

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 21:35
 Operator : AR\AJ
 Sample : Q2027-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B27-SOIL-SAMPLEMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/20/2025
 Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 04:45:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.883	36025239	273.2E6	16.649	18.061
28) SA Decachlor...	9.077	8.076	44525169	224.9E6	13.010	12.320
Target Compounds						
2) A alpha-BHC	4.001	3.395	262.6E6	1239.1E6	54.983	51.839
3) MA gamma-BHC...	4.332	3.732	258.4E6	1153.1E6	56.135	52.024
4) MA Heptachlor	4.931	4.085	220.0E6	1218.8E6	49.208	54.278
5) MB Aldrin	5.273	4.371	224.1E6	1055.0E6	50.998	48.109
6) B beta-BHC	4.515	4.027	94604981	512.0E6	52.466m	52.561
7) B delta-BHC	4.764	4.264	291.5E6	1195.4E6	68.975m	53.618
8) B Heptachlo...	5.693	4.875	218.6E6	1031.6E6	55.071	51.916
9) A Endosulfan I	6.077	5.250	208.9E6	985.0E6	55.515	51.900
10) B gamma-Chl...	5.948	5.128	219.0E6	1104.7E6	54.908	51.788
11) B alpha-Chl...	6.029	5.193	218.5E6	1064.5E6	54.548	51.610
12) B 4,4'-DDE	6.198	5.378	195.6E6	1058.1E6	54.507	50.621
13) MA Dieldrin	6.350	5.516	225.9E6	1100.0E6	56.312	52.270
14) MA Endrin	6.577	5.792	192.0E6	1013.1E6	56.224	52.535
15) B Endosulfa...	6.788	6.083	189.1E6	956.1E6	54.901	52.186
16) A 4,4'-DDD	6.708	5.932	160.2E6	938.6E6	57.529	53.964
17) MA 4,4'-DDT	7.023	6.187	155.8E6	857.1E6	49.897	47.257
18) B Endrin al...	6.917	6.262	139.8E6	716.3E6	54.294	51.429
19) B Endosulfa...	7.152	6.485	175.6E6	927.5E6	54.830	52.236
20) A Methoxychlor	7.495	6.757	82293688	460.7E6	49.261	48.111
21) B Endrin ke...	7.633	6.995	187.6E6	991.9E6	54.794	51.270
22) Mirex	8.116	7.189	132.2E6	732.5E6	50.865	48.182

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 21:35
Operator : AR\AJ
Sample : Q2027-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

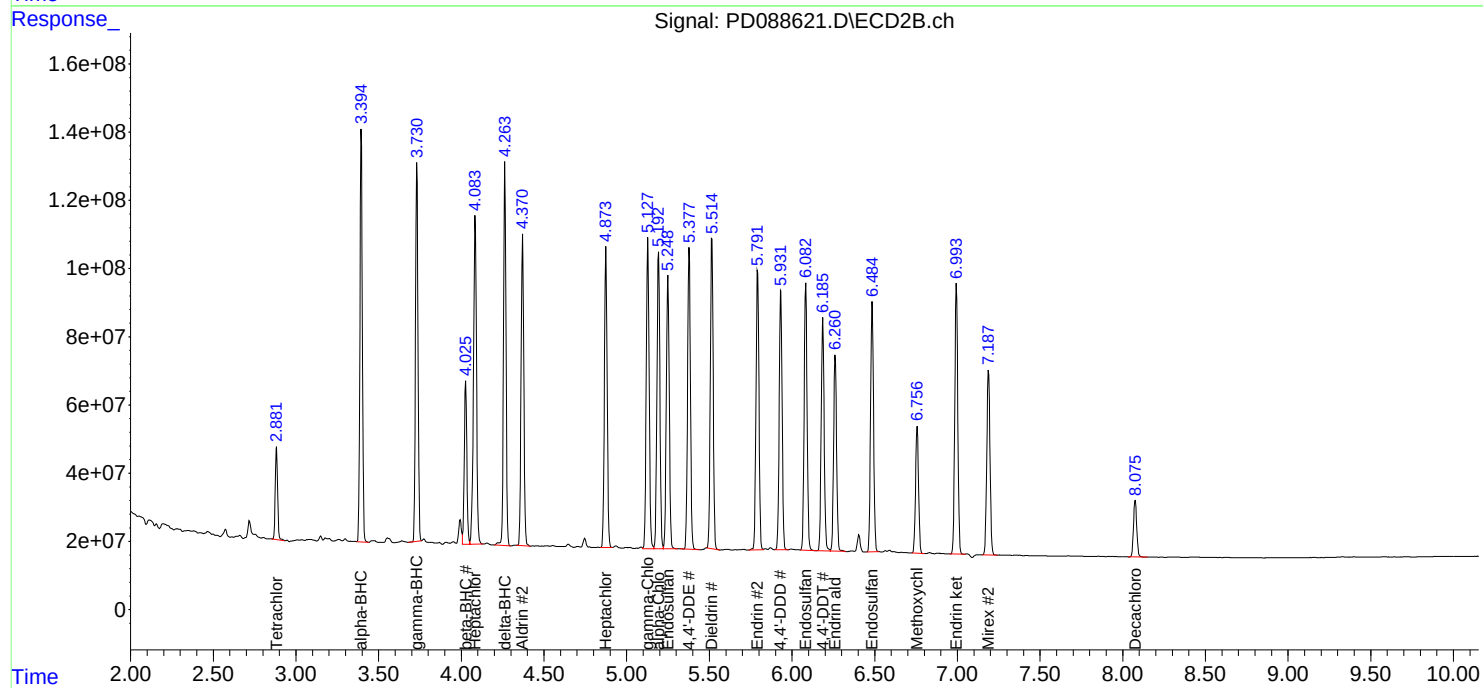
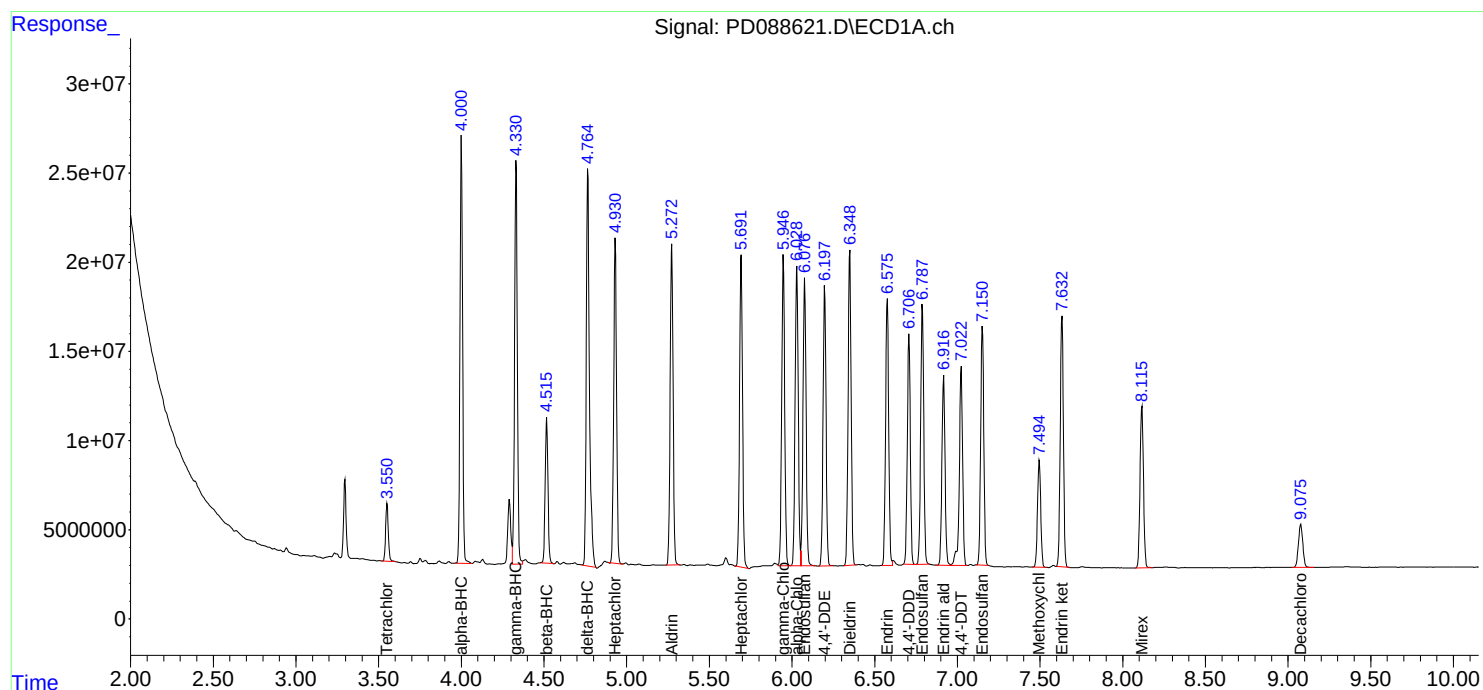
Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

