

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
 Data File : PD089401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 13:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/10/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:42:49 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...	3.554	2.878	132.1E6	824.2E6	46.303	48.618
28)	SA Decachlor...	9.076	8.070	204.7E6	1105.7E6	52.117	55.928
Target Compounds							
2)	A alpha-BHC	4.003	3.391	278.5E6	1309.4E6	47.775	48.865
3)	MA gamma-BHC...	4.334	3.726	265.2E6	1207.7E6	47.515	48.784m
4)	MA Heptachlor	4.934	4.081	263.2E6	1194.8E6	48.280	47.720
5)	MB Aldrin	5.275	4.367	251.7E6	1181.9E6	47.376	48.804
6)	B beta-BHC	4.520	4.023	102.4E6	514.1E6	46.414	47.844
7)	B delta-BHC	4.768	4.260	253.9E6	1210.6E6	49.465	48.669
8)	B Heptachlo...	5.695	4.871	222.8E6	1091.4E6	46.182	49.840
9)	A Endosulfan I	6.078	5.245	211.9E6	1028.1E6	47.006	49.329
10)	B gamma-Chl...	5.950	5.124	225.4E6	1164.0E6	47.069	48.657
11)	B alpha-Chl...	6.030	5.188	227.4E6	1114.4E6	47.006	48.668
12)	B 4,4'-DDE	6.200	5.373	207.0E6	1118.7E6	47.457	48.817
13)	MA Dieldrin	6.350	5.511	228.1E6	1125.2E6	47.544	48.483
14)	MA Endrin	6.578	5.787	190.2E6	1011.4E6	46.113	46.577
15)	B Endosulfa...	6.790	6.079	191.8E6	978.1E6	47.509	48.431
16)	A 4,4'-DDD	6.709	5.928	163.5E6	930.3E6	47.644	48.634
17)	MA 4,4'-DDT	7.025	6.182	181.2E6	987.4E6	47.841	48.692
18)	B Endrin al...	6.919	6.257	142.3E6	731.5E6	46.449	47.773
19)	B Endosulfa...	7.153	6.481	179.9E6	954.0E6	46.873	48.624
20)	A Methoxychlor	7.497	6.752	94314448	497.9E6	46.676	46.237
21)	B Endrin ke...	7.634	6.990	195.7E6	1060.4E6	48.055	49.088
22)	Mirex	8.117	7.184	142.8E6	811.5E6	46.964	48.657

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
Data File : PD089401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 13:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

