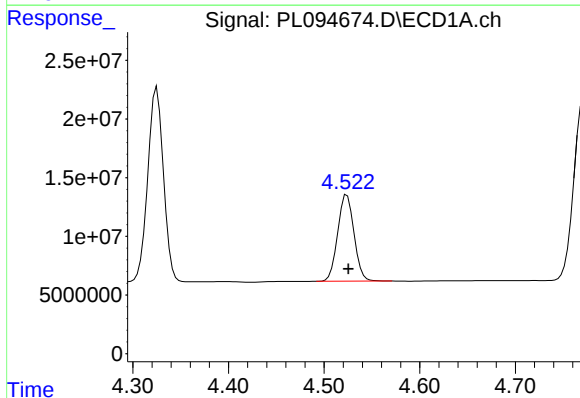
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



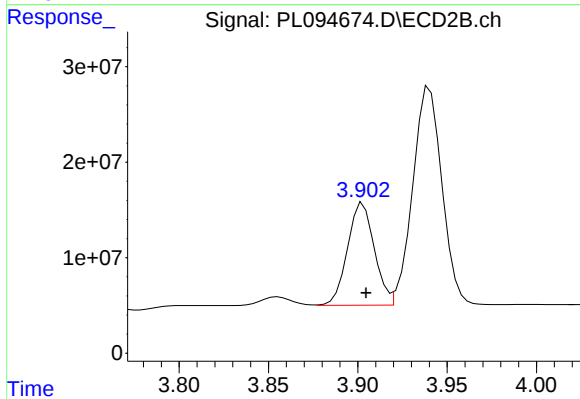
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 242188824
Conc: 49.67 ng/ml



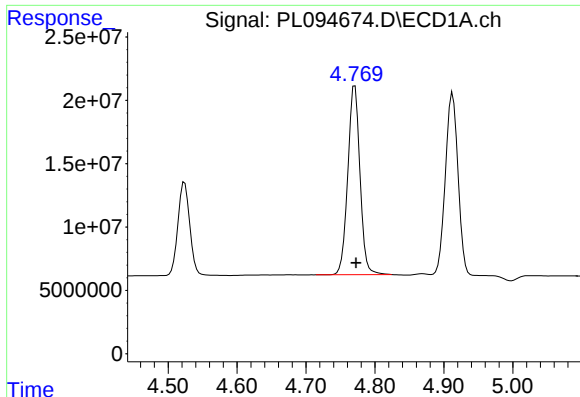
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 87697783
Conc: 47.53 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 112026063
Conc: 50.43 ng/ml



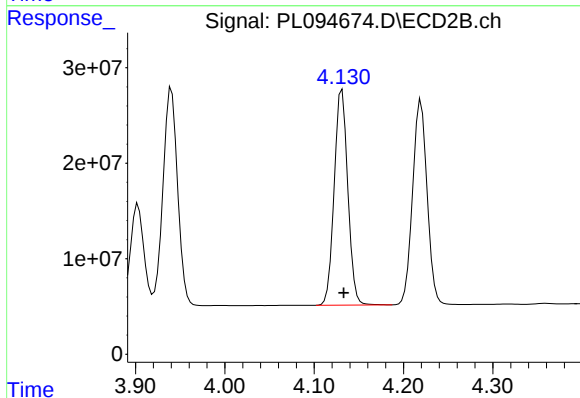
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 183540939
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

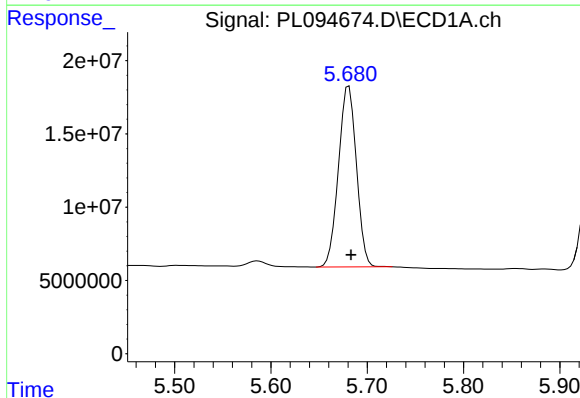
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



