

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 18:42
 Operator : AR\AJ
 Sample : Q1488-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-101-SB01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:36:04 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	2.771	59099118	77716626	20.878	21.774
28) SA Decachlor...	9.051	7.903	58639076	107.7E6	27.825	26.665
Target Compounds						
2) A alpha-BHC	3.993	3.273	220.9E6	309.2E6	53.193	57.360
3) MA gamma-BHC...	4.323	3.601	289.7E6	344.4E6	72.591m	67.002m
4) MA Heptachlor	4.912	3.940	197.4E6	283.3E6	50.851	53.773
5) MB Aldrin	5.254	4.219	186.9E6	272.3E6	50.611	55.840
6) B beta-BHC	4.524	3.903	93228879	127.5E6	50.525	57.389
7) B delta-BHC	4.770	4.131	233.3E6	295.5E6	59.911	59.079
8) B Heptachlo...	5.681	4.722	175.3E6	258.2E6	52.410	56.384
9) A Endosulfan I	6.066	5.092	159.7E6	246.8E6	52.024	56.224
10) B gamma-Chl...	5.937	4.972	174.8E6	271.1E6	51.864	56.138
11) B alpha-Chl...	6.016	5.036	171.9E6	265.6E6	52.126	55.655
12) B 4,4'-DDE	6.190	5.224	166.7E6	265.7E6	56.654	57.148
13) MA Dieldrin	6.341	5.356	173.7E6	275.6E6	54.311	56.800
14) MA Endrin	6.570	5.631	144.4E6	252.6E6	52.094m	57.895
15) B Endosulfa...	6.791	5.926	149.2E6	249.7E6	54.959	57.684
16) A 4,4'-DDD	6.707	5.779	128.7E6	220.7E6	59.422	61.386
17) MA 4,4'-DDT	7.021	6.029	135.8E6	233.4E6	57.099	57.874
18) B Endrin al...	6.921	6.105	112.4E6	188.8E6	53.249	56.104
19) B Endosulfa...	7.157	6.328	136.8E6	242.1E6	56.264	59.432
20) A Methoxychlor	7.498	6.604	67588959	119.3E6	56.462	56.234
21) B Endrin ke...	7.641	6.833	154.6E6	286.0E6	58.482	59.917
22) Mirex	8.113	7.013	113.6E6	212.5E6	54.973	55.986

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 18:42
Operator : AR\AJ
Sample : Q1488-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

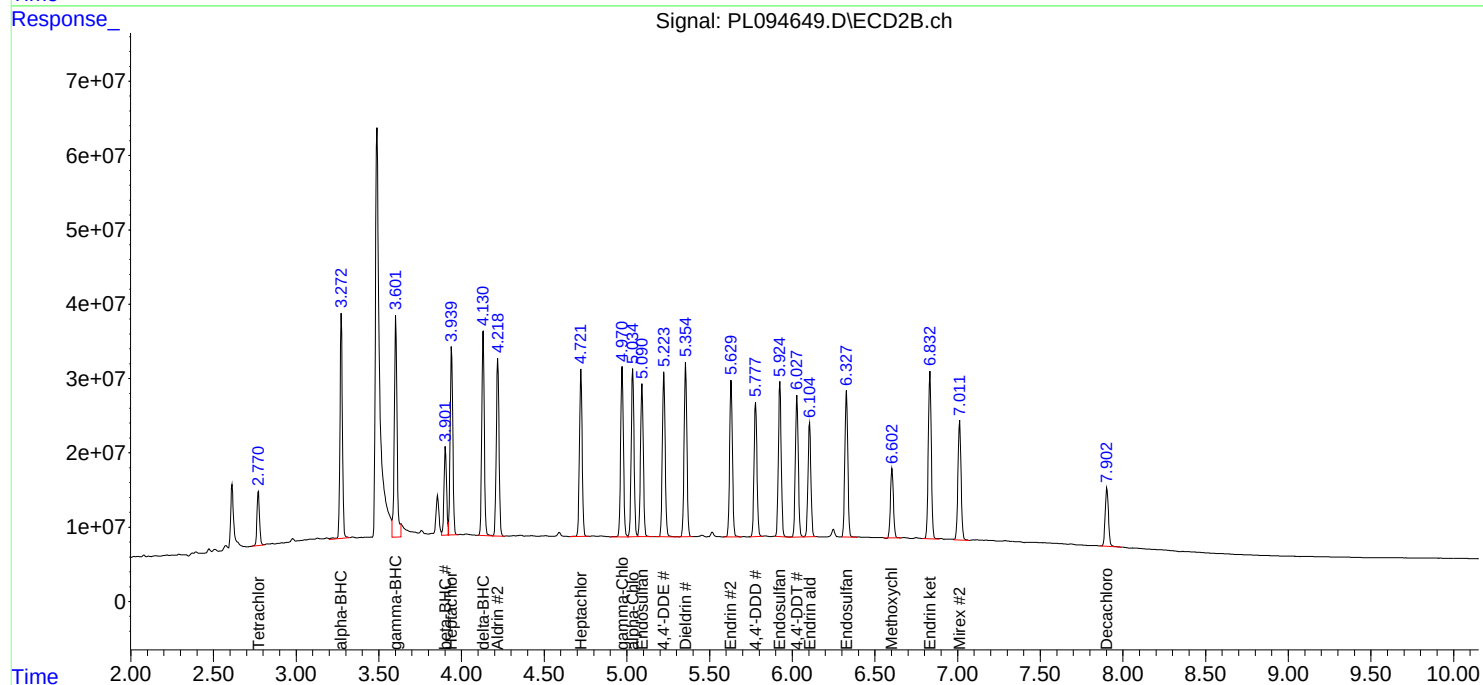
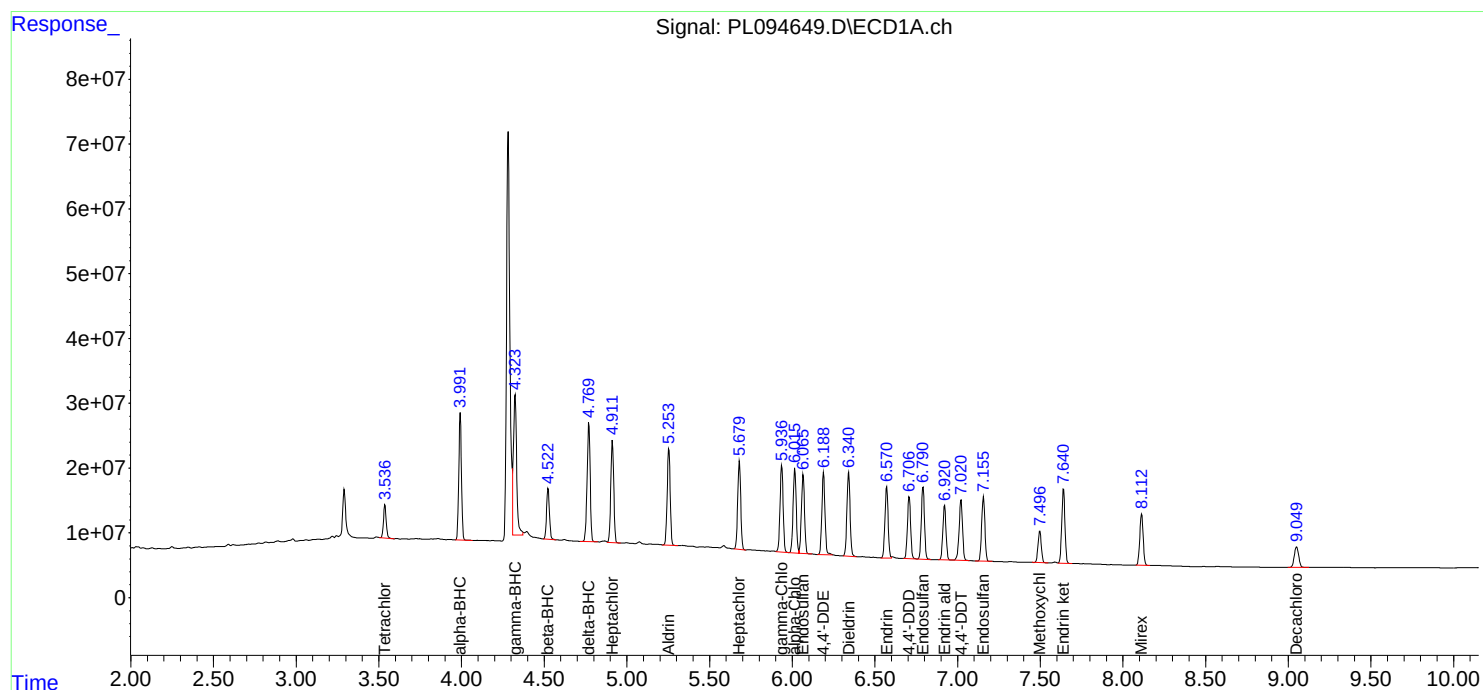
Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