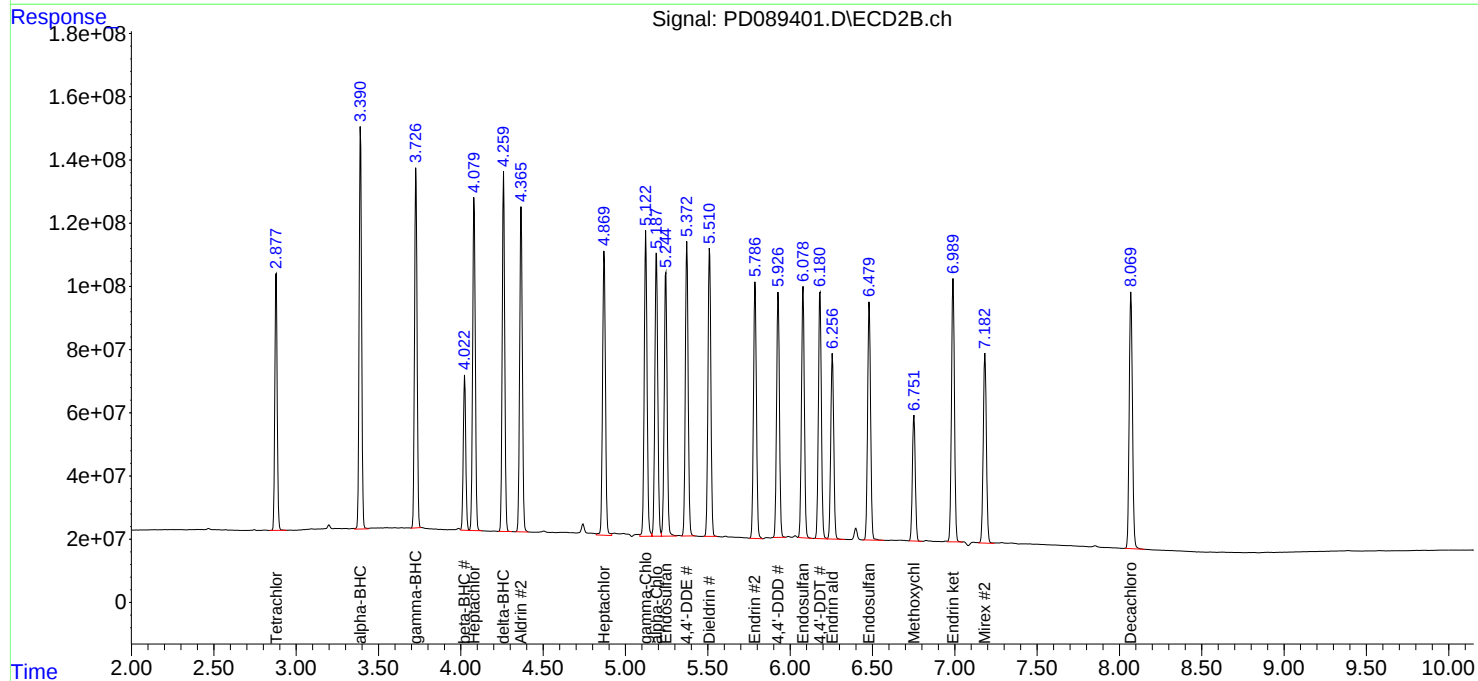
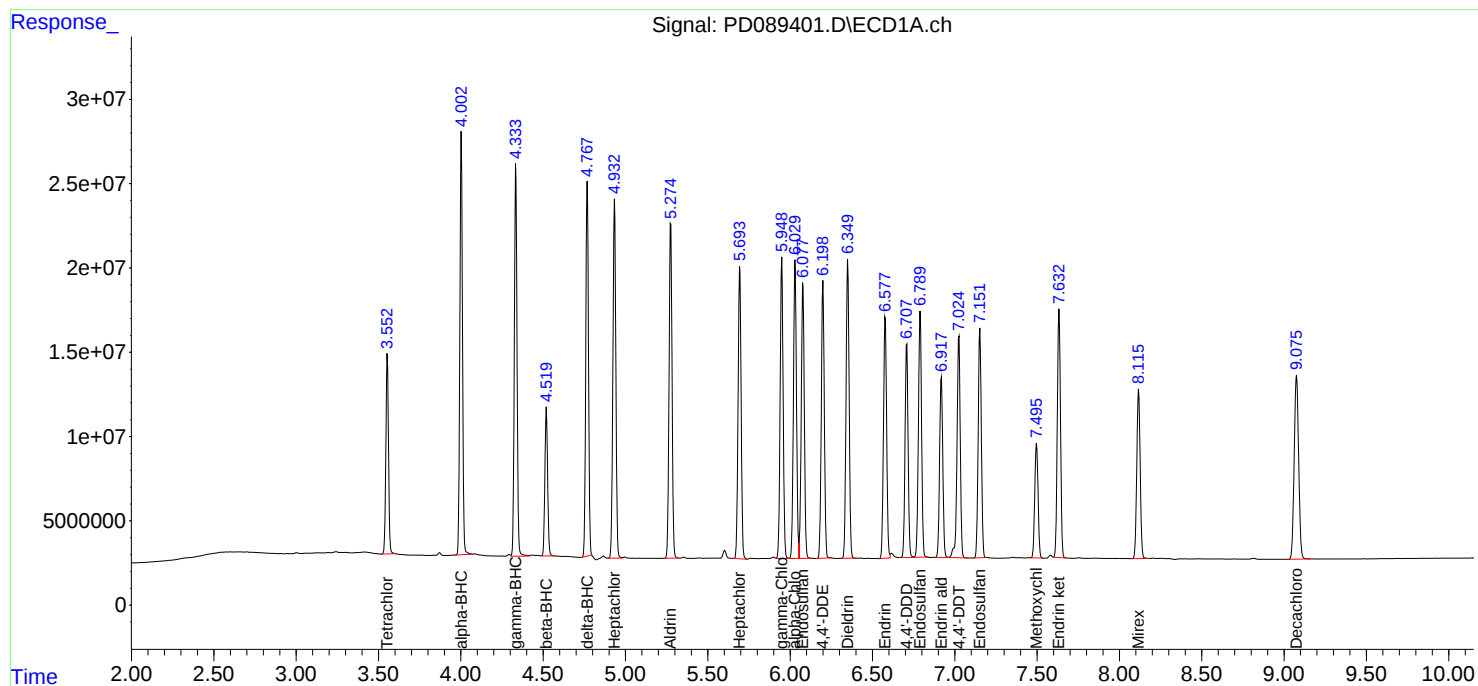
APPROVED

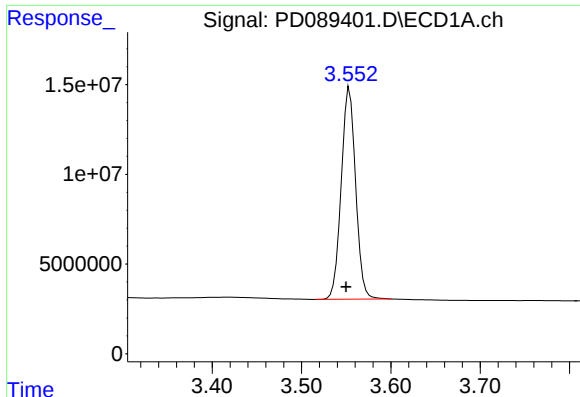
Reviewed By :Abdul Mirza 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:49 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





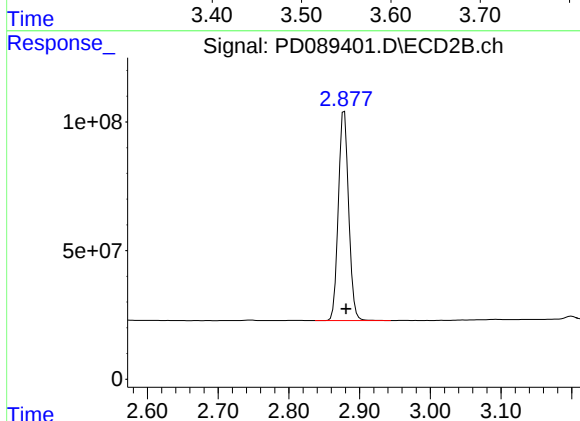
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 132107722
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

