

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
 Data File : PD089342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 12:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 13:22:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.549	2.880	152.0E6	941.9E6	53.260	55.560
28)	SA Decachlor...	9.070	8.070	191.9E6	977.6E6	48.860	49.451
Target Compounds							
2)	A alpha-BHC	3.998	3.392	326.1E6	1514.1E6	55.941	56.501
3)	MA gamma-BHC...	4.329	3.727	310.5E6	1399.0E6	55.632	56.511m
4)	MA Heptachlor	4.928	4.081	300.9E6	1399.2E6	55.185	55.883
5)	MB Aldrin	5.269	4.367	292.4E6	1373.4E6	55.036	56.712
6)	B beta-BHC	4.514	4.024	118.8E6	596.5E6	53.810	55.512
7)	B delta-BHC	4.763	4.261	301.1E6	1405.8E6	58.655	56.516
8)	B Heptachlo...	5.689	4.869	261.6E6	1227.2E6	54.231	56.042m
9)	A Endosulfan I	6.072	5.245	247.9E6	1218.6E6	54.993	58.468
10)	B gamma-Chl...	5.944	5.122	265.2E6	1337.8E6	55.389	55.921m
11)	B alpha-Chl...	6.025	5.187	264.7E6	1282.9E6	54.698	56.028m
12)	B 4,4'-DDE	6.194	5.373	240.9E6	1306.8E6	55.236	57.027
13)	MA Dieldrin	6.345	5.511	265.4E6	1309.4E6	55.328	56.418
14)	MA Endrin	6.573	5.787	224.6E6	1204.9E6	54.446	55.490
15)	B Endosulfa...	6.784	6.078	222.9E6	1132.6E6	55.214	56.079
16)	A 4,4'-DDD	6.703	5.928	187.0E6	1024.5E6	54.480	53.558
17)	MA 4,4'-DDT	7.019	6.181	201.9E6	1149.8E6	53.299	56.697
18)	B Endrin al...	6.913	6.257	162.8E6	844.8E6	53.145	55.174
19)	B Endosulfa...	7.148	6.480	198.4E6	1083.8E6	51.713	55.239
20)	A Methoxychlor	7.491	6.752	99253619	569.4E6	49.120	52.879
21)	B Endrin ke...	7.628	6.989	207.3E6	1160.1E6	50.907	53.702
22)	Mirex	8.112	7.183	148.7E6	884.7E6	48.926	53.048

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
Data File : PD089342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 12:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

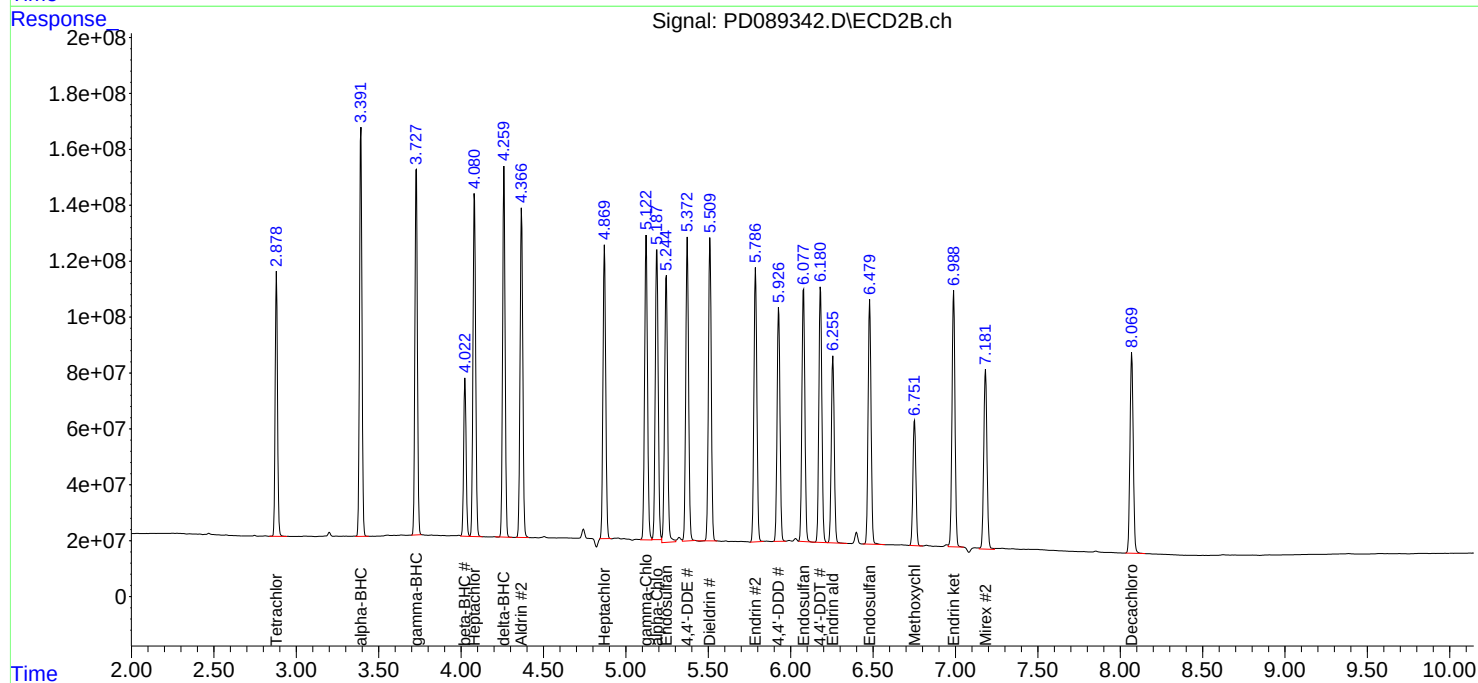
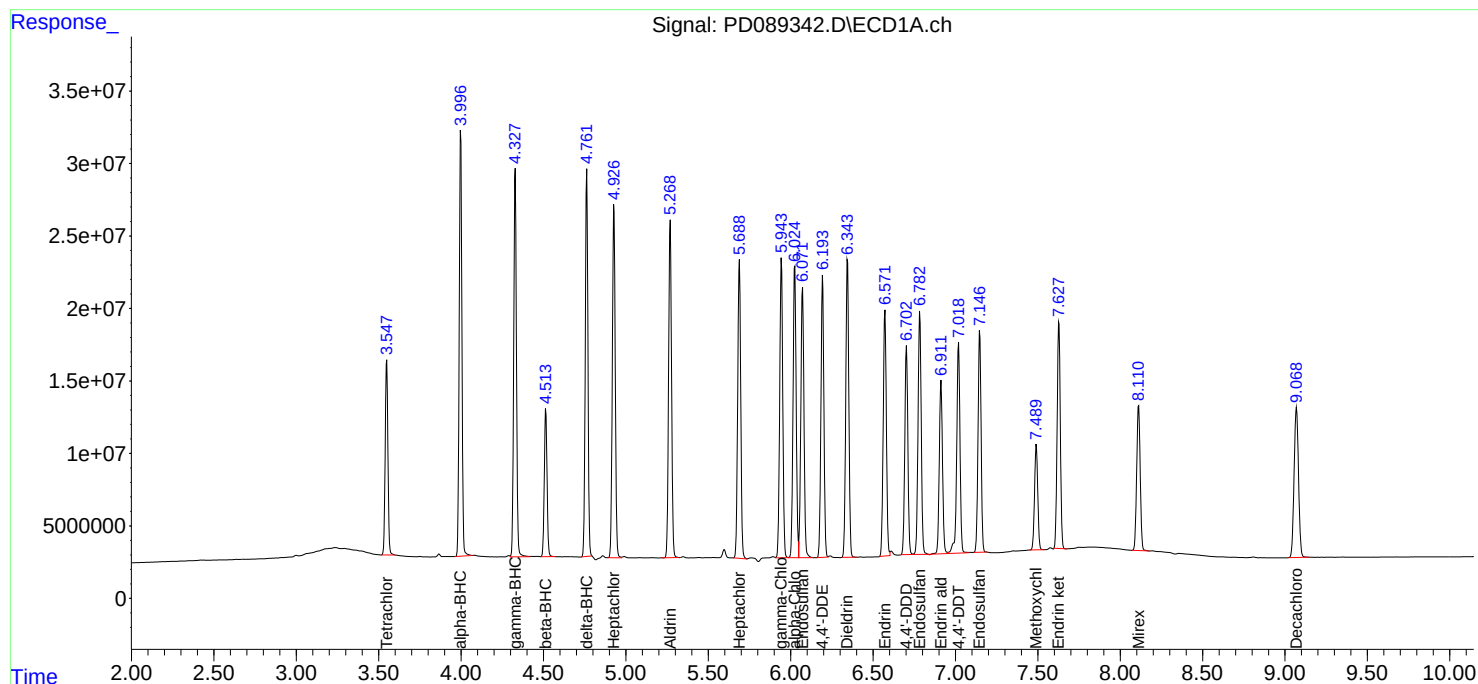
APPROVED