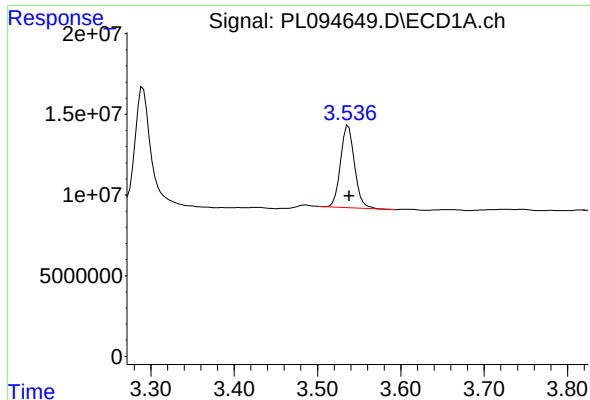
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:36:04 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





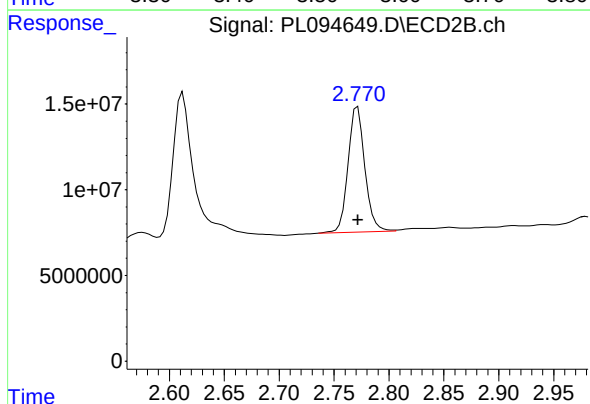
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 59099118
Conc: 20.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

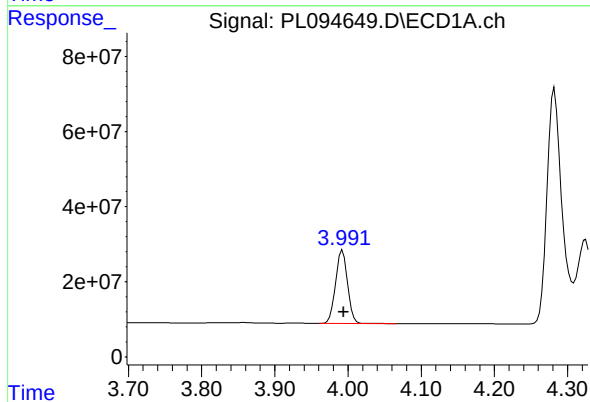
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



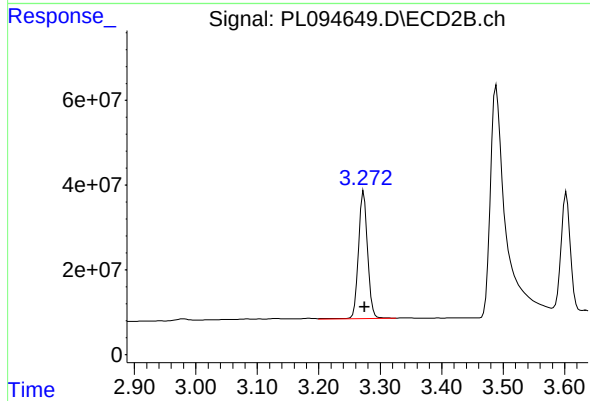
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 77716626
Conc: 21.77 ng/ml