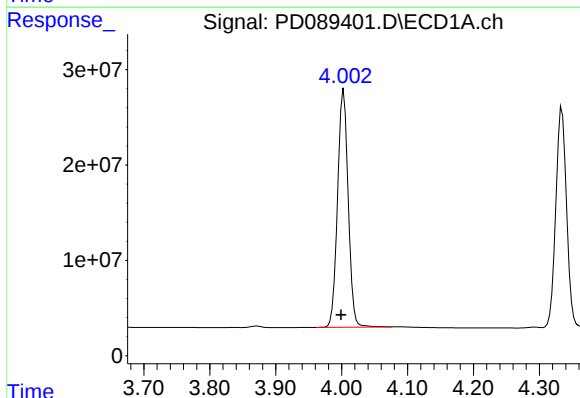
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



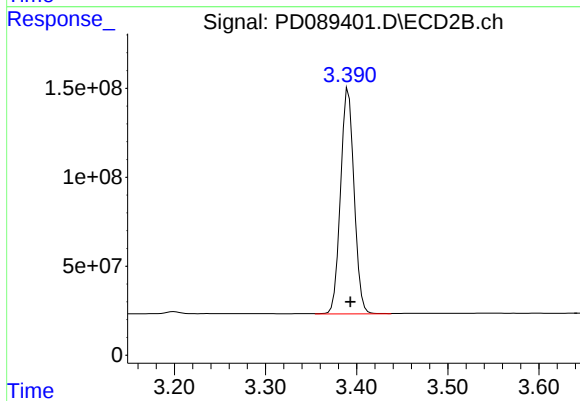
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.002 min
Response: 824232527
Conc: 48.62 ng/ml



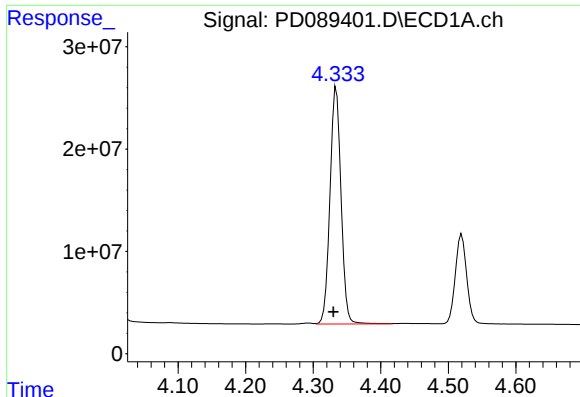
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.004 min
Response: 278485849
Conc: 47.78 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.002 min
Response: 1309430488
Conc: 48.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.004 min
Response: 265213542
Conc: 47.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

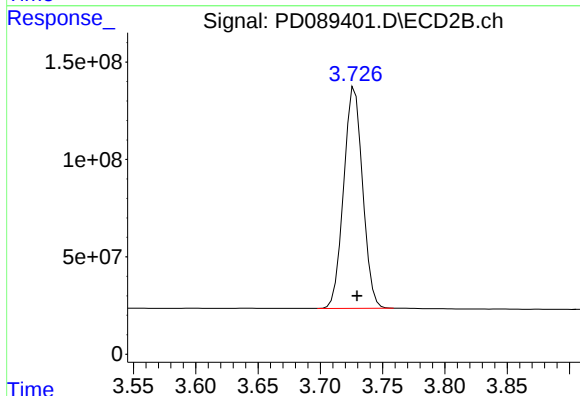
PSTDCCC050

Manual Integrations

APPROVED

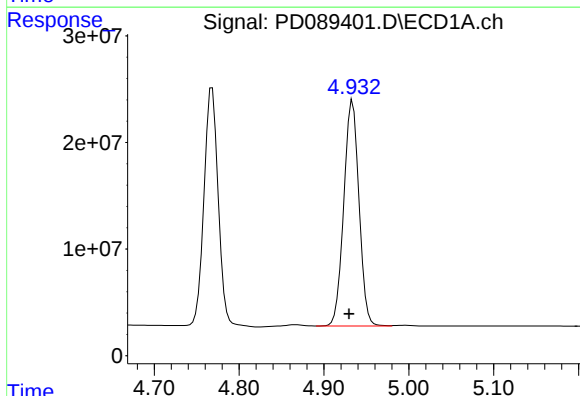
Reviewed By :Abdul Mirza 07/10/2025

Supervised By :mohammad ahmed 07/11/2025



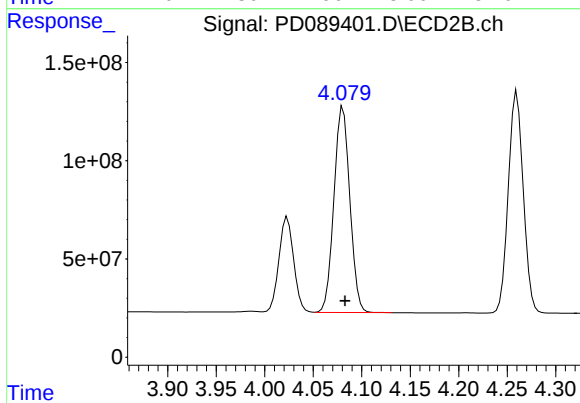
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.003 min
Response: 1207732643
Conc: 48.78 ng/ml m