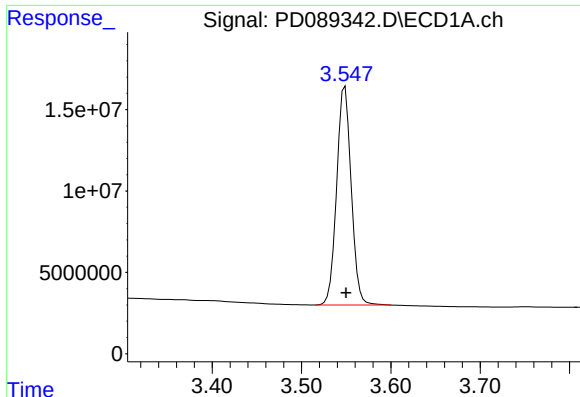
Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:22:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





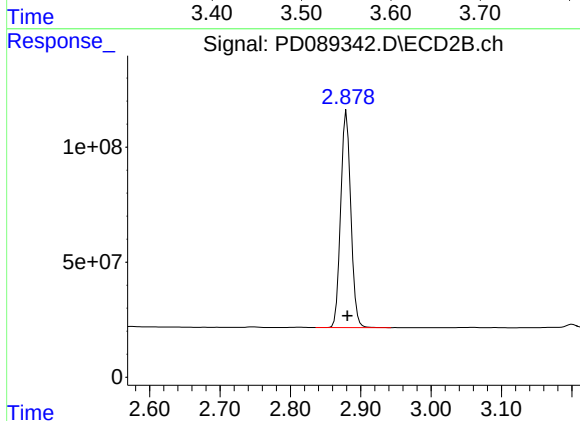
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 151957418
Conc: 53.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

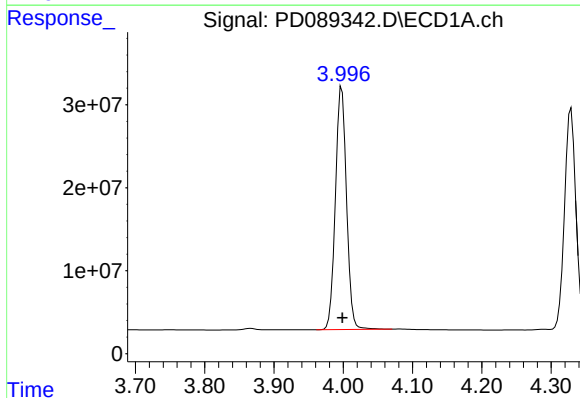
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



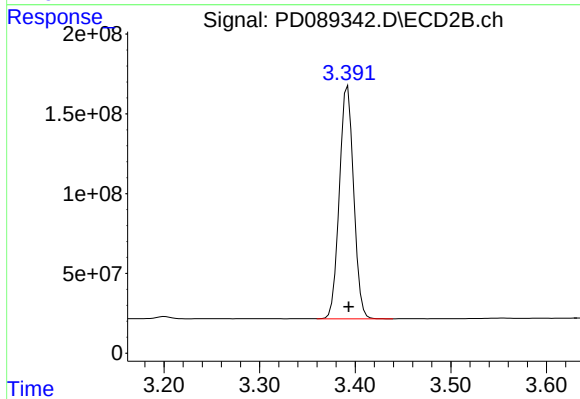
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 941913035
Conc: 55.56 ng/ml