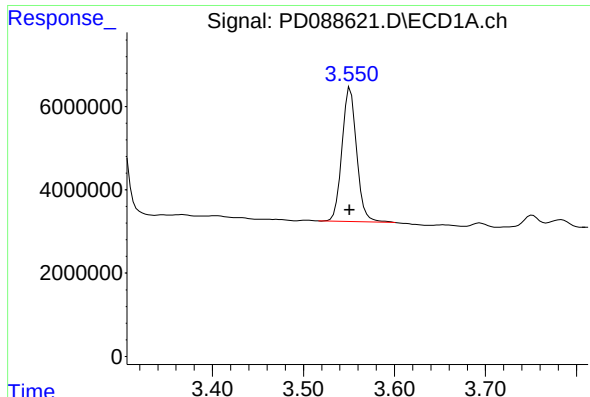
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 04:45:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





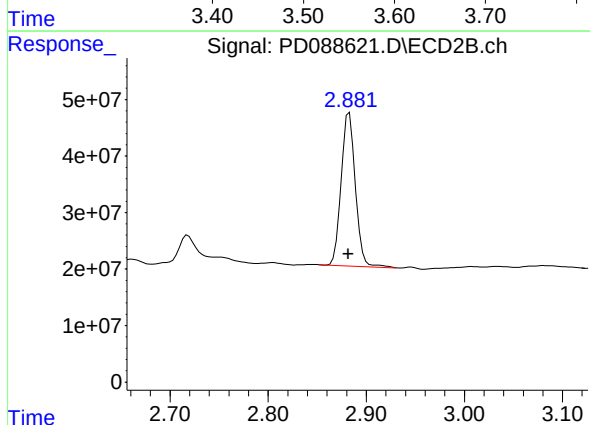
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 36025239
Conc: 16.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

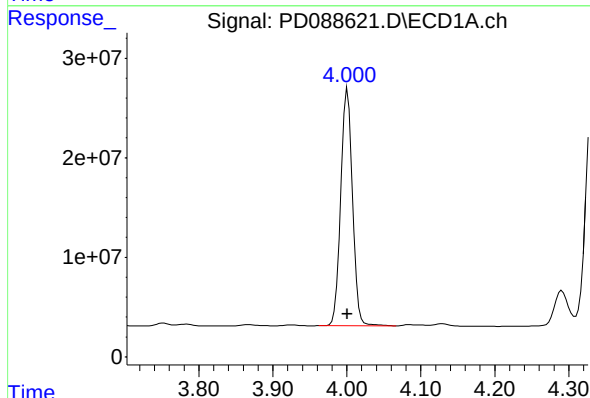
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



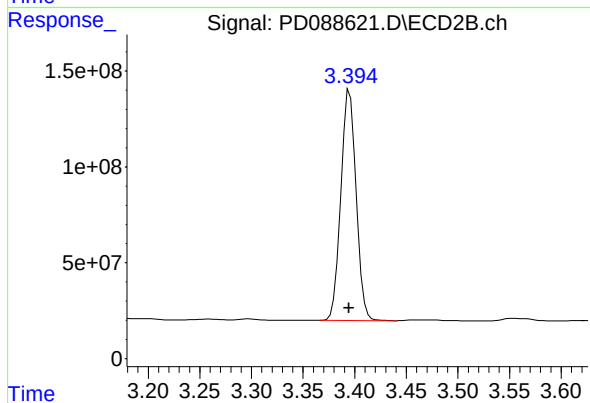
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.001 min
Response: 273200010
Conc: 18.06 ng/ml