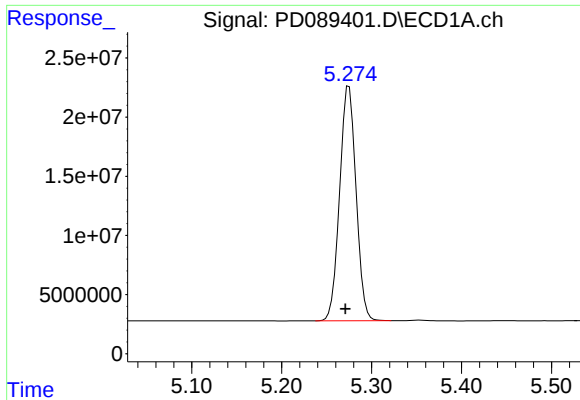
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.004 min
Response: 263219107
Conc: 48.28 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1194843483
Conc: 47.72 ng/ml



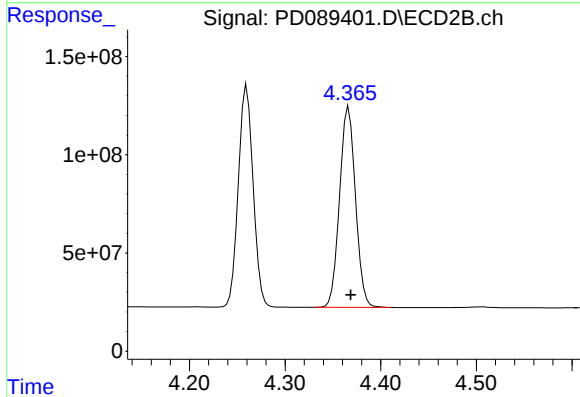
#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.004 min
Response: 251708819
Conc: 47.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

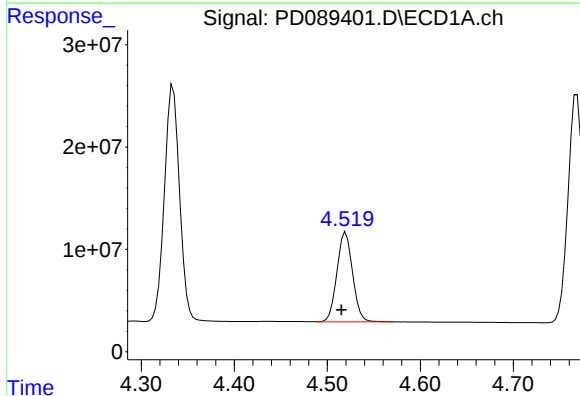
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



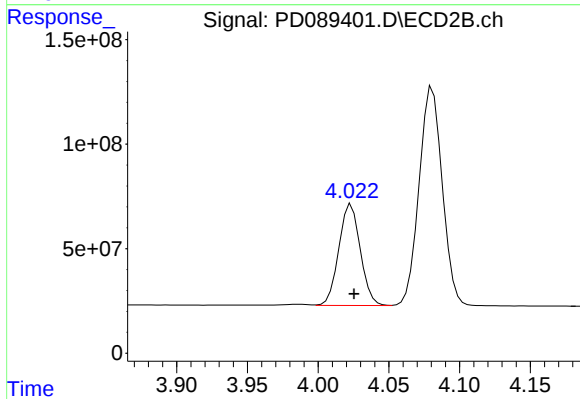
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1181891566
Conc: 48.80 ng/ml



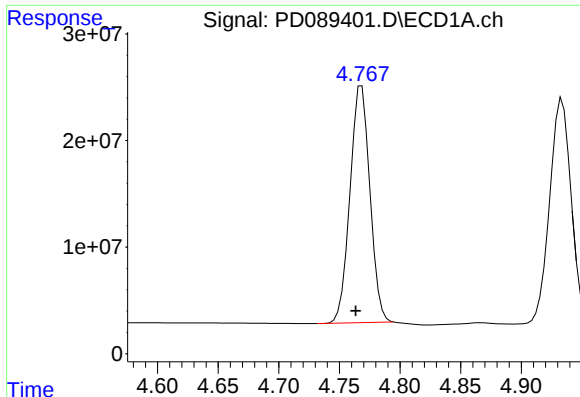
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 102442613
Conc: 46.41 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 514139726
Conc: 47.84 ng/ml



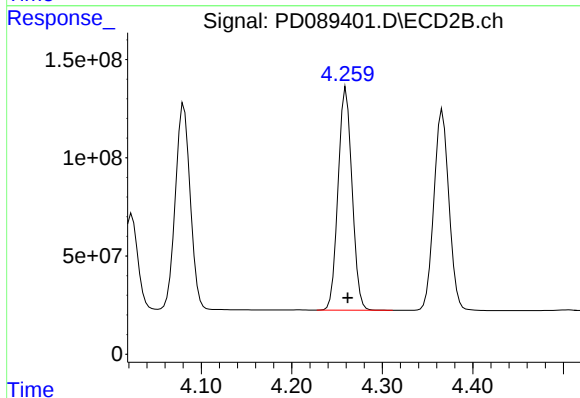
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.005 min
Response: 253896781
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