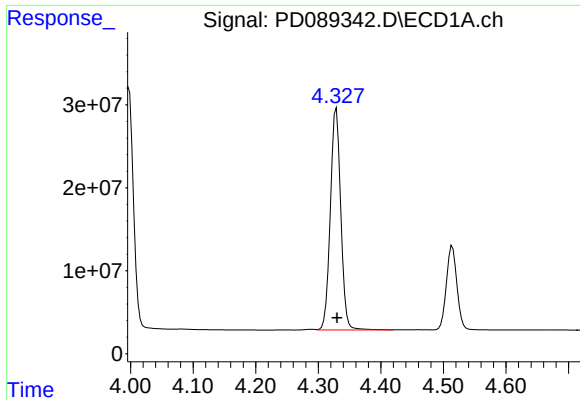
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 326084385
Conc: 55.94 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 1514053125
Conc: 56.50 ng/ml



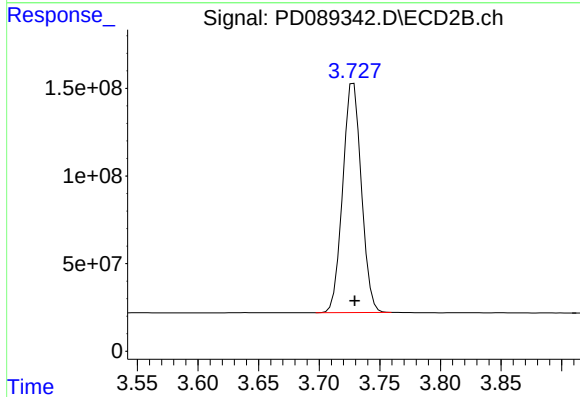
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.001 min
Response: 310521547
Conc: 55.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

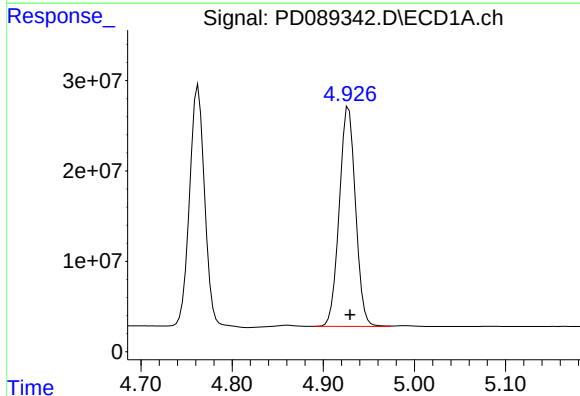
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



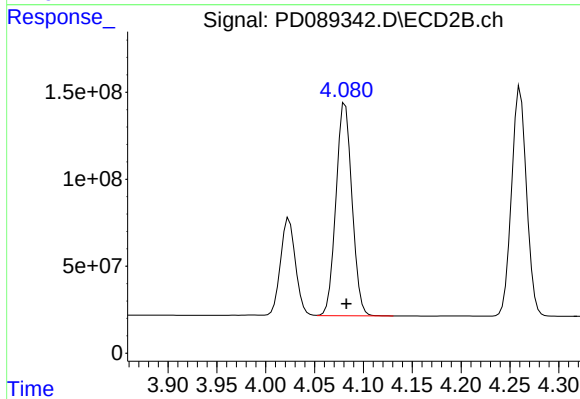
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.002 min
Response: 1399025751
Conc: 56.51 ng/ml m



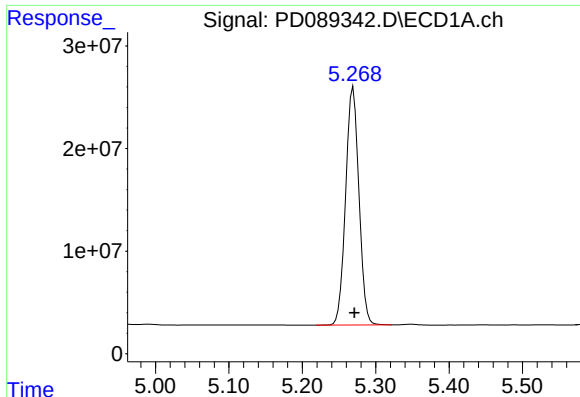
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 300868641
Conc: 55.19 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 1399214310
Conc: 55.88 ng/ml



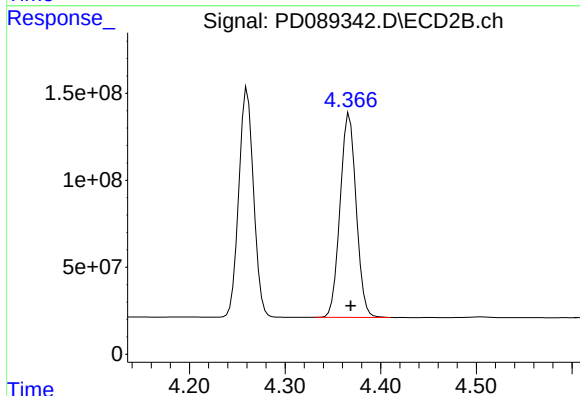
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 292404322
Conc: 55.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

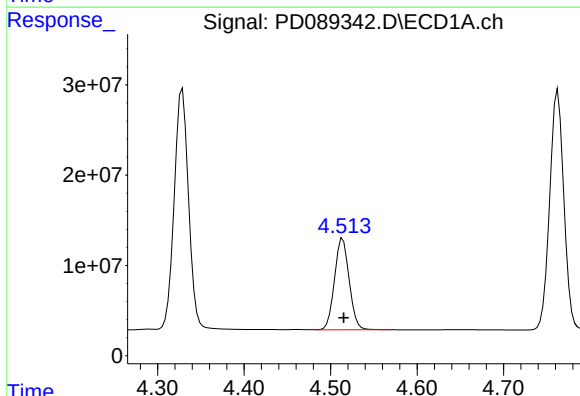
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