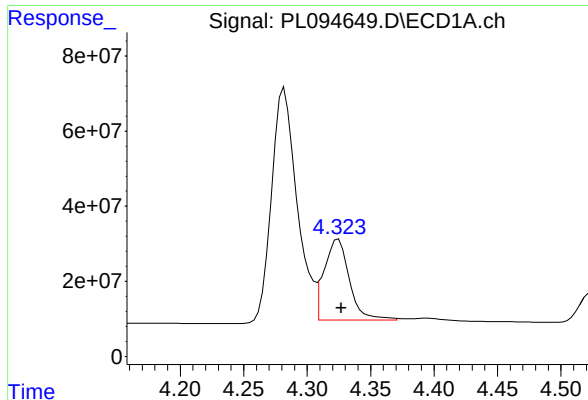
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 220875955
Conc: 53.19 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.001 min
Response: 309248076
Conc: 57.36 ng/ml



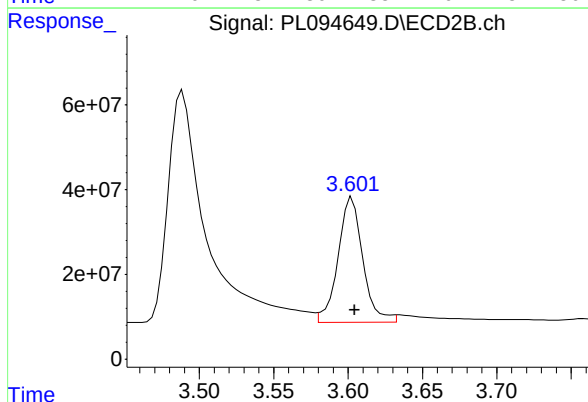
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 289658161
Conc: 72.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

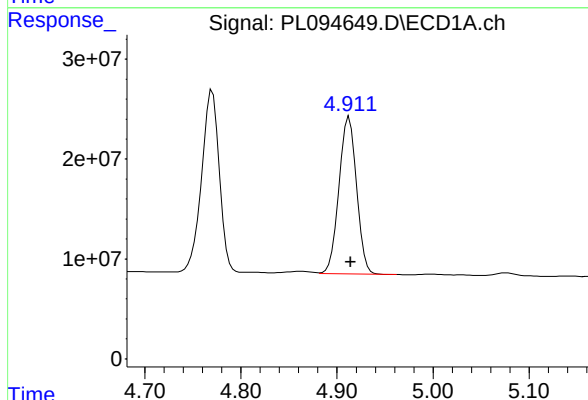
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



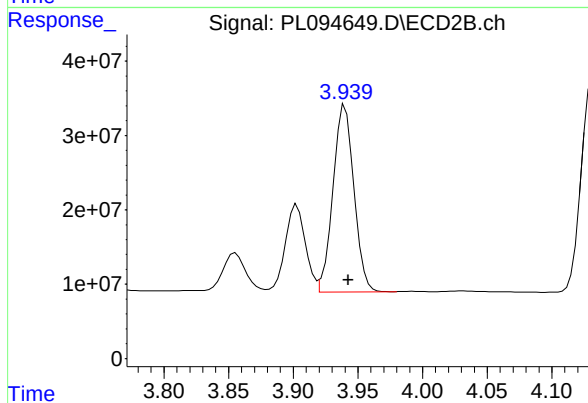
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 344352523
Conc: 67.00 ng/ml m



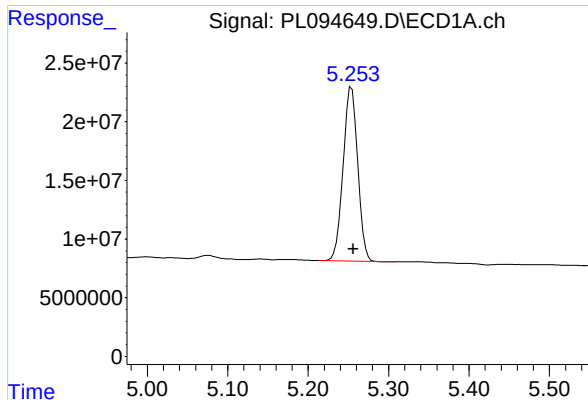
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 197385608
Conc: 50.85 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 283312887
Conc: 53.77 ng/ml



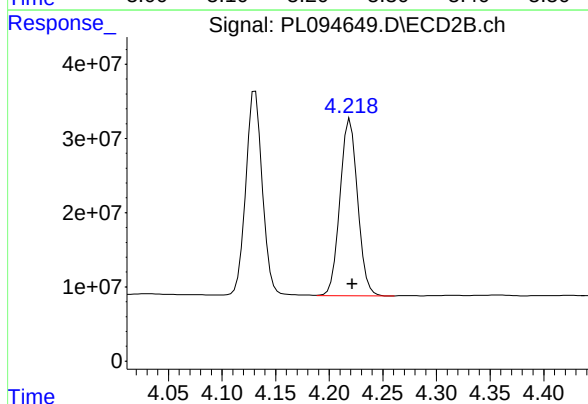
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 186866760
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

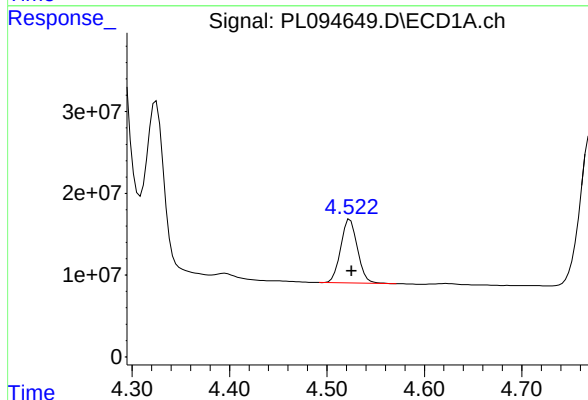
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