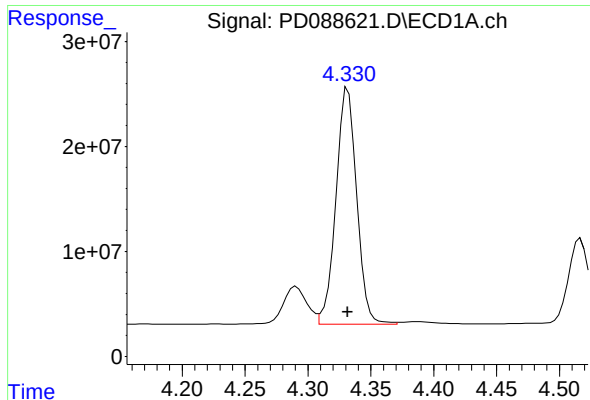
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 262628327
Conc: 54.98 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1239147408
Conc: 51.84 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 258372875
Conc: 56.13 ng/ml

Instrument :

ECD_D

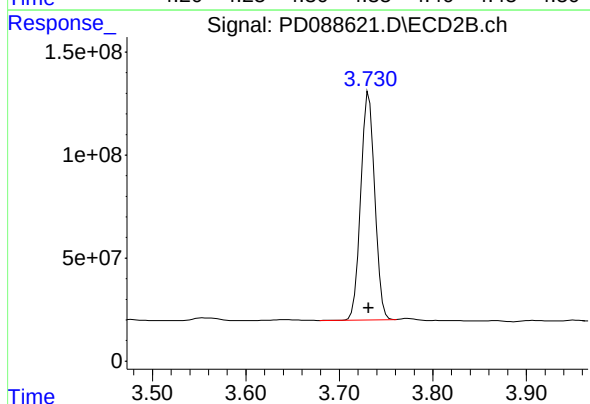
ClientSampleId :

B27-SOIL-SAMPLEMS

Manual Integrations

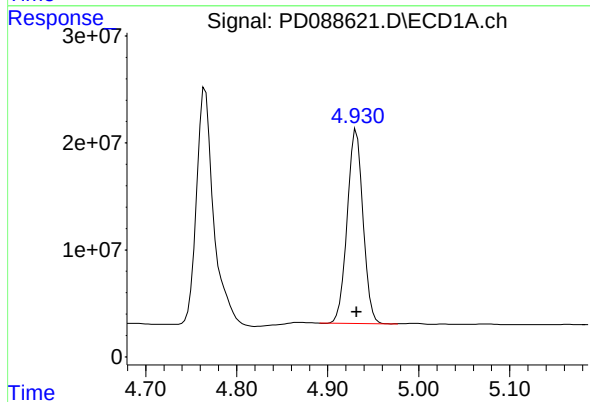
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



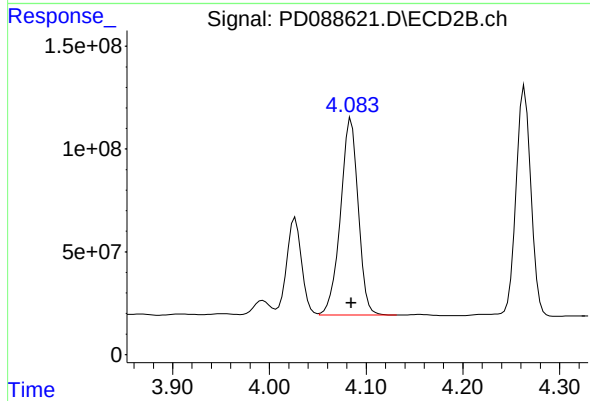
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 1153148974
Conc: 52.02 ng/ml



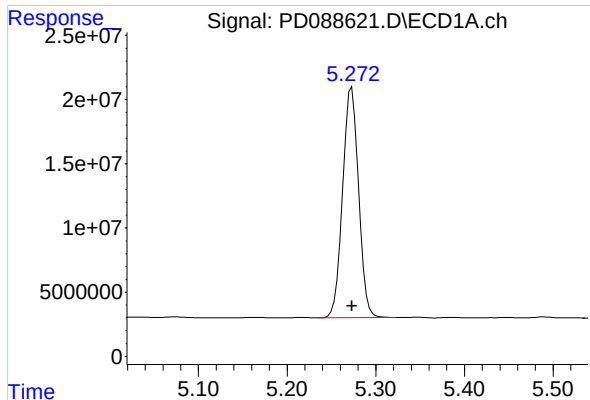
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 220021467
Conc: 49.21 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 1218800436
Conc: 54.28 ng/ml



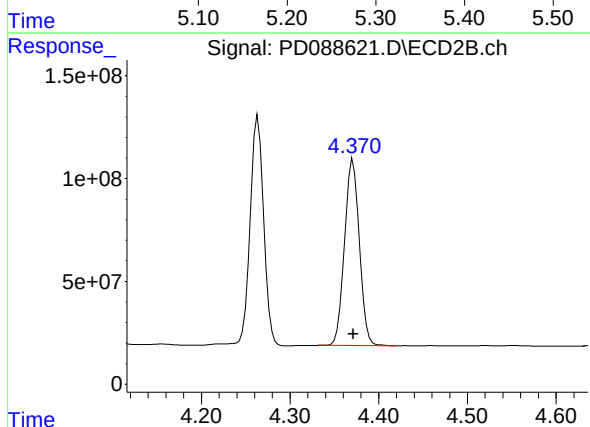
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 224110802
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

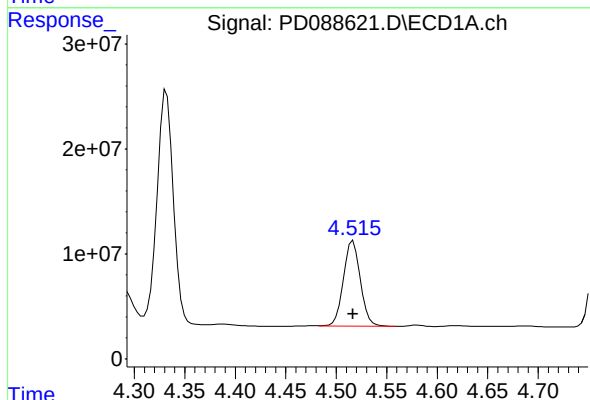
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