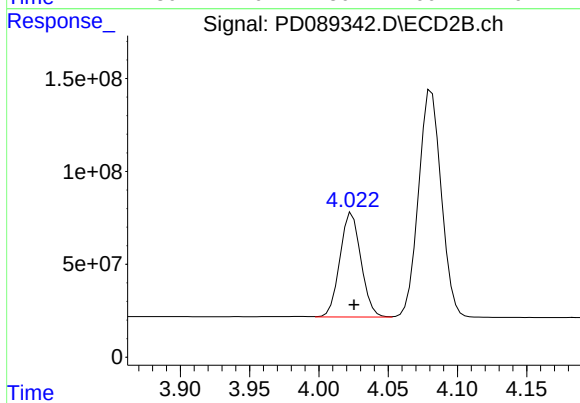
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1373402398
Conc: 56.71 ng/ml



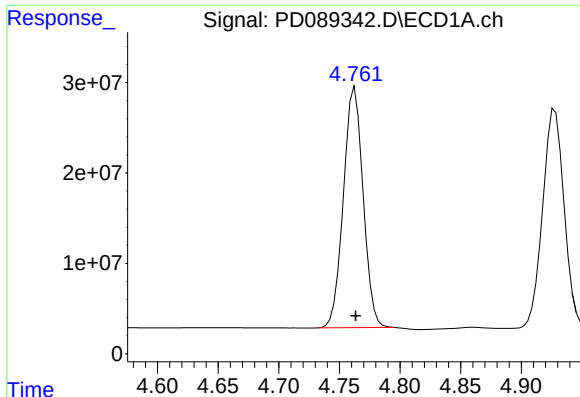
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 118765784
Conc: 53.81 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 596542819
Conc: 55.51 ng/ml



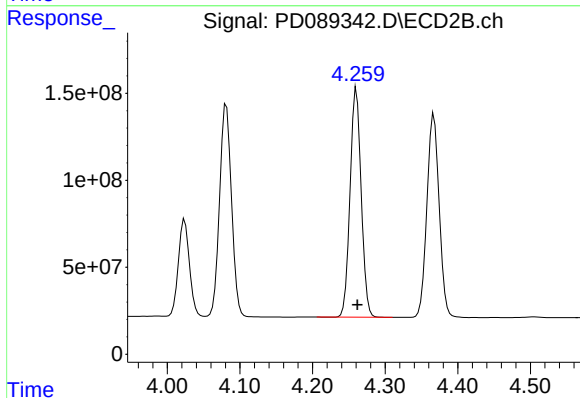
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 301070581
Conc: 58.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

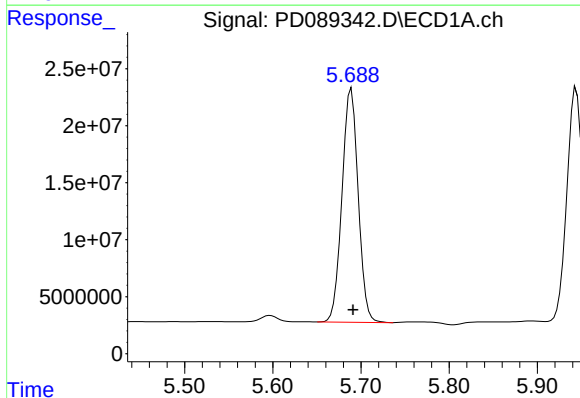
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



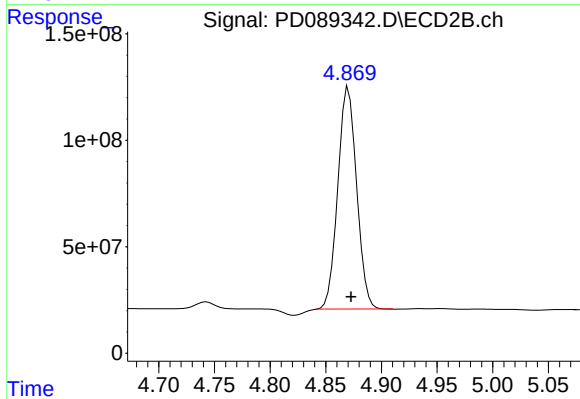
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1405752247
Conc: 56.52 ng/ml



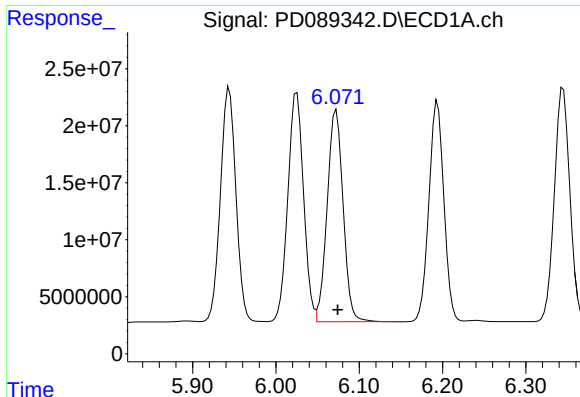
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 261608956
Conc: 54.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: -0.004 min
Response: 1227219470
Conc: 56.04 ng/ml m



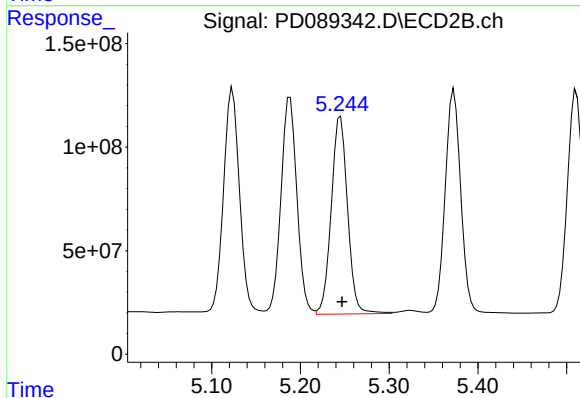
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 247879793
Conc: 54.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