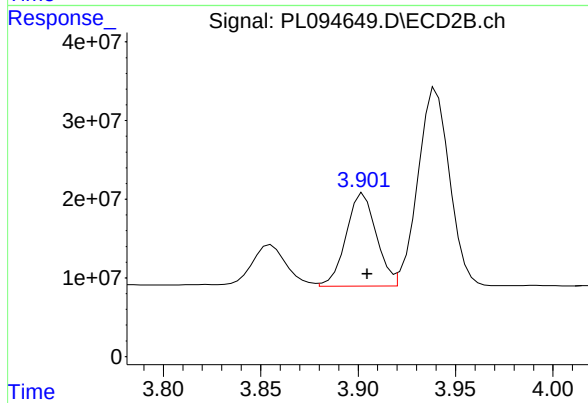
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 272296053
Conc: 55.84 ng/ml



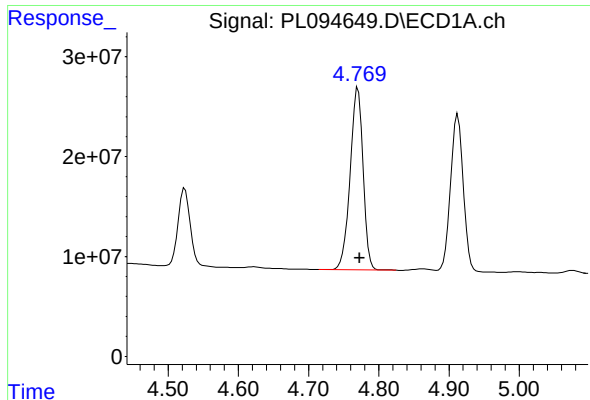
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 93228879
Conc: 50.52 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 127478775
Conc: 57.39 ng/ml



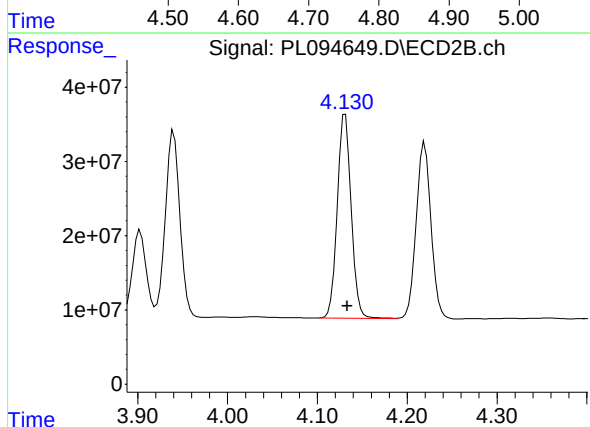
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 233310027
Conc: 59.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

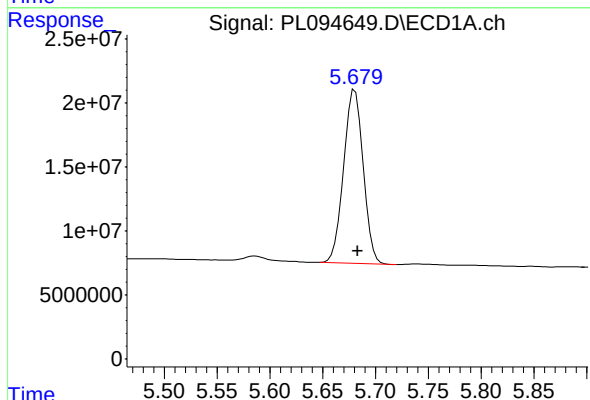
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



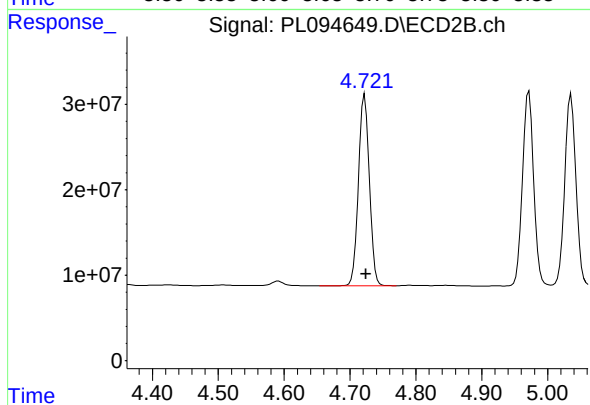
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 295514169
Conc: 59.08 ng/ml



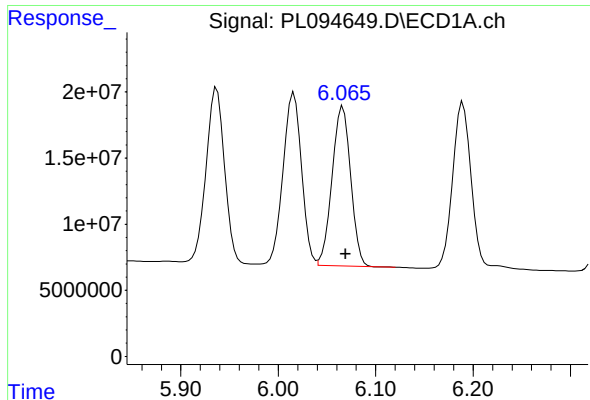
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 175321315
Conc: 52.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 258160069
Conc: 56.38 ng/ml



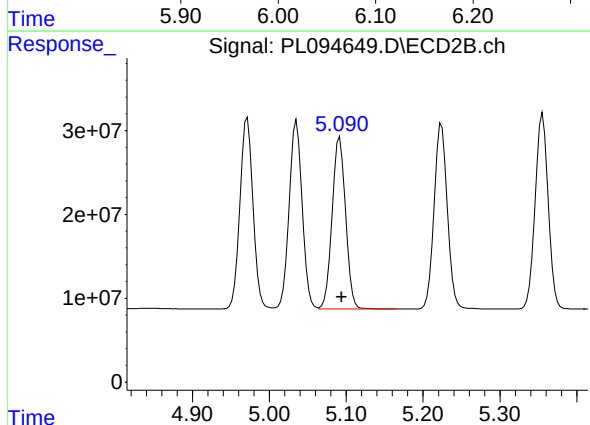
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 159722980
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