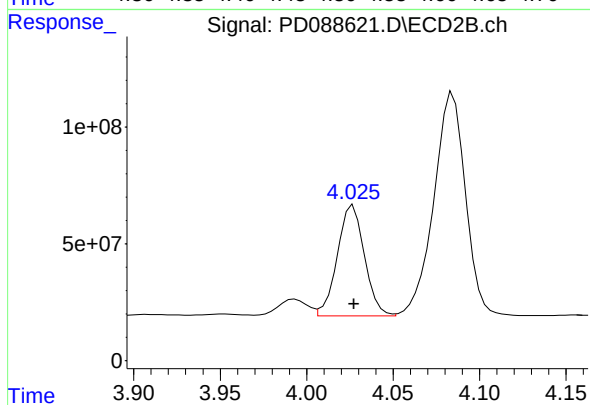
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 1055027175
Conc: 48.11 ng/ml



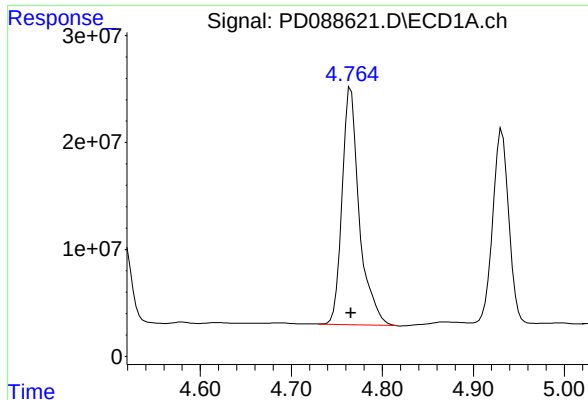
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 94604981
Conc: 52.47 ng/ml m



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 512039834
Conc: 52.56 ng/ml



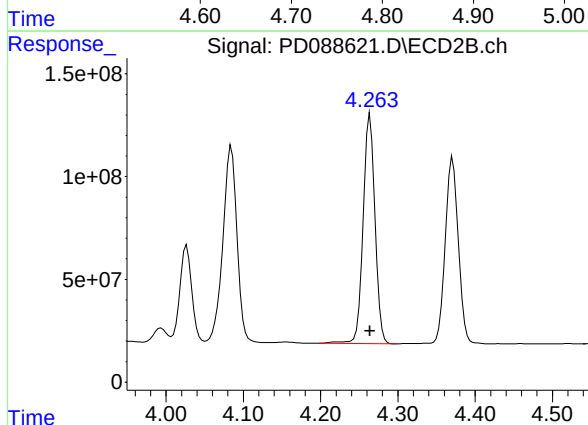
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 291496951
Conc: 68.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

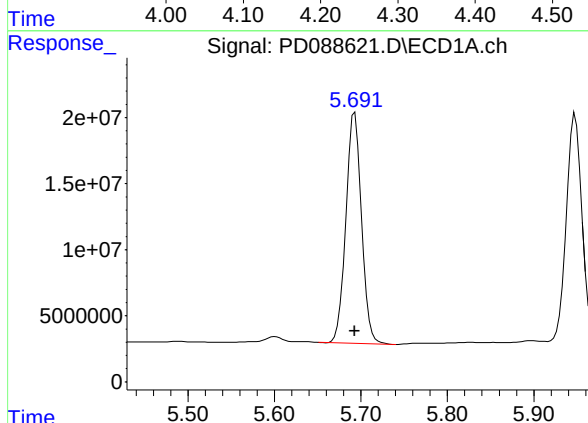
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



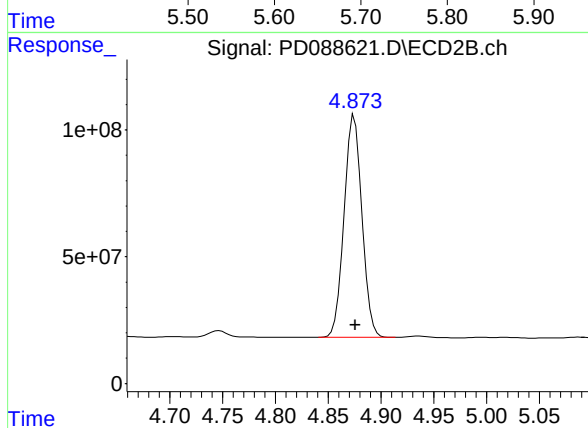
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1195366237
Conc: 53.62 ng/ml



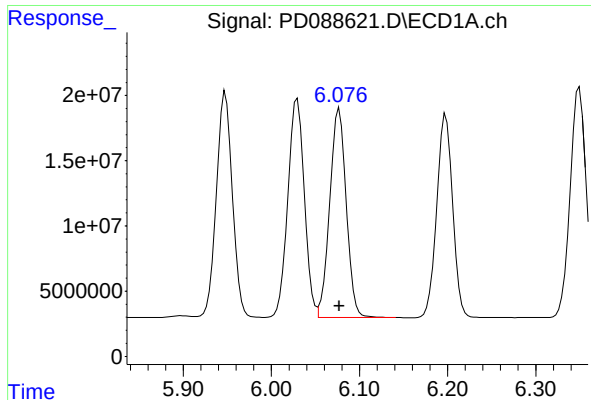
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 218594543
Conc: 55.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 1031642296
Conc: 51.92 ng/ml



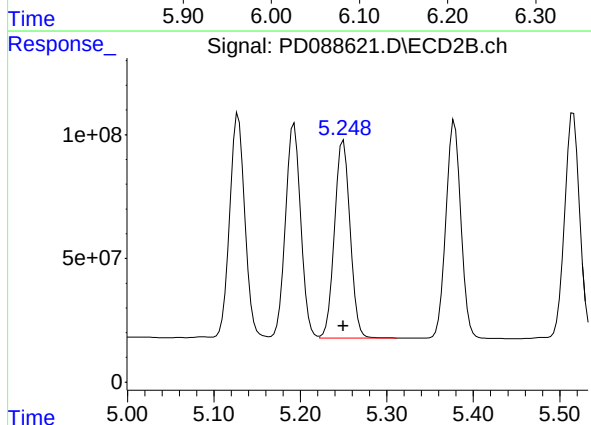
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 208898303
Conc: 55.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