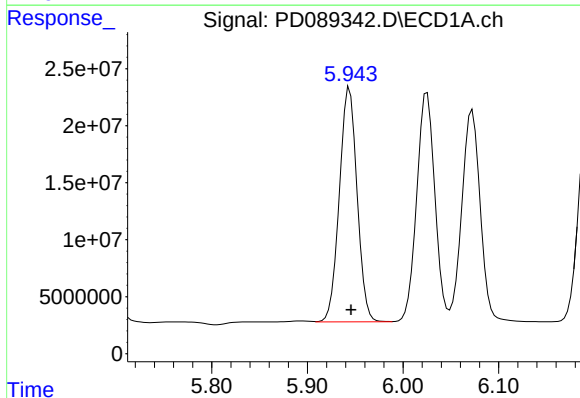
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



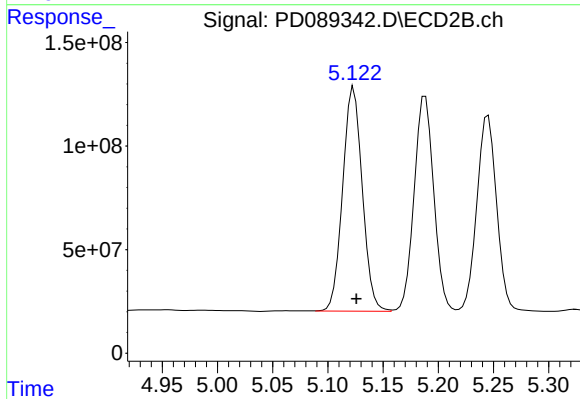
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 1218620172
Conc: 58.47 ng/ml



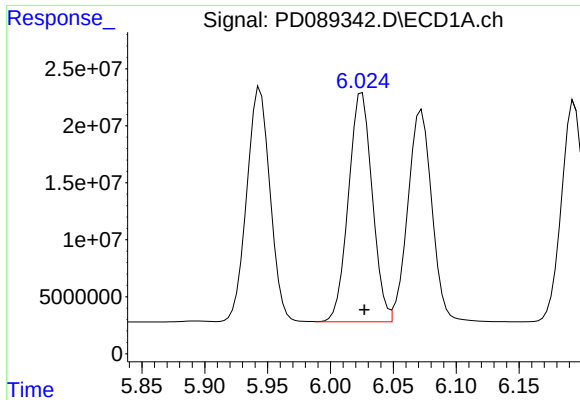
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 265207660
Conc: 55.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 1337781158
Conc: 55.92 ng/ml m



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: -0.002 min
Response: 264656908
Conc: 54.70 ng/ml

Instrument :

ECD_D

ClientSampleId :

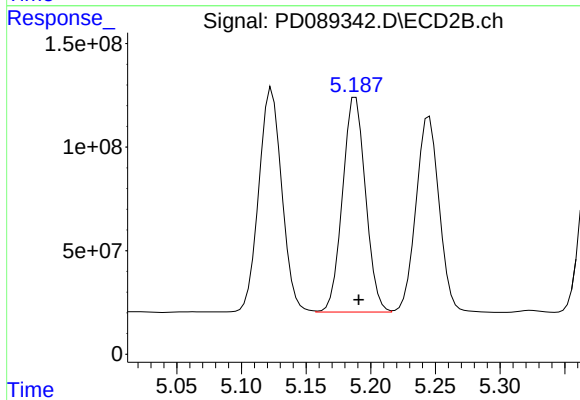
PSTDCCC050

Manual Integrations

APPROVED

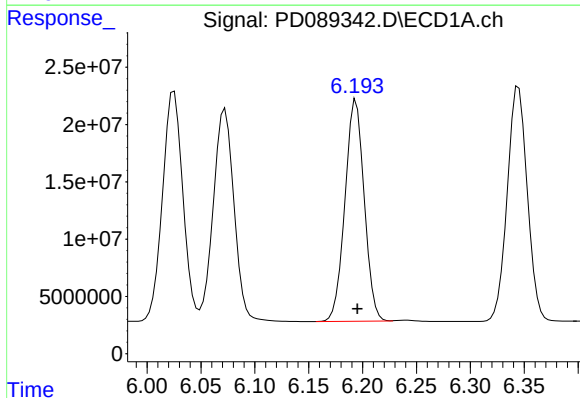
Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025



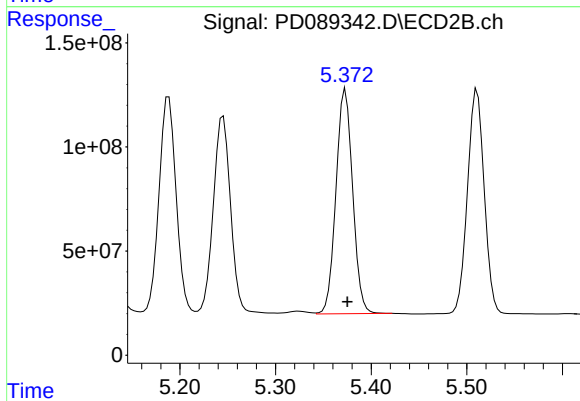
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: -0.004 min
Response: 1282868334
Conc: 56.03 ng/ml m



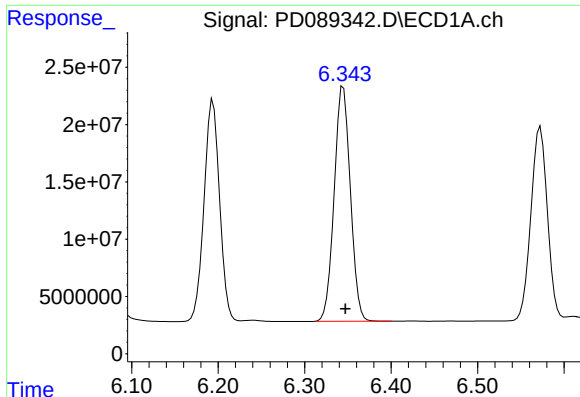
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 240883913
Conc: 55.24 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 1306831316
Conc: 57.03 ng/ml