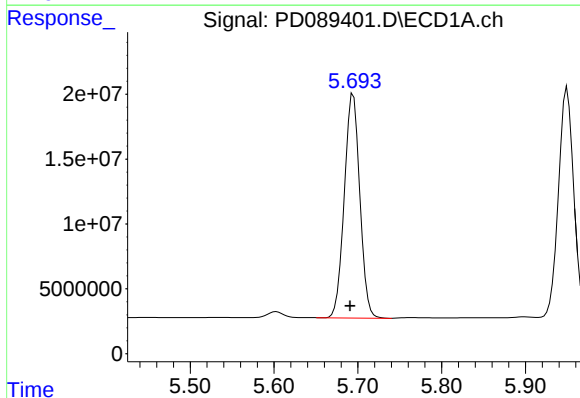
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



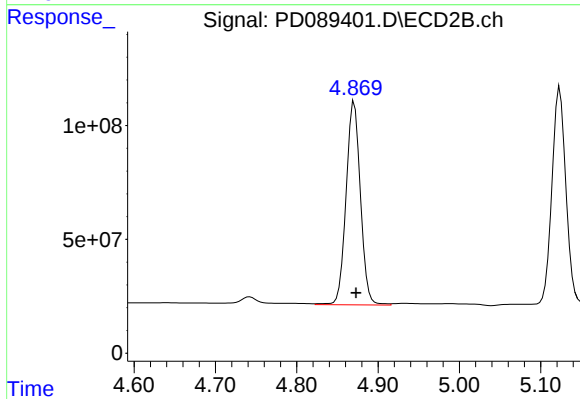
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 1210564757
Conc: 48.67 ng/ml



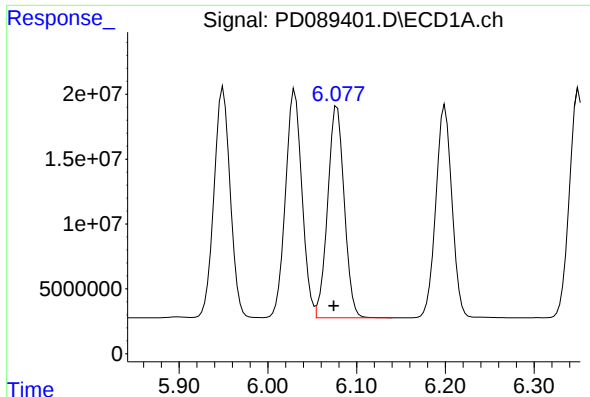
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.004 min
Response: 222781268
Conc: 46.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 1091393579
Conc: 49.84 ng/ml



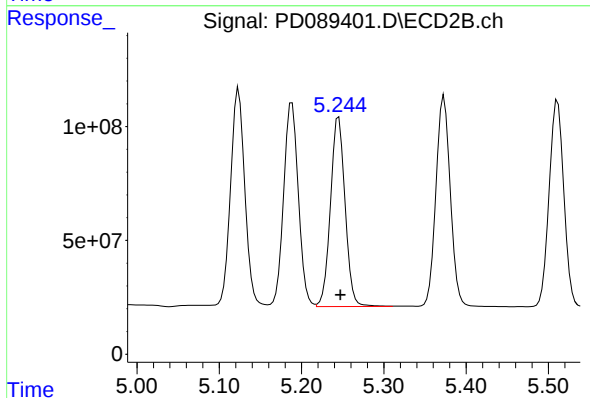
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.004 min
Response: 211876766
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

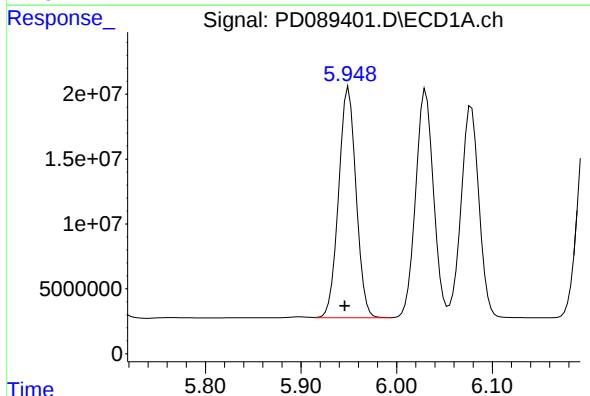
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



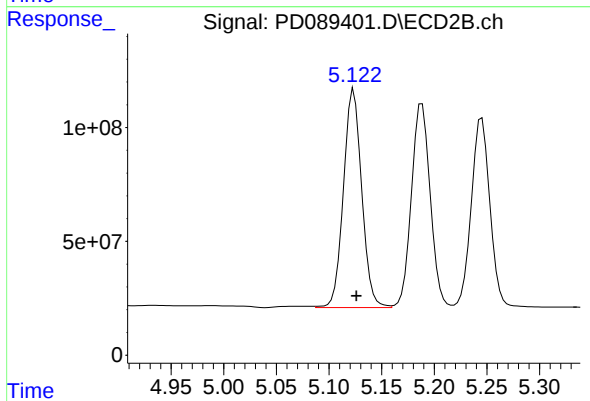
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 1028129881
Conc: 49.33 ng/ml