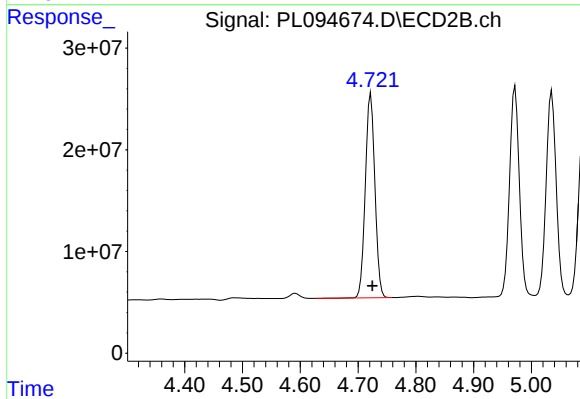
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 239054983
Conc: 47.79 ng/ml



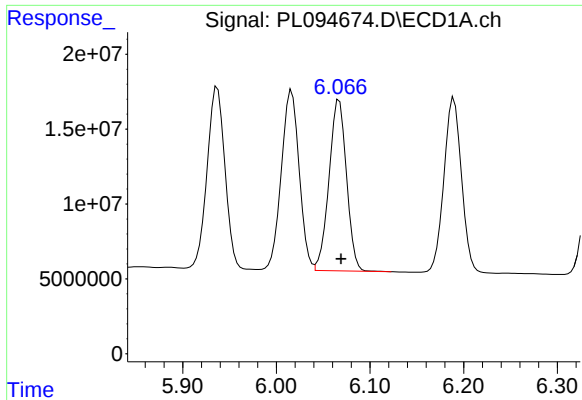
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 159724867
Conc: 47.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 231706302
Conc: 50.61 ng/ml



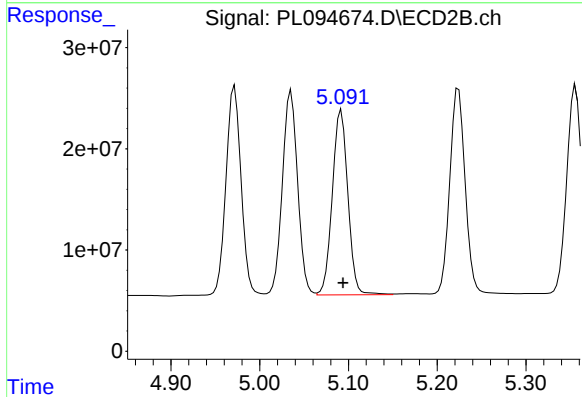
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 148464251
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

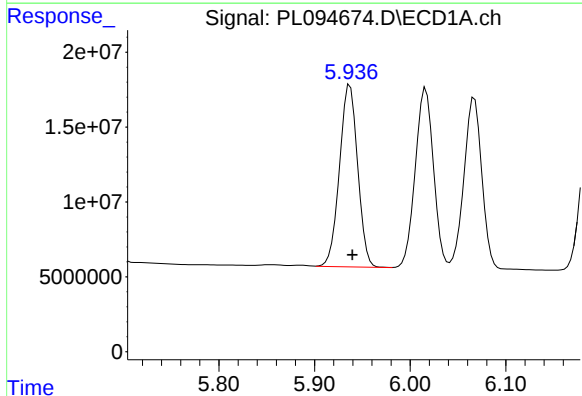
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



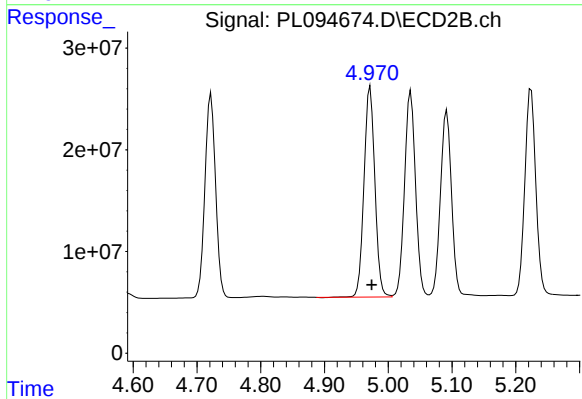
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 223134227
Conc: 50.84 ng/ml