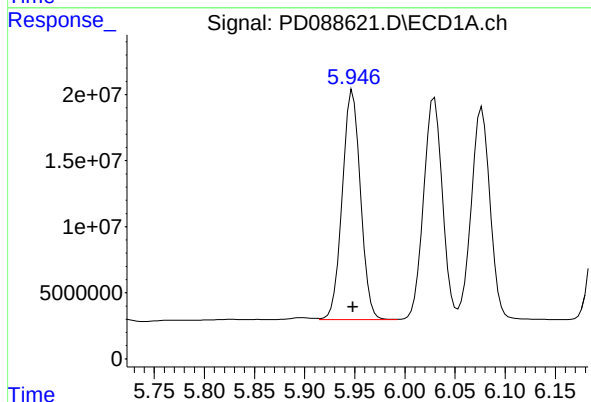
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



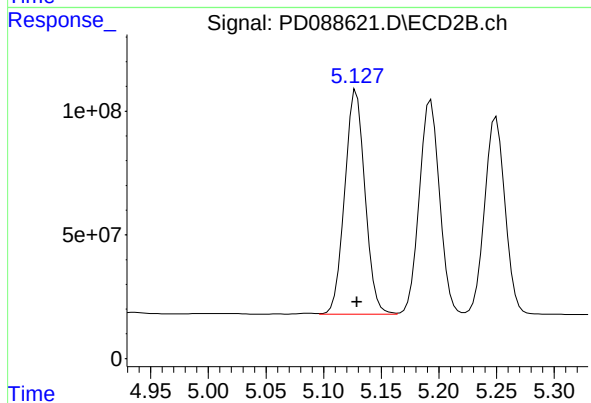
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 984986593
Conc: 51.90 ng/ml



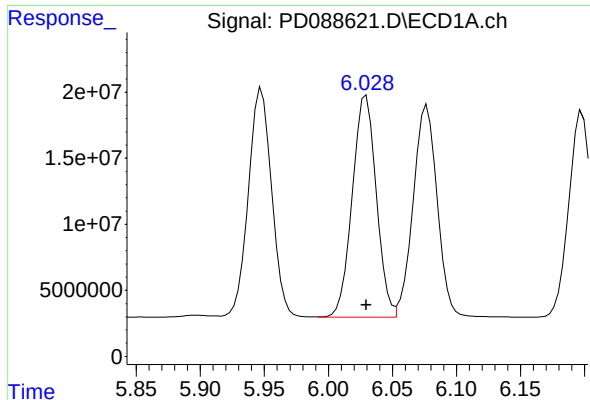
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 219024477
Conc: 54.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 1104742062
Conc: 51.79 ng/ml



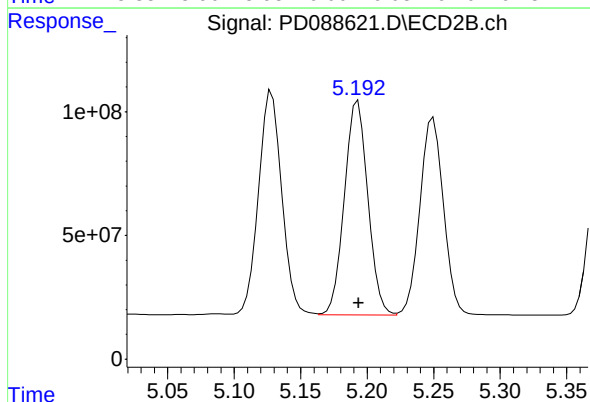
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 218534224
Conc: 54.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

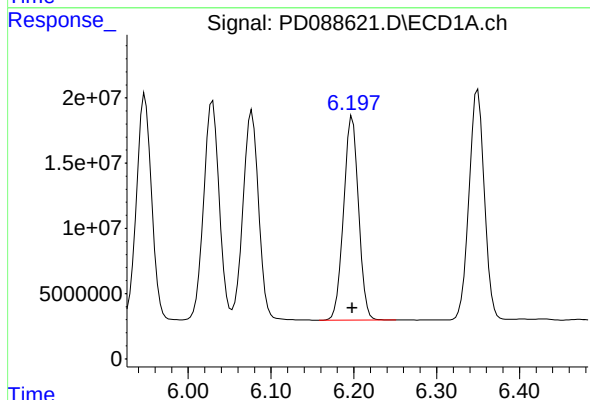
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



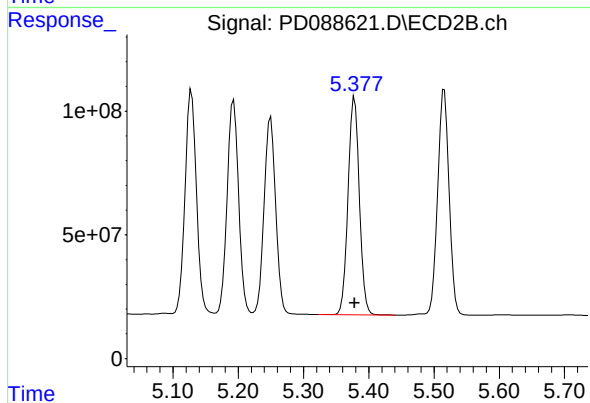
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1064452154
Conc: 51.61 ng/ml



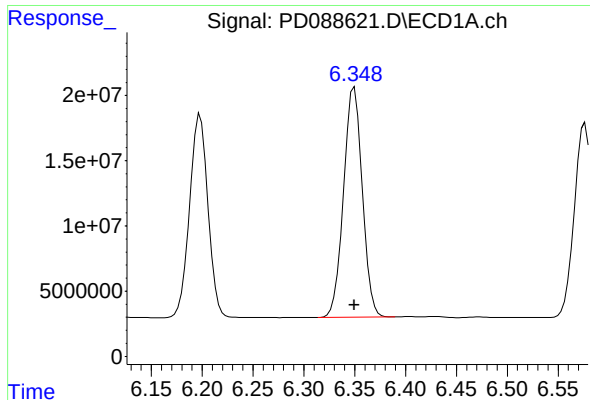
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 195646877
Conc: 54.51 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 1058110934
Conc: 50.62 ng/ml