#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 265436021
Conc: 55.33 ng/ml

Instrument :

ECD_D

ClientSampleId :

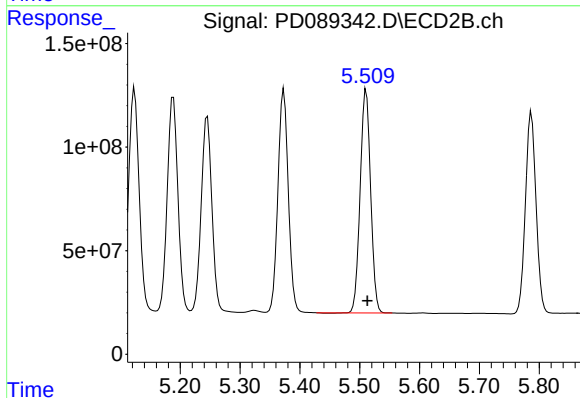
PSTDCCC050

Manual Integrations

APPROVED

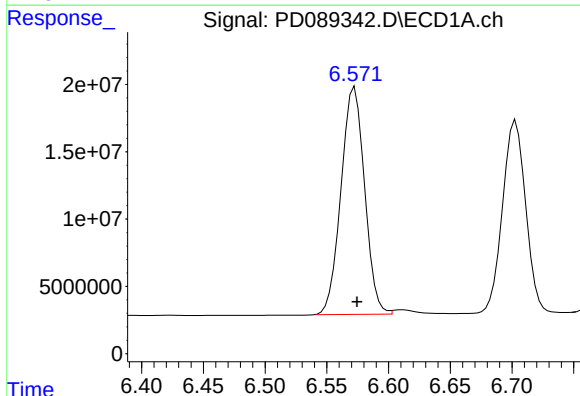
Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025



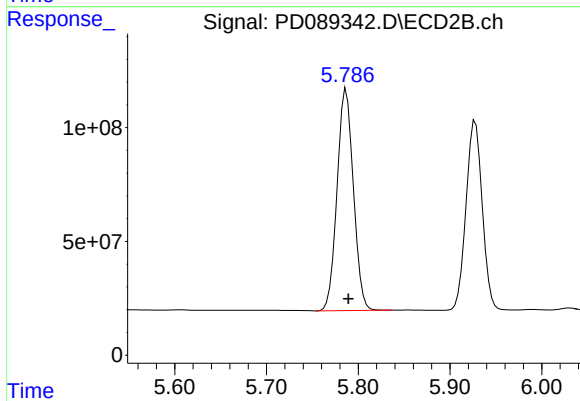
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1309367836
Conc: 56.42 ng/ml



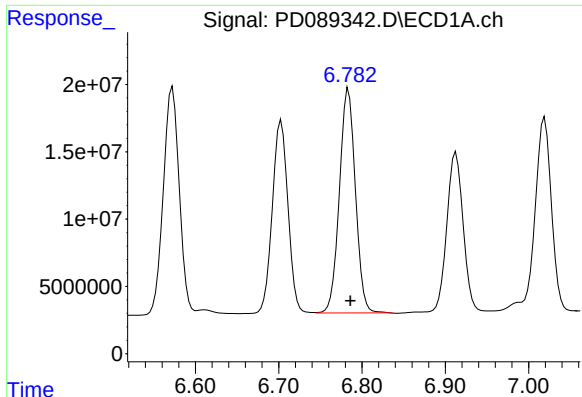
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 224622370
Conc: 54.45 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1204911212
Conc: 55.49 ng/ml



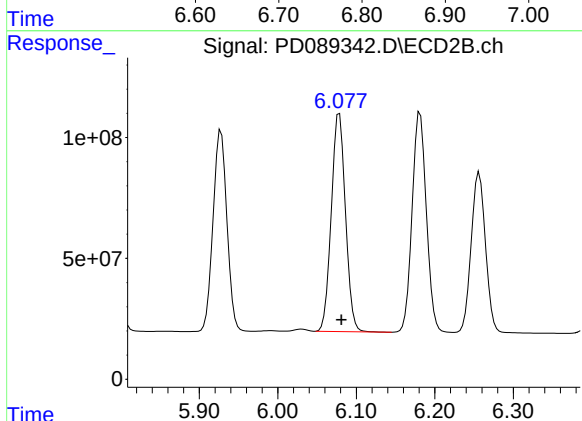
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 222877006
Conc: 55.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

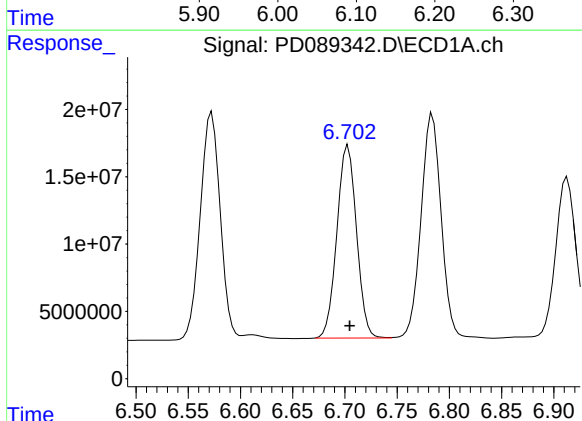
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



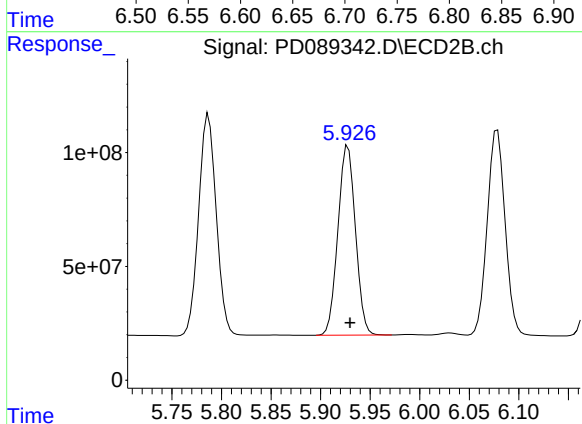
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 1132597350
Conc: 56.08 ng/ml