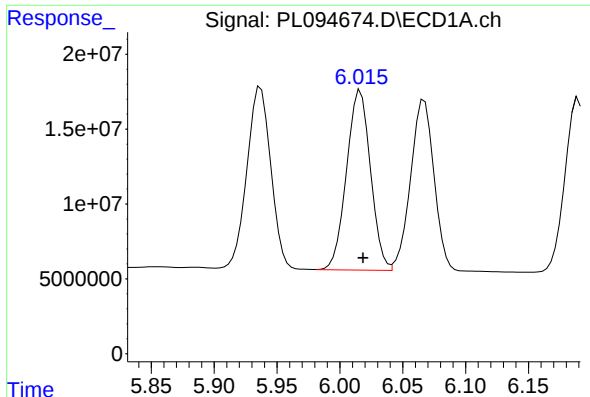
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 161172869
Conc: 47.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 245292686
Conc: 50.80 ng/ml



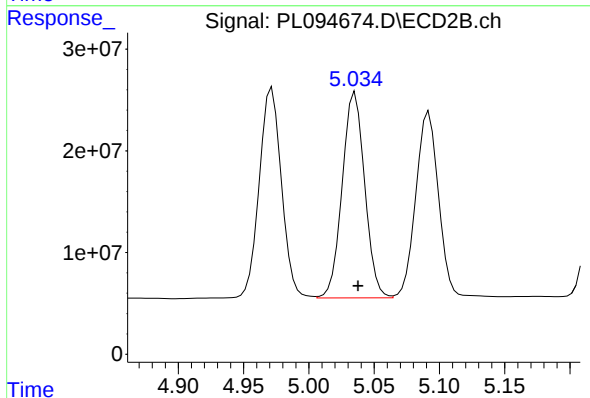
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 159476464
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

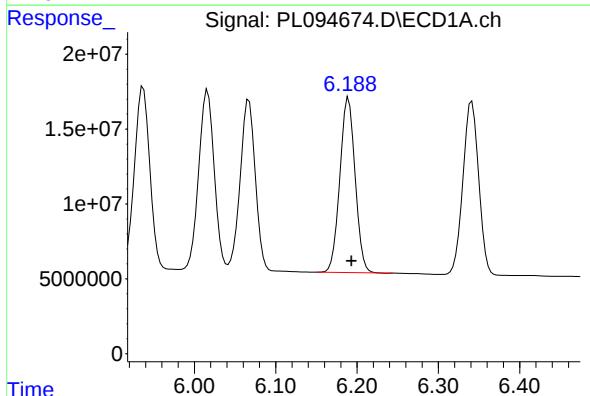
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



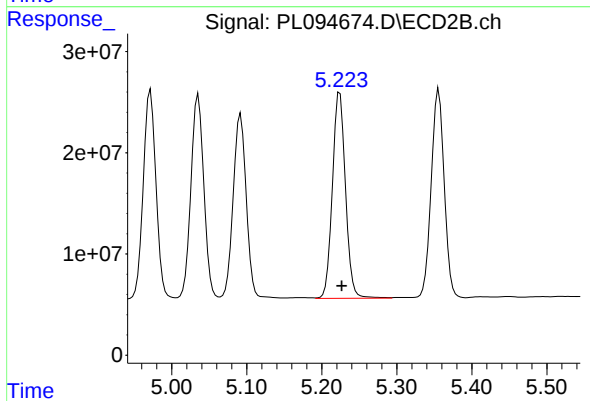
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 242693956
Conc: 50.85 ng/ml



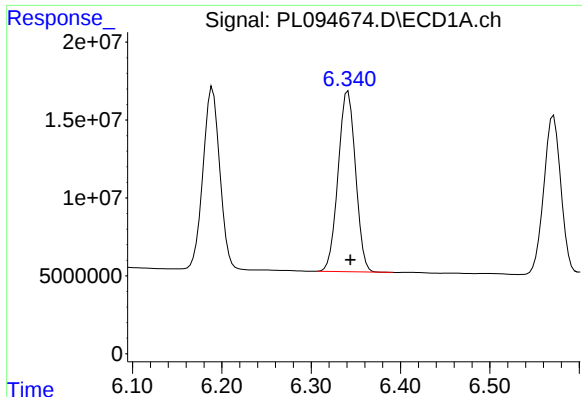
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 152010628
Conc: 51.67 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 247197300
Conc: 53.18 ng/ml