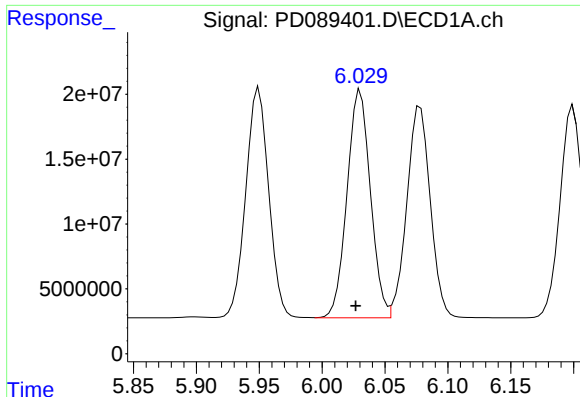
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.004 min
Response: 225371287
Conc: 47.07 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1164019153
Conc: 48.66 ng/ml



#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.004 min
Response: 227440901
Conc: 47.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

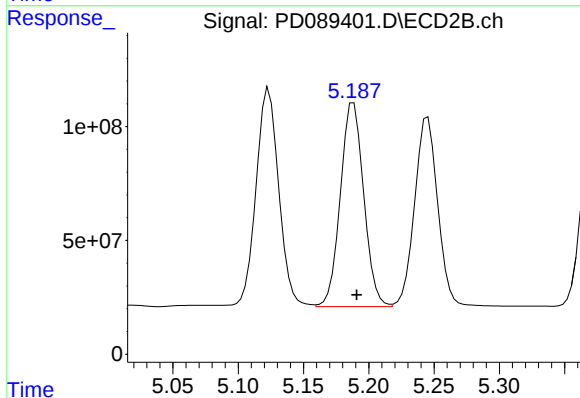
PSTDCCC050

Manual Integrations

APPROVED

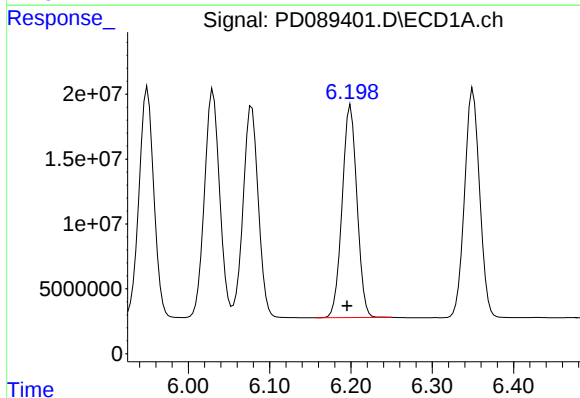
Reviewed By :Abdul Mirza 07/10/2025

Supervised By :mohammad ahmed 07/11/2025



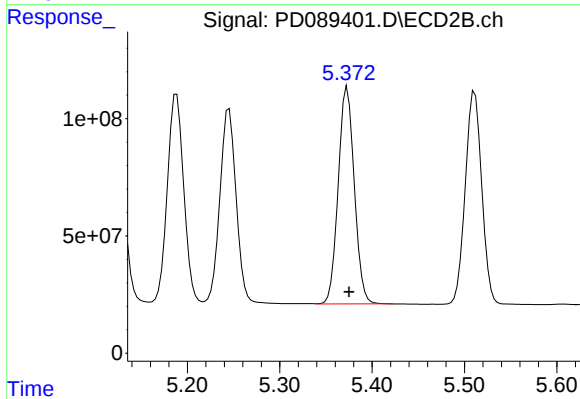
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 1114353323
Conc: 48.67 ng/ml



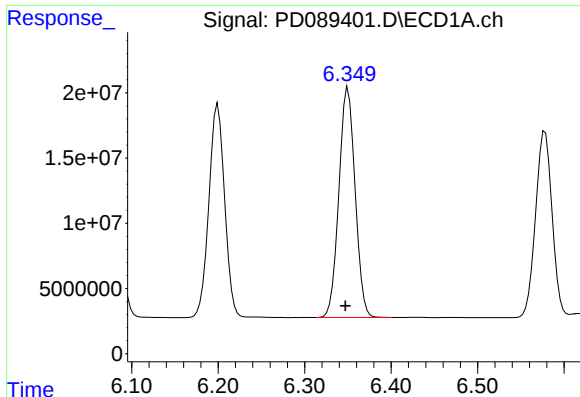
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 206963691
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 1118693799
Conc: 48.82 ng/ml



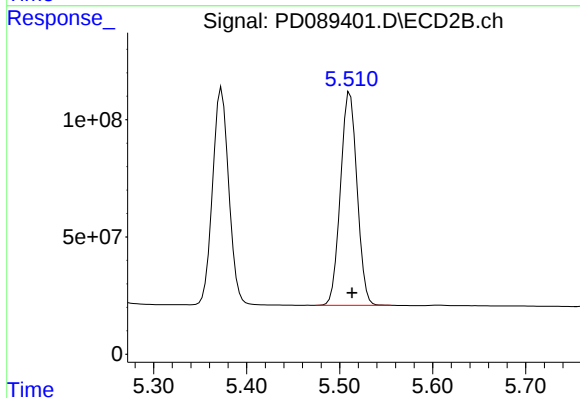
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.003 min
Response: 228089977
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