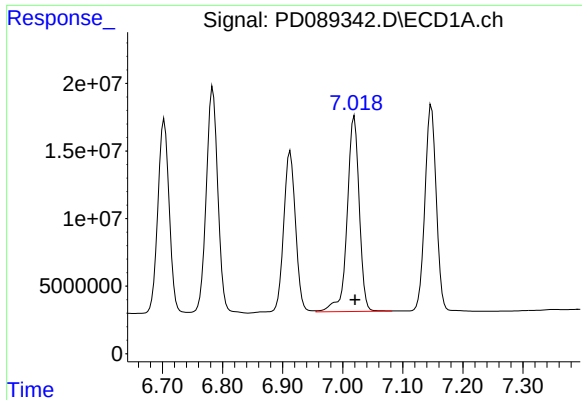
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 186978625
Conc: 54.48 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1024531236
Conc: 53.56 ng/ml



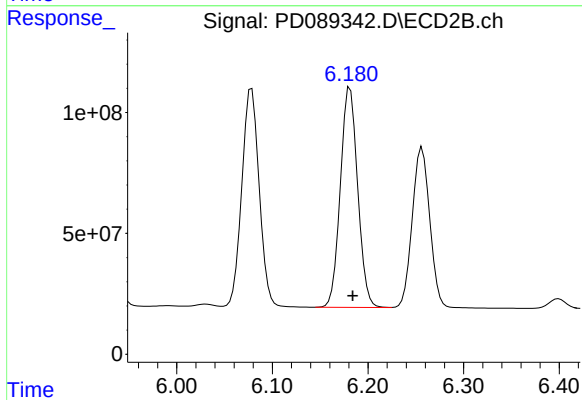
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.001 min
Response: 201906746
Conc: 53.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

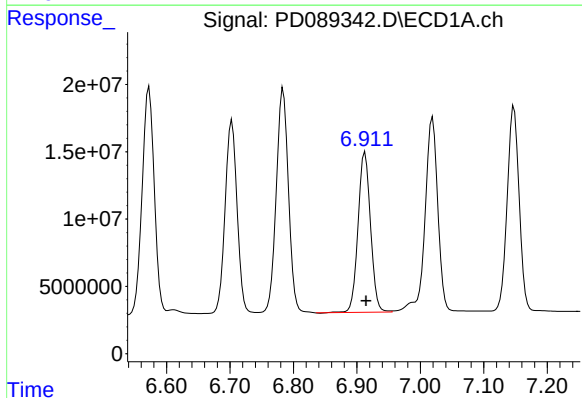
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



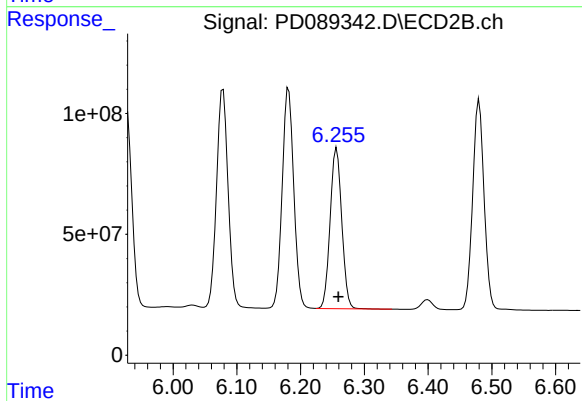
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 1149782689
Conc: 56.70 ng/ml



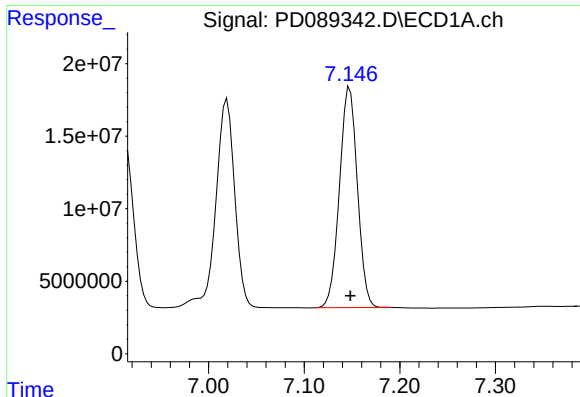
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 162831796
Conc: 53.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 844785002
Conc: 55.17 ng/ml



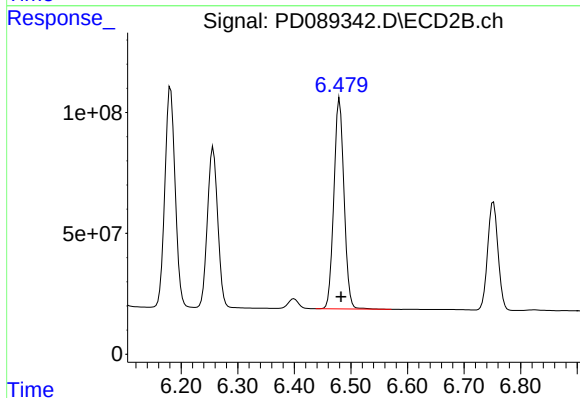
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 198432814
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

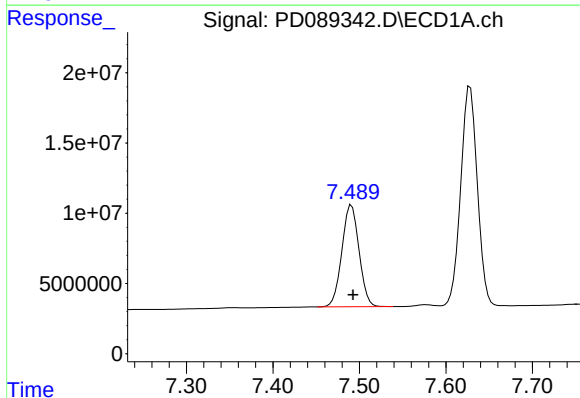
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