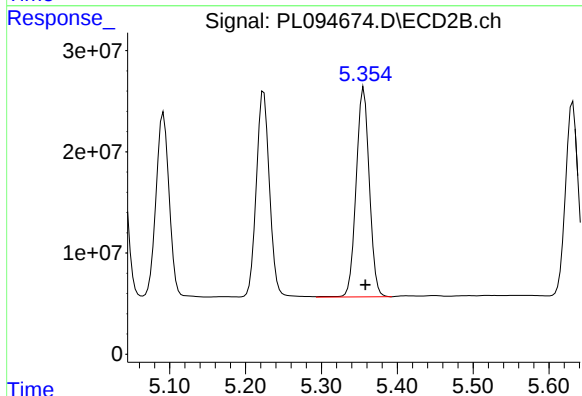
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 156735657
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

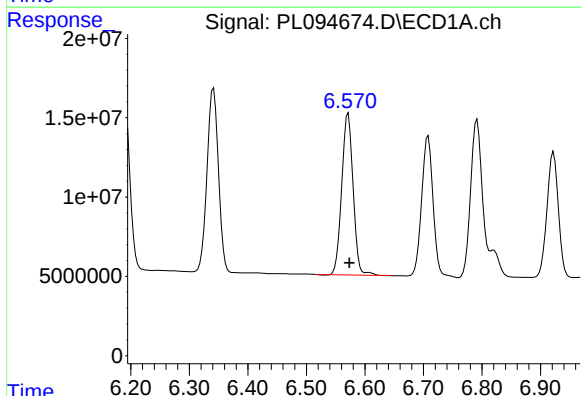
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



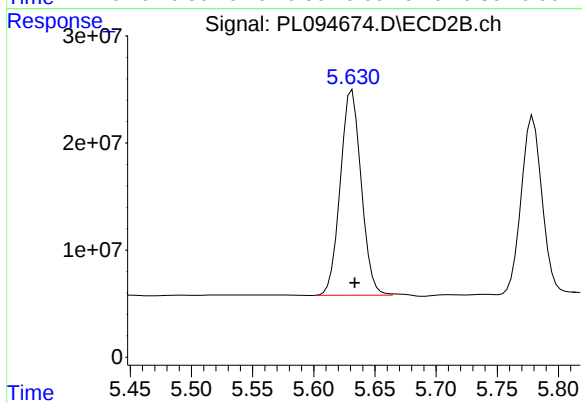
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 249512635
Conc: 51.43 ng/ml



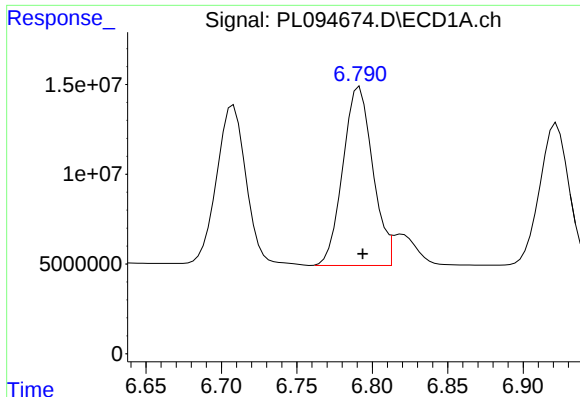
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 137463384
Conc: 49.59 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 227954073
Conc: 52.24 ng/ml m



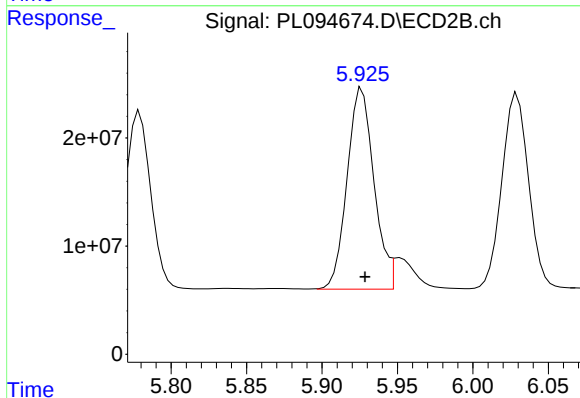
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 138478087
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

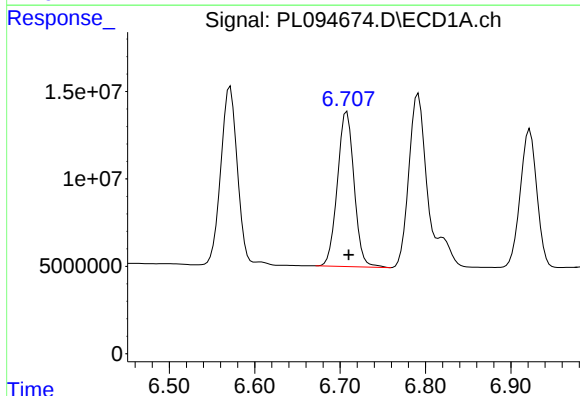
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