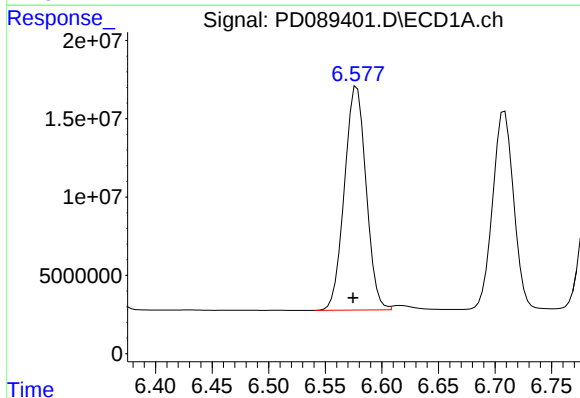
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



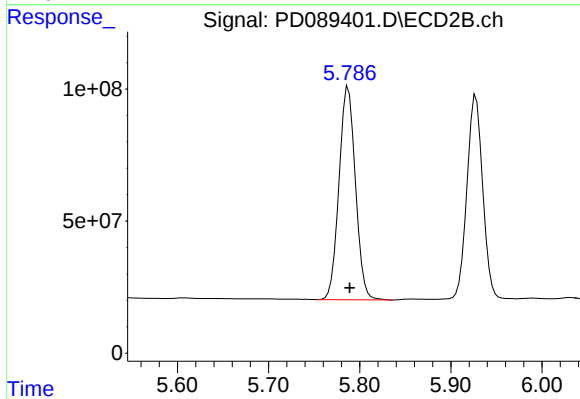
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1125220600
Conc: 48.48 ng/ml



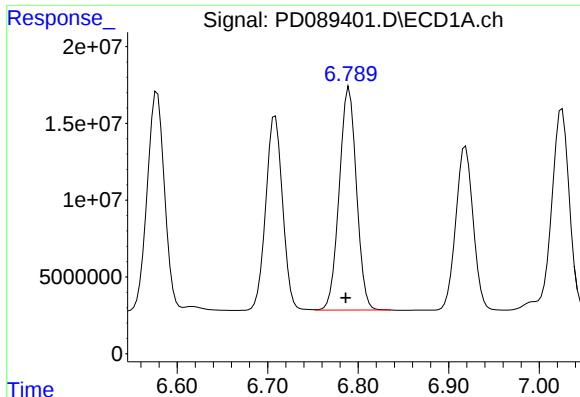
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.004 min
Response: 190241967
Conc: 46.11 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1011364830
Conc: 46.58 ng/ml



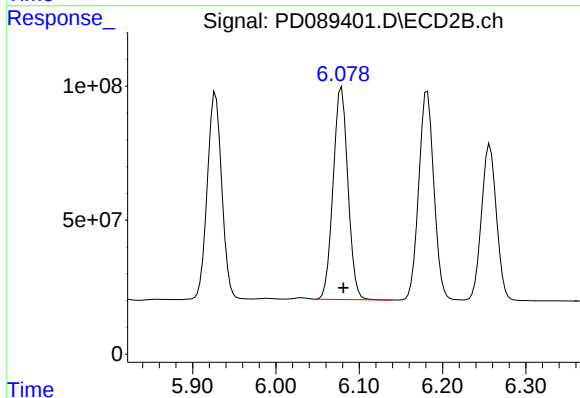
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.004 min
Response: 191773796
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

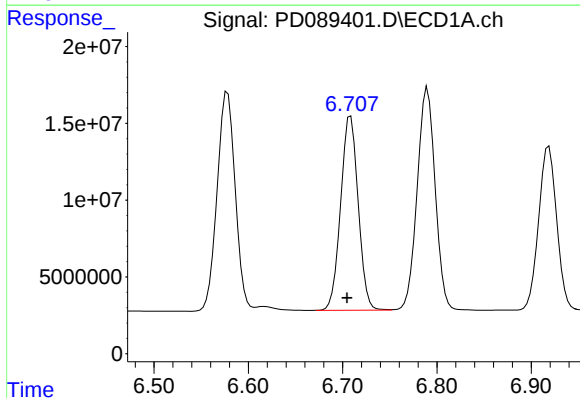
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



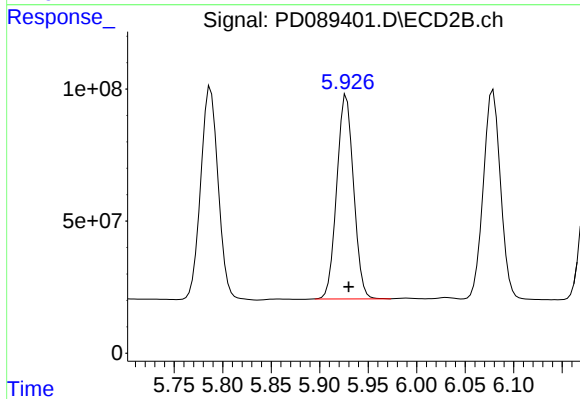
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 978134157
Conc: 48.43 ng/ml