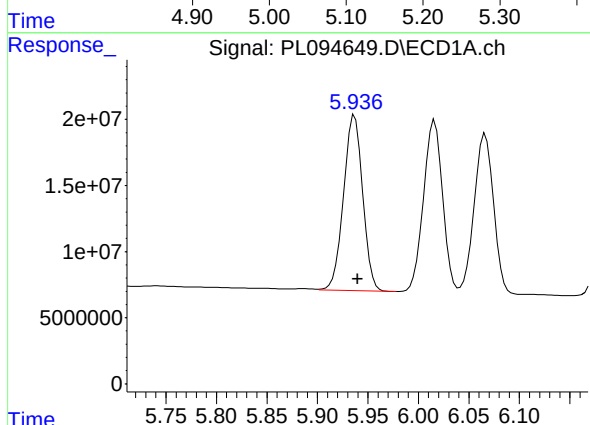
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



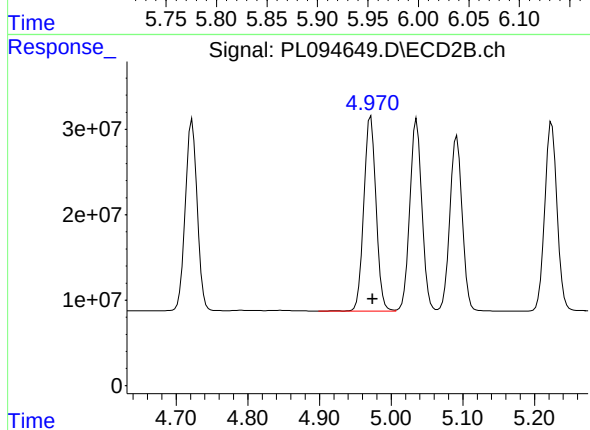
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 246752371
Conc: 56.22 ng/ml



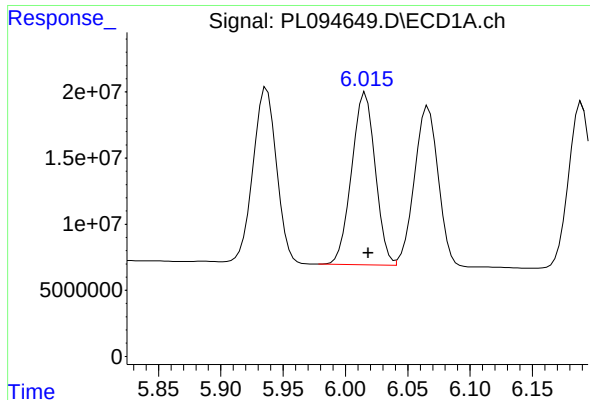
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 174750413
Conc: 51.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 271055699
Conc: 56.14 ng/ml



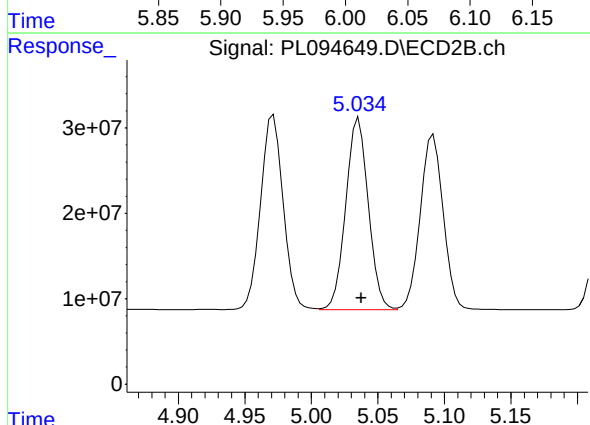
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 171850266
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

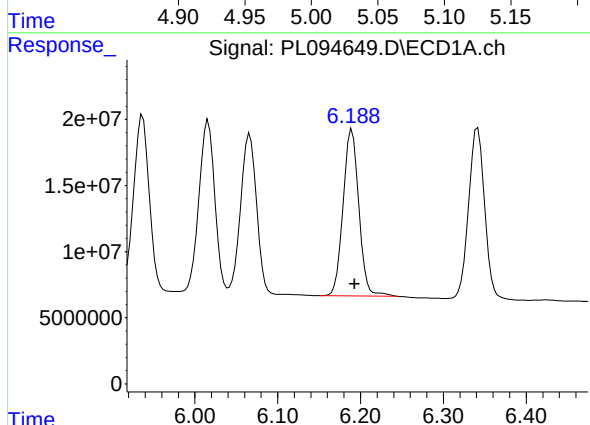
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



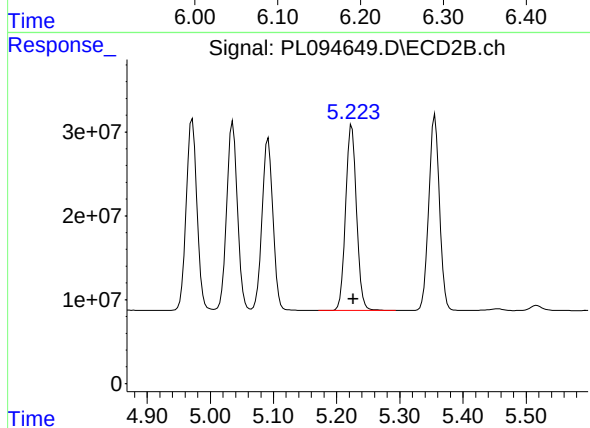
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 265629651
Conc: 55.66 ng/ml



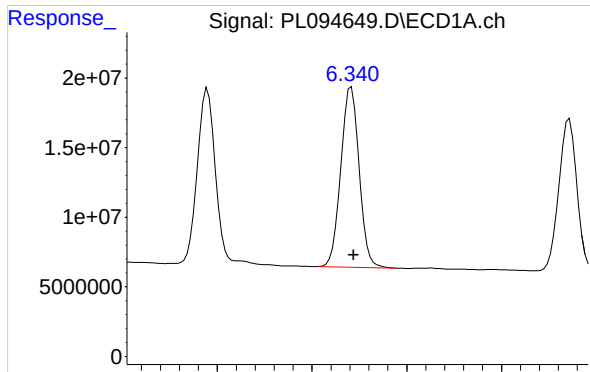
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 166678031
Conc: 56.65 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 265652351
Conc: 57.15 ng/ml