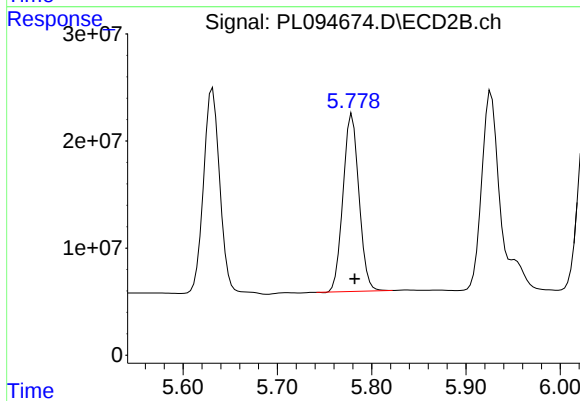
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 228751876
Conc: 52.85 ng/ml m



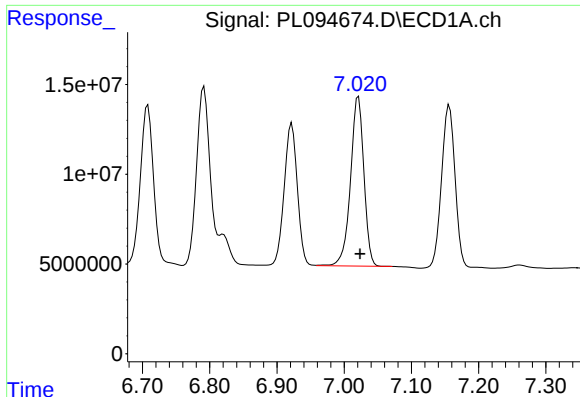
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 120361834
Conc: 55.57 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 194303576
Conc: 54.03 ng/ml



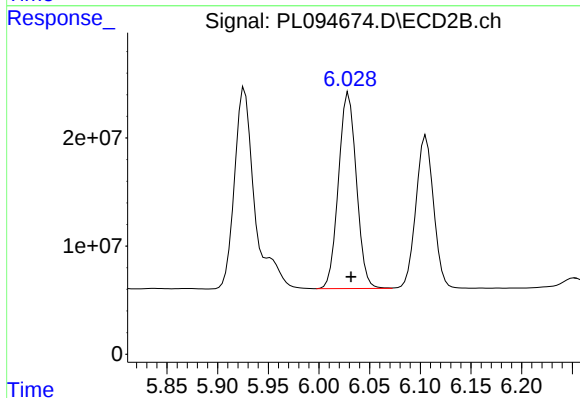
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 130519084
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

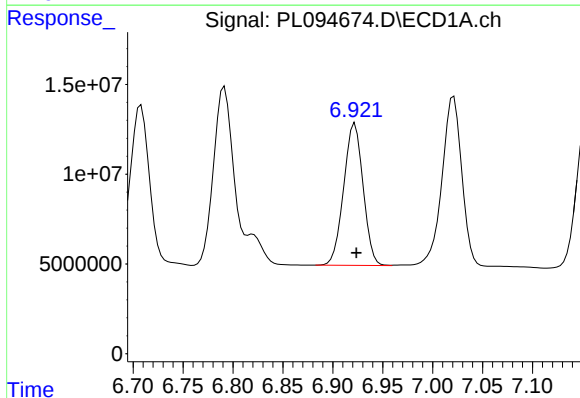
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



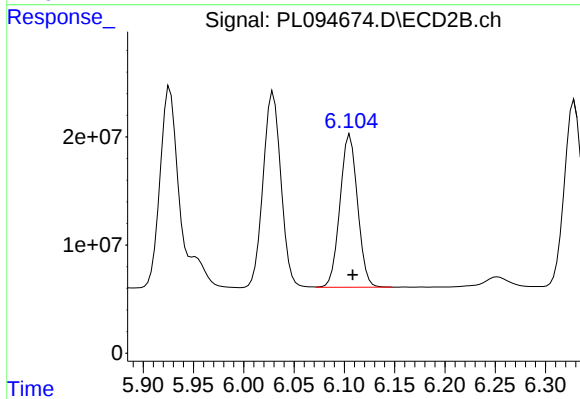
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 222930716
Conc: 55.29 ng/ml