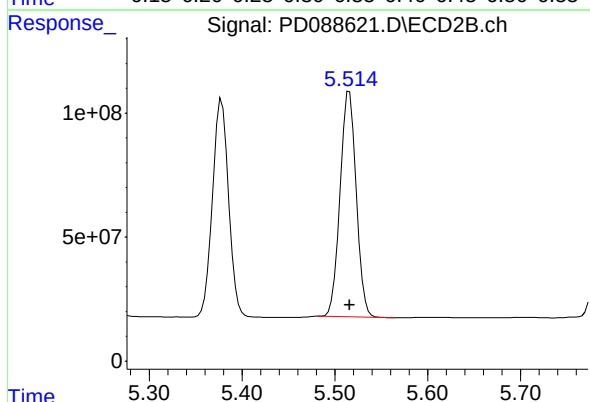
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 225906668
Conc: 56.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

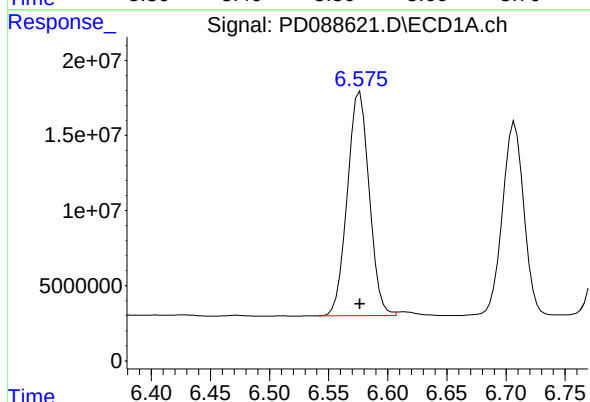
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



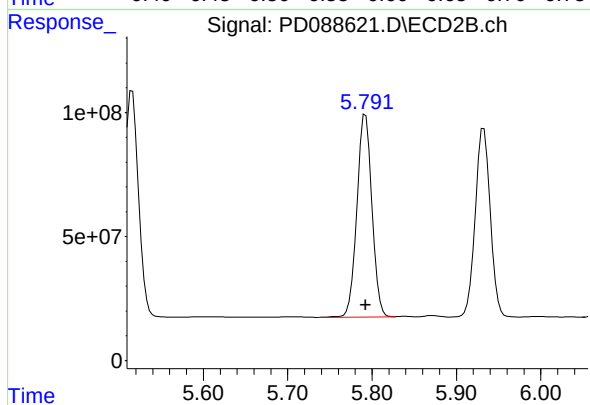
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1099963199
Conc: 52.27 ng/ml



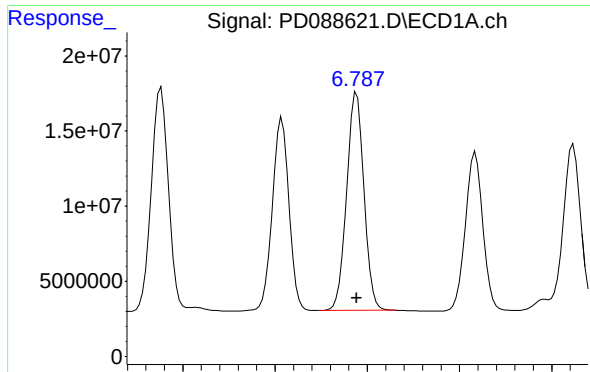
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 192015278
Conc: 56.22 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1013089276
Conc: 52.54 ng/ml



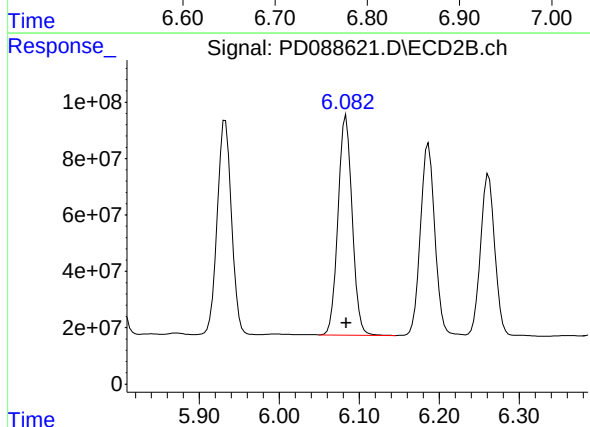
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 189058113
Conc: 54.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

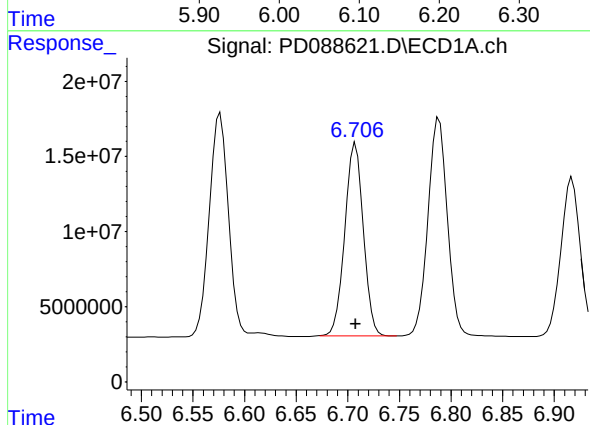
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



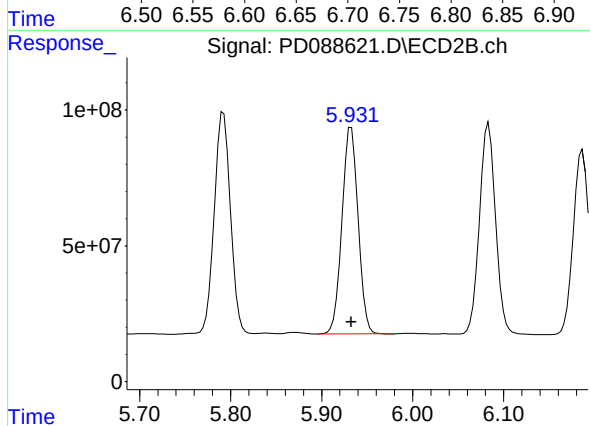
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 956137667
Conc: 52.19 ng/ml