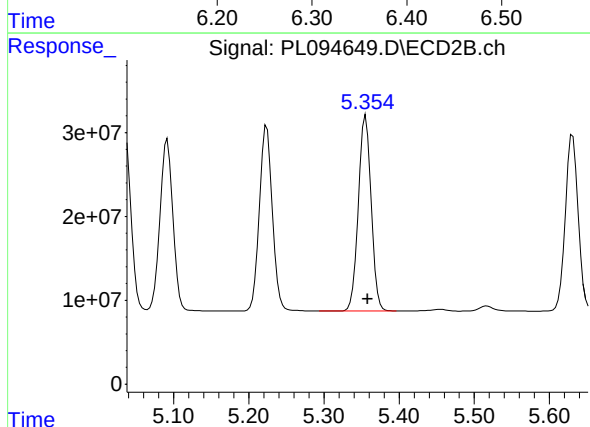
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 173694956
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

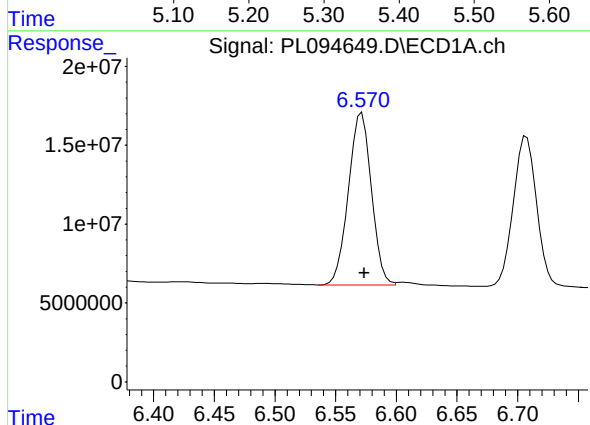
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



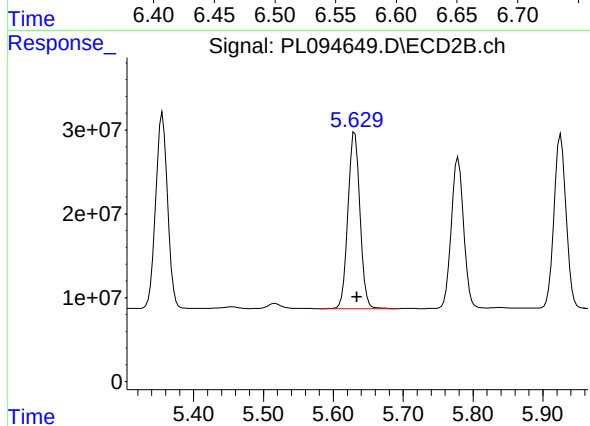
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 275581261
Conc: 56.80 ng/ml



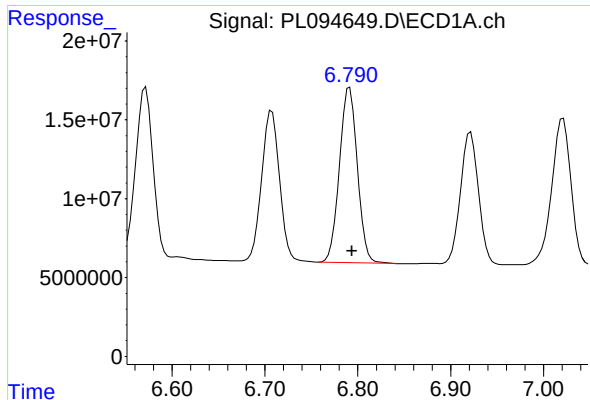
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 144408406
Conc: 52.09 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 252631687
Conc: 57.89 ng/ml



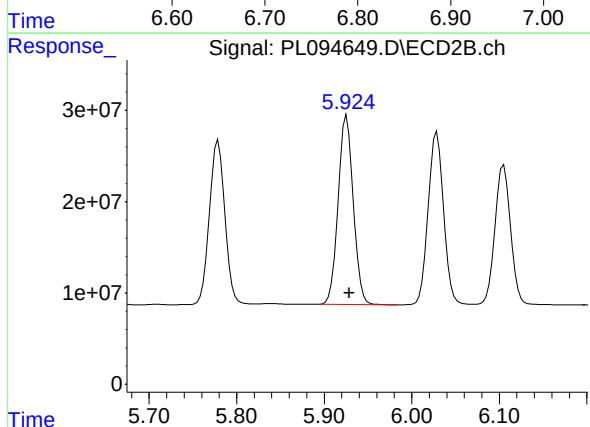
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 149200835
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

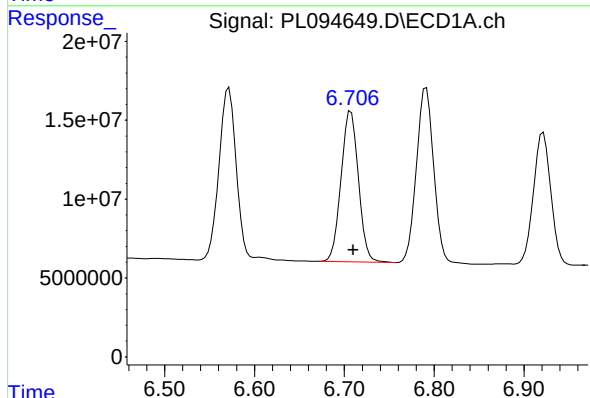
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



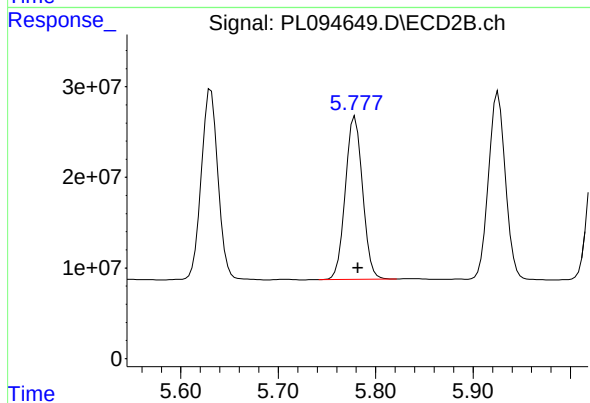
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 249670142
Conc: 57.68 ng/ml