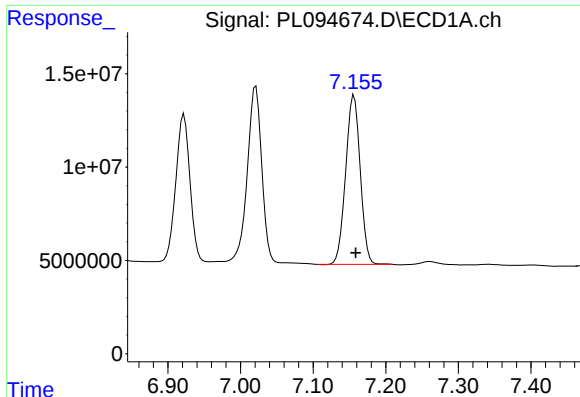
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 107127812
Conc: 50.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 171554095
Conc: 50.98 ng/ml



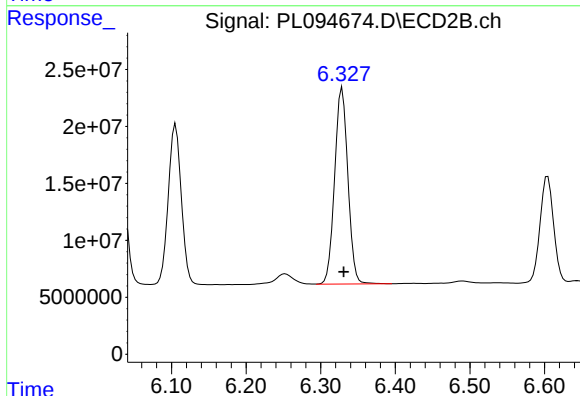
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 126624212
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

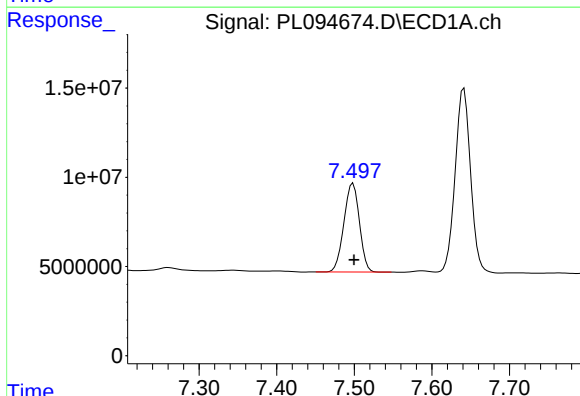
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



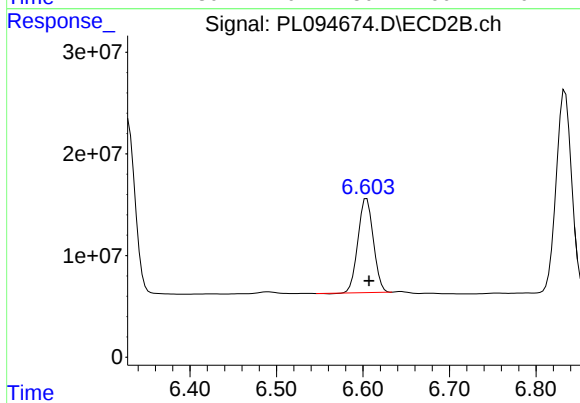
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 213057684
Conc: 52.30 ng/ml



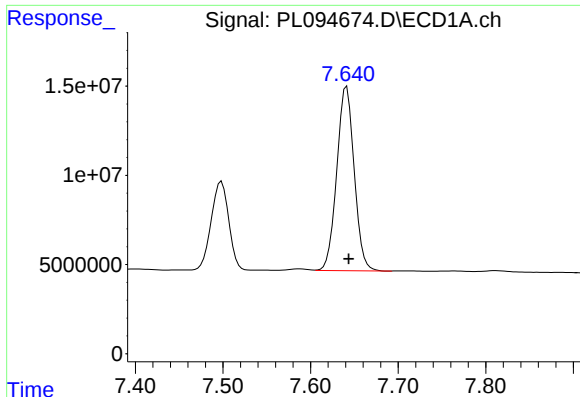
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 69021815
Conc: 57.66 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 114372606
Conc: 53.92 ng/ml