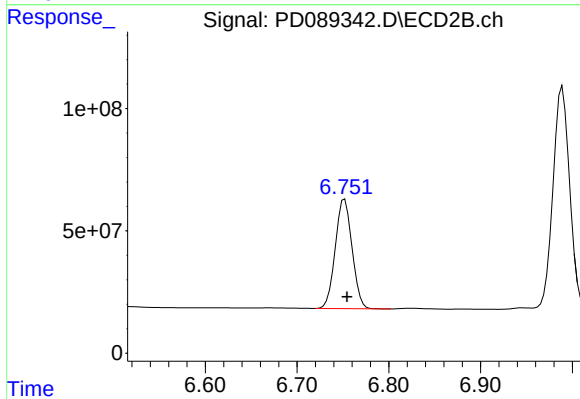
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 1083841337
Conc: 55.24 ng/ml



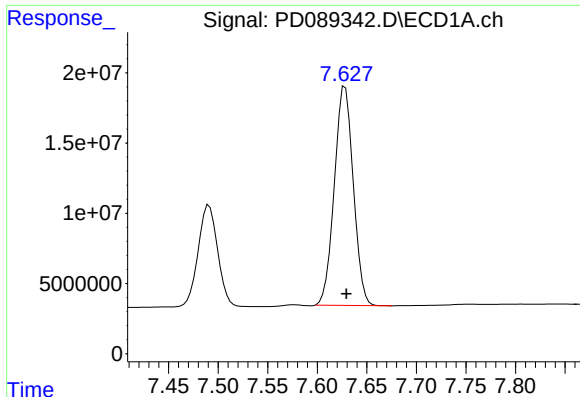
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 99253619
Conc: 49.12 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 569404429
Conc: 52.88 ng/ml



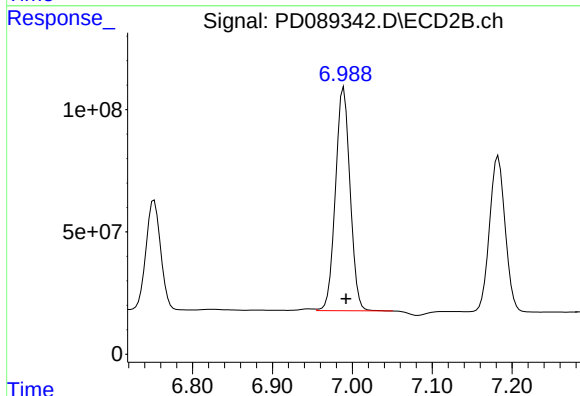
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 207347602
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

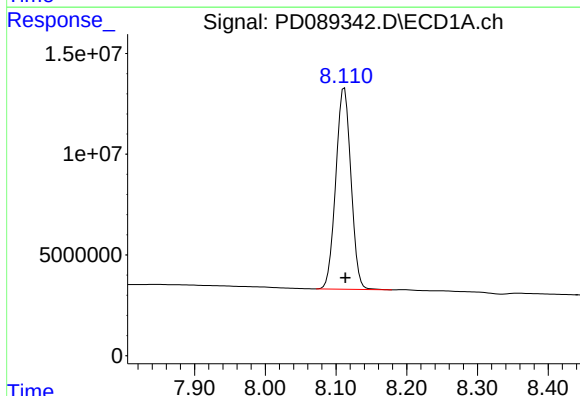
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/10/2025



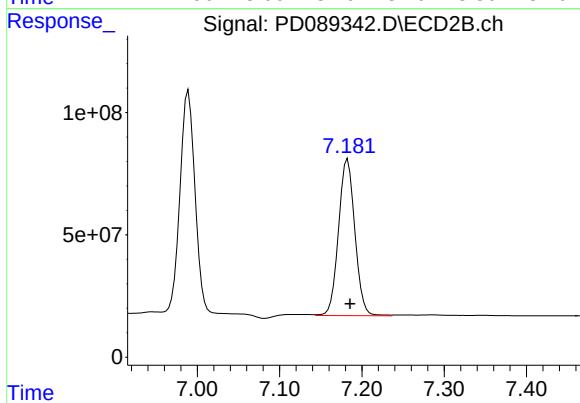
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 1160065970
Conc: 53.70 ng/ml



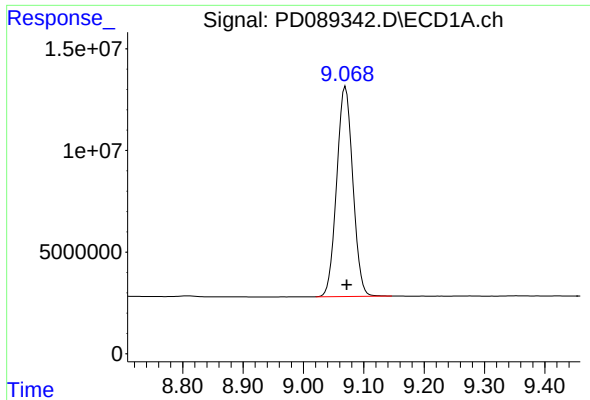
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.001 min
Response: 148742405
Conc: 48.93 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 884748643
Conc: 53.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.002 min
Response: 191905479
Conc: 48.86 ng/ml

Instrument :

ECD_D

ClientSampleId :

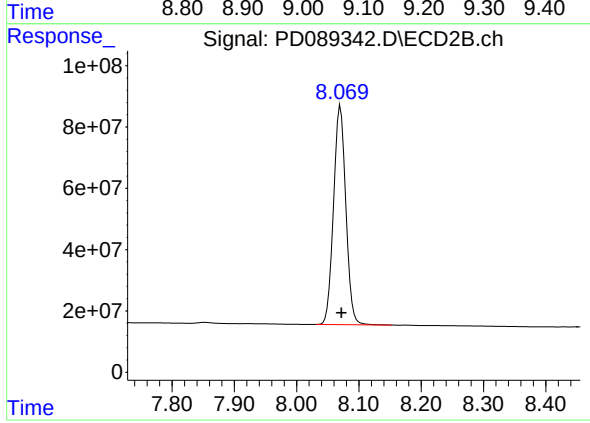
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 977645601
Conc: 49.45 ng/ml