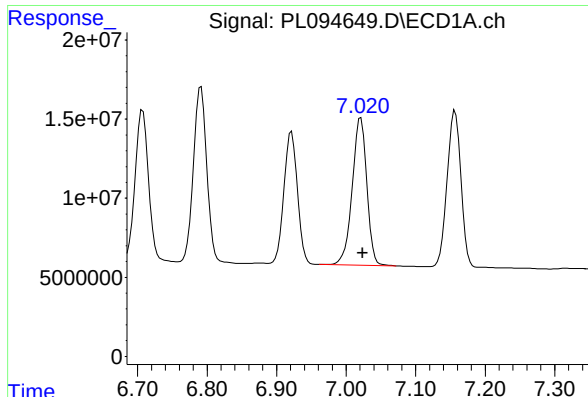
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 128712411
Conc: 59.42 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 220736787
Conc: 61.39 ng/ml



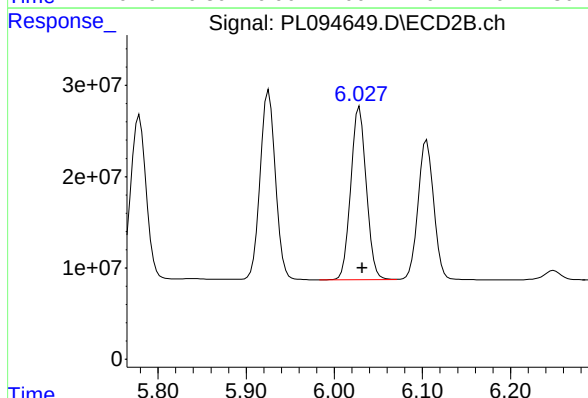
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 135811846
Conc: 57.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

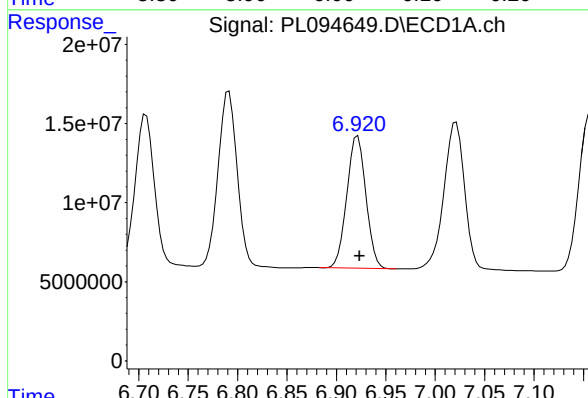
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



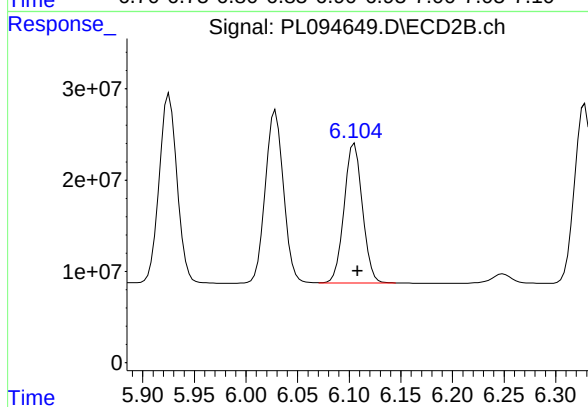
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 233352636
Conc: 57.87 ng/ml



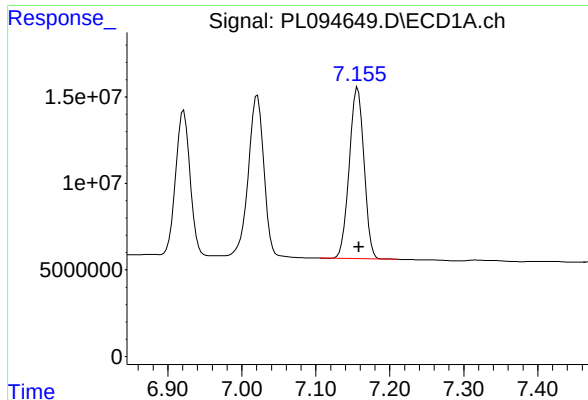
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 112408550
Conc: 53.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 188810271
Conc: 56.10 ng/ml



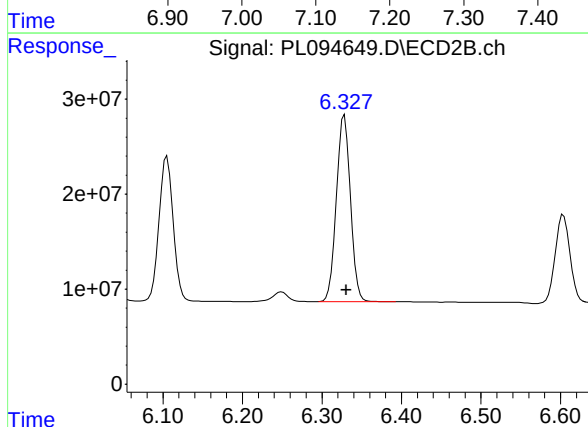
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 136836205
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

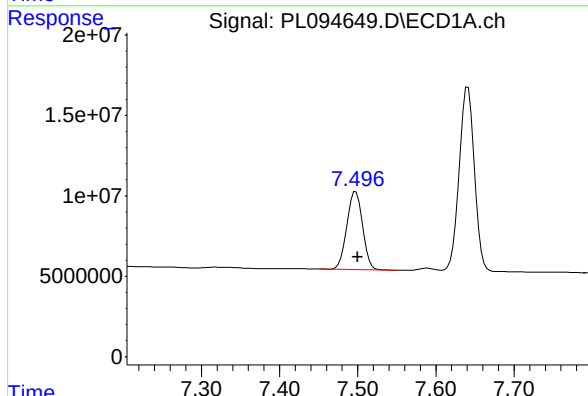
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