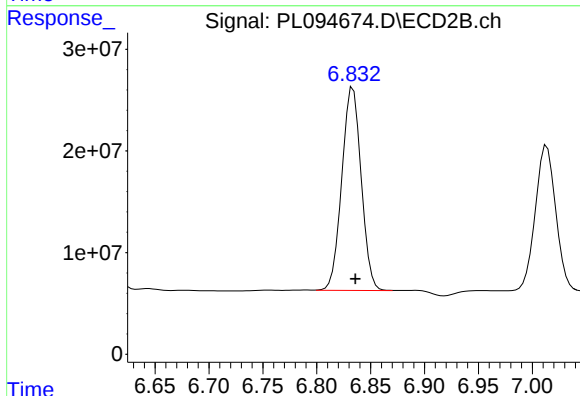
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 142716609
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

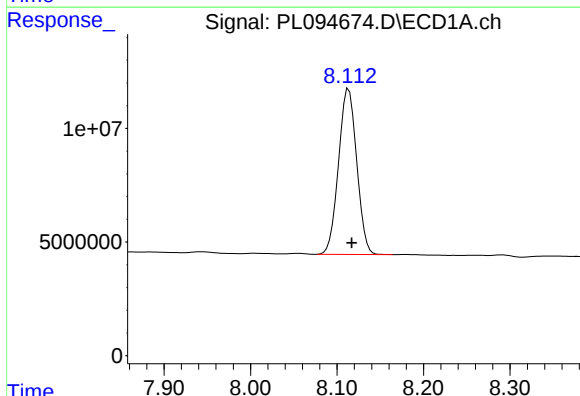
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



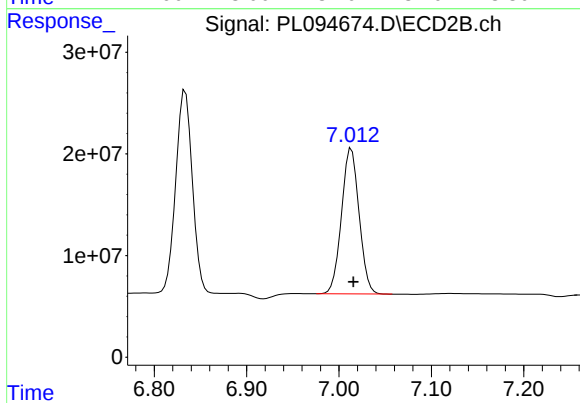
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 250393637
Conc: 52.47 ng/ml m



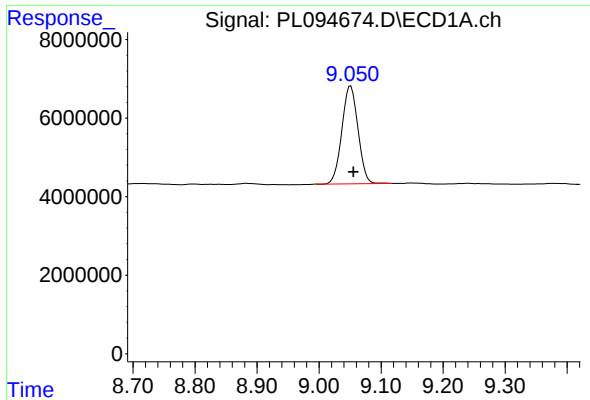
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 105979203
Conc: 51.29 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 189616330
Conc: 49.96 ng/ml m



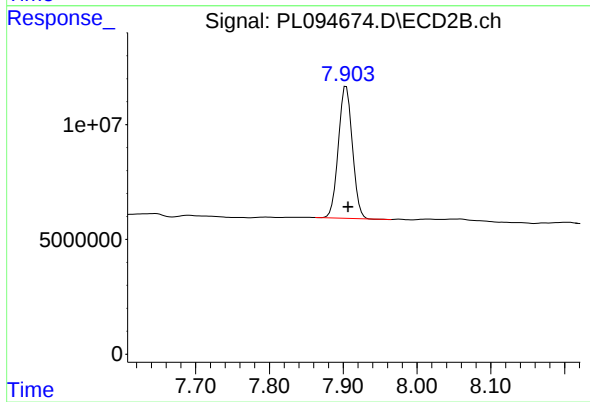
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 44932535
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 75986917
Conc: 18.81 ng/ml