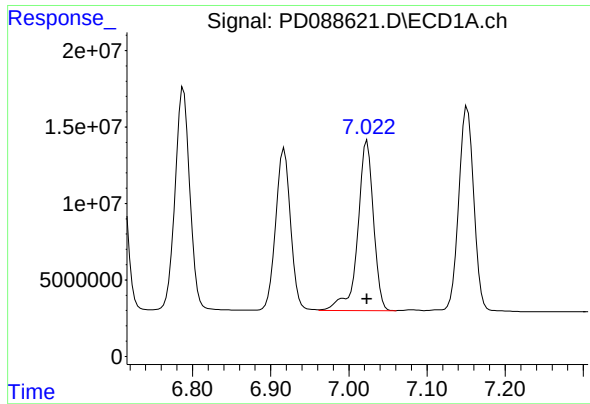
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 160224903
Conc: 57.53 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 938557134
Conc: 53.96 ng/ml



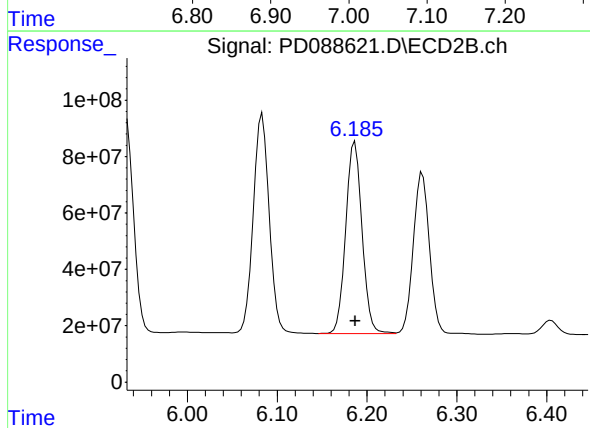
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 155781171
Conc: 49.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

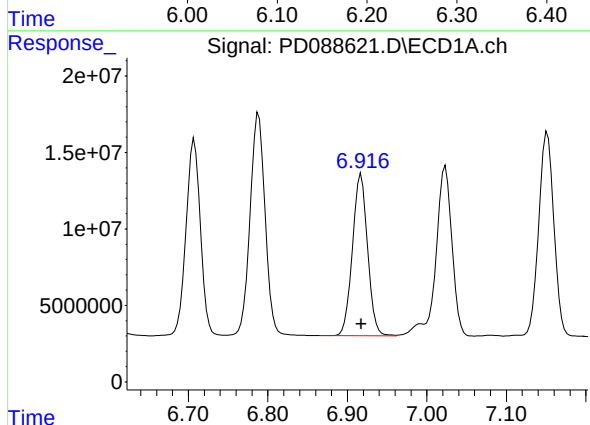
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



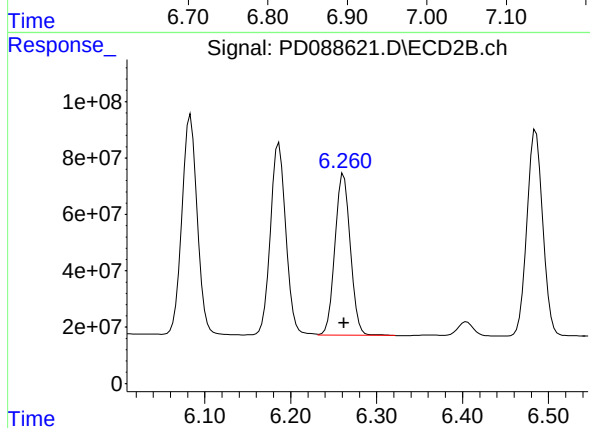
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 857107413
Conc: 47.26 ng/ml



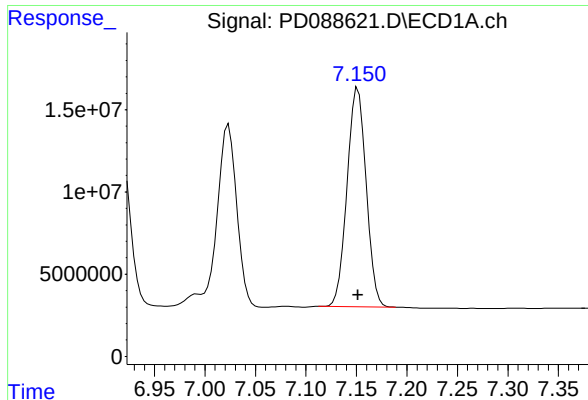
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 139784640
Conc: 54.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 716335441
Conc: 51.43 ng/ml



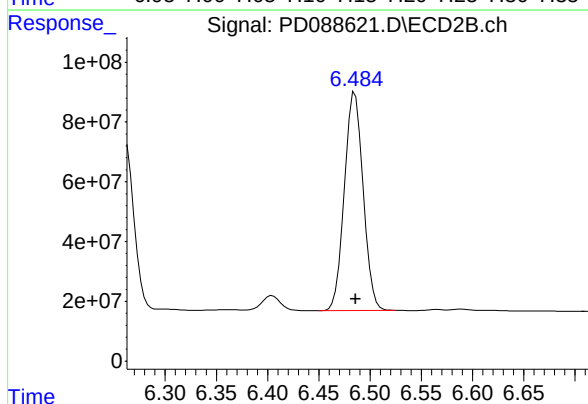
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 175625949
Conc: 54.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

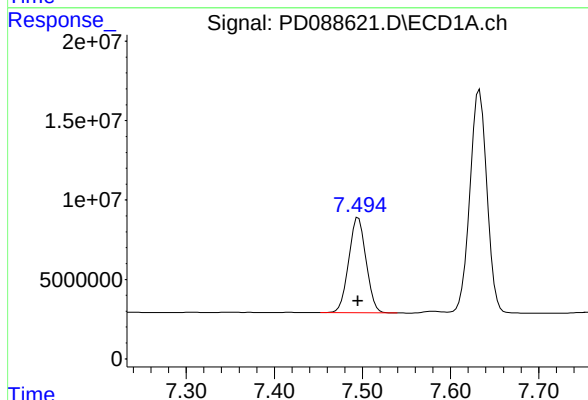
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