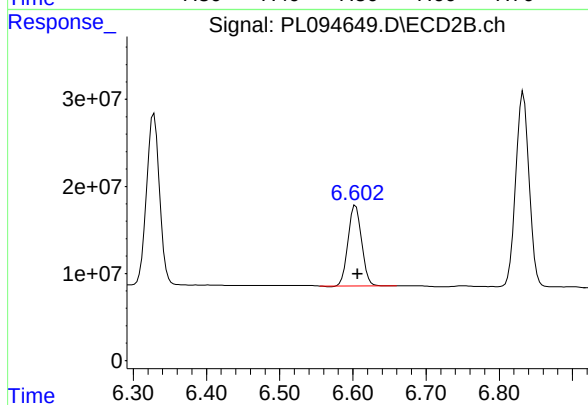
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 242093088
Conc: 59.43 ng/ml



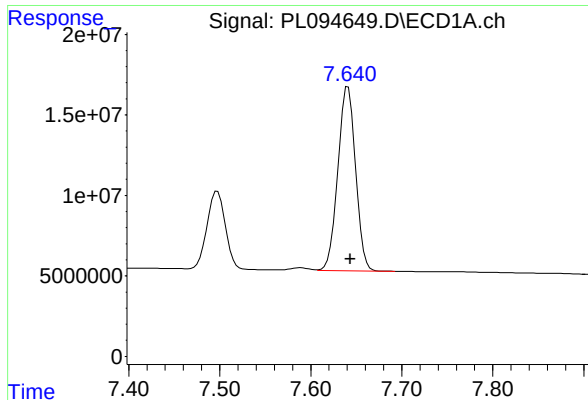
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 67588959
Conc: 56.46 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 119276853
Conc: 56.23 ng/ml



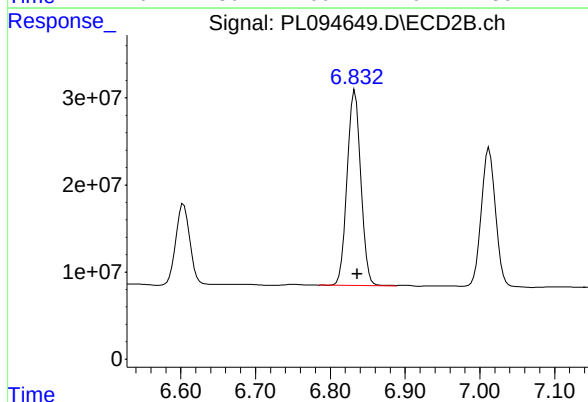
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 154582478
Conc: 58.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

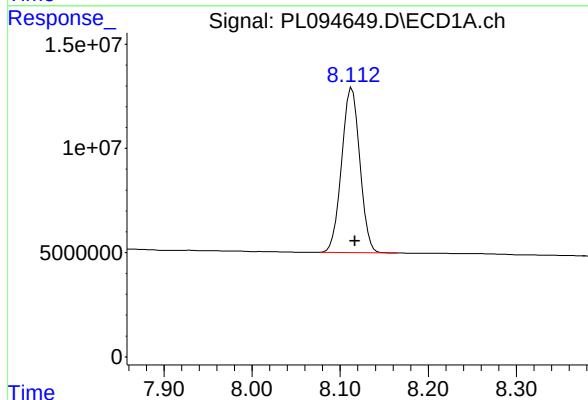
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



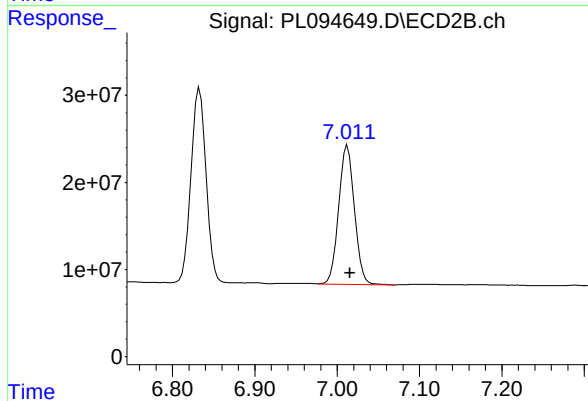
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 285959222
Conc: 59.92 ng/ml



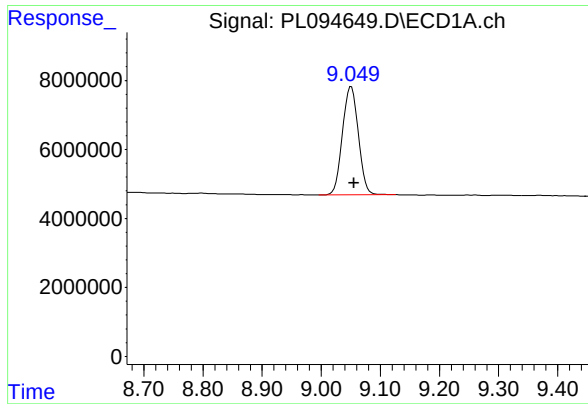
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 113590391
Conc: 54.97 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 212486156
Conc: 55.99 ng/ml



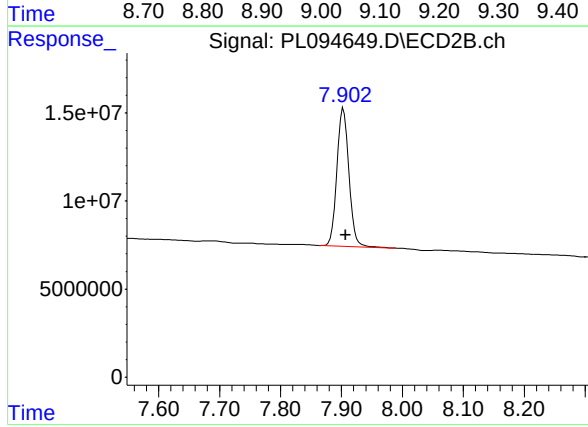
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 58639076
Conc: 27.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/28/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 107709913
Conc: 26.67 ng/ml