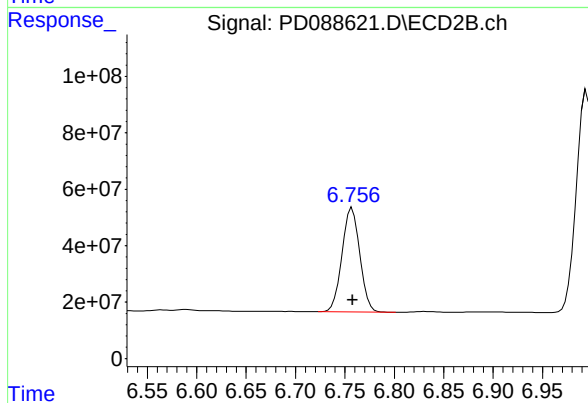
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 927491814
Conc: 52.24 ng/ml



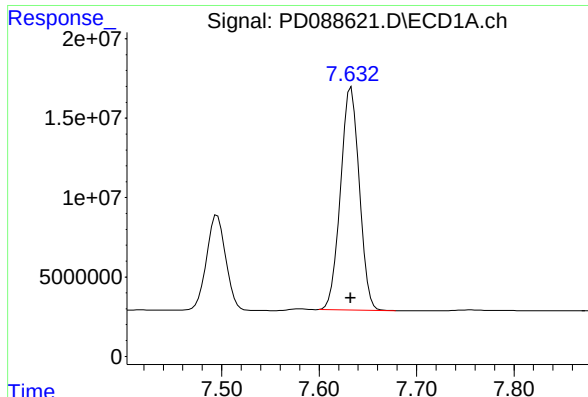
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 82293688
Conc: 49.26 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 460657080
Conc: 48.11 ng/ml



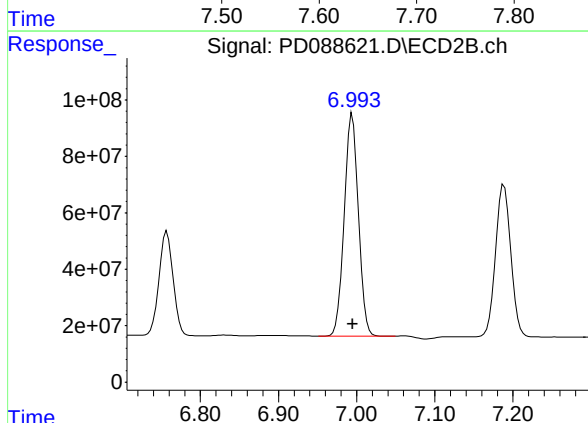
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 187567837
Conc: 54.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
B27-SOIL-SAMPLEMS

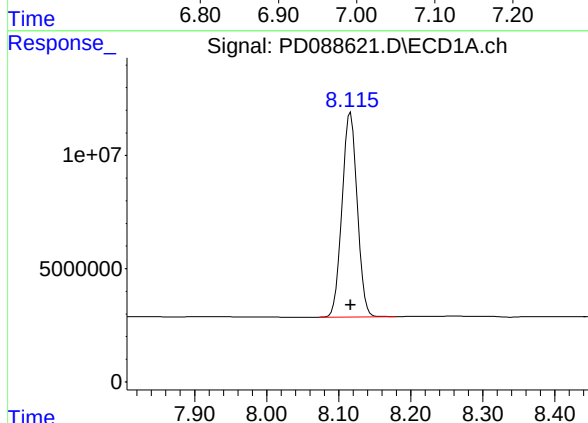
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



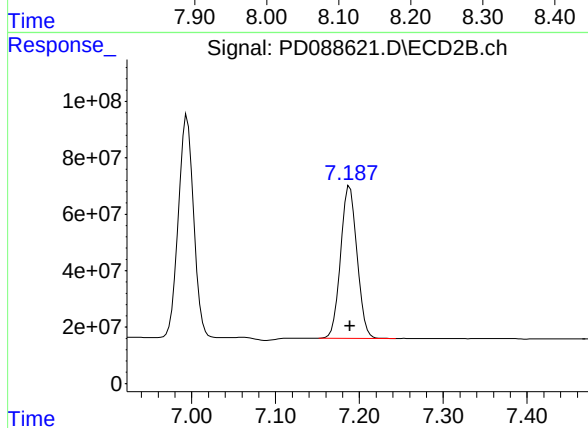
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 991938102
Conc: 51.27 ng/ml



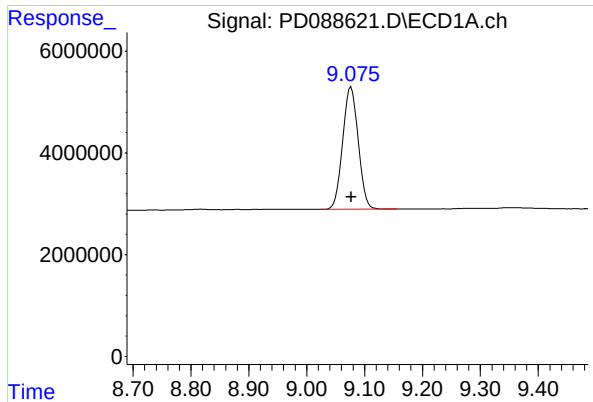
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 132162308
Conc: 50.87 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 732485802
Conc: 48.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 44525169
Conc: 13.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

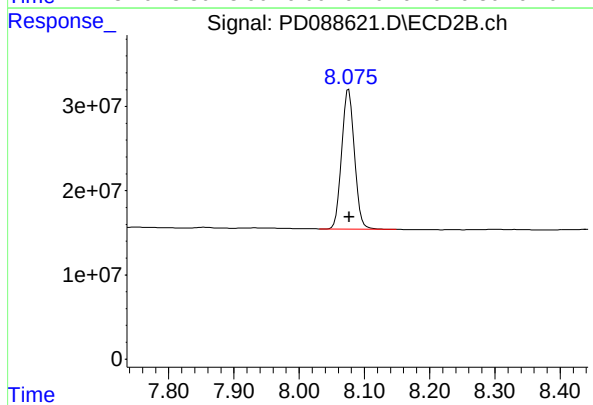
B27-SOIL-SAMPLEMS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 224917957
Conc: 12.32 ng/ml