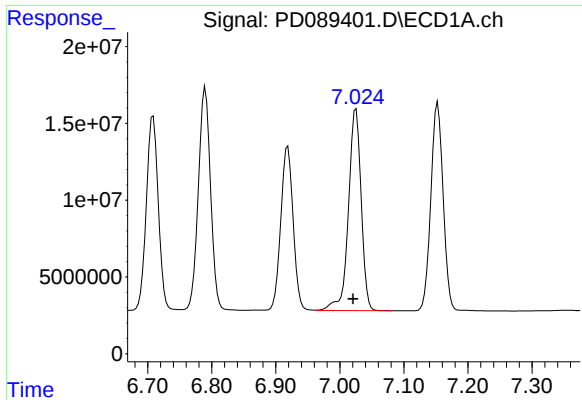
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 163516006
Conc: 47.64 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 930345959
Conc: 48.63 ng/ml



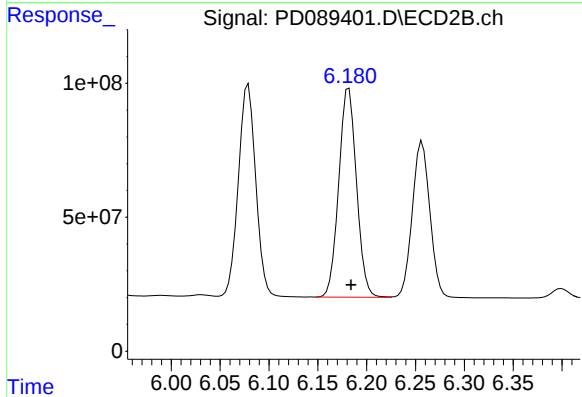
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.005 min
Response: 181231076
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

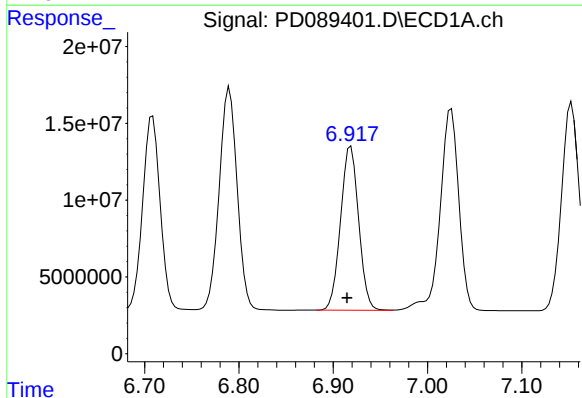
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



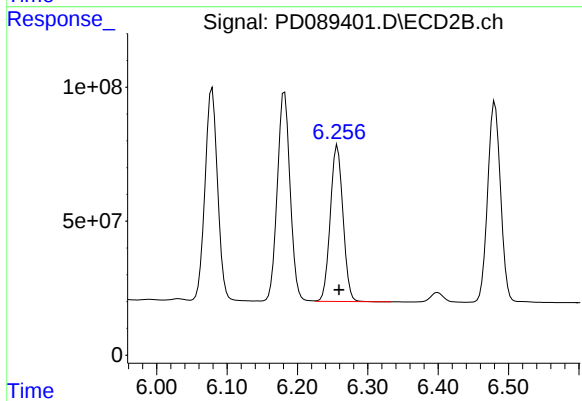
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 987442922
Conc: 48.69 ng/ml



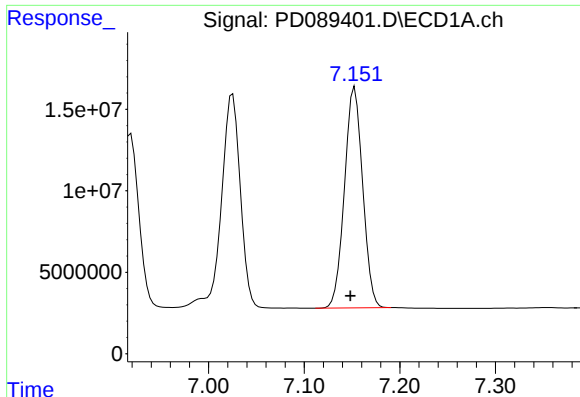
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.004 min
Response: 142316782
Conc: 46.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 731470133
Conc: 47.77 ng/ml



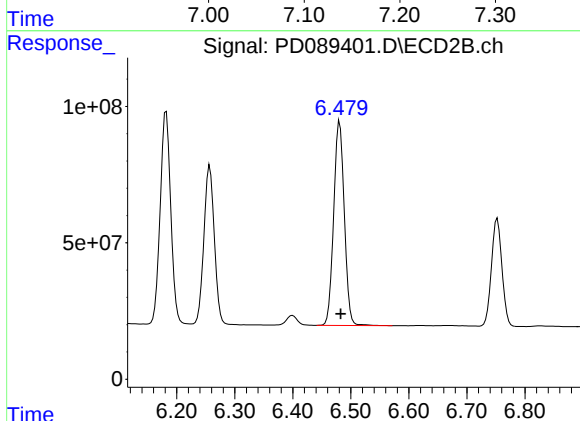
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.005 min
Response: 179861033
Conc: 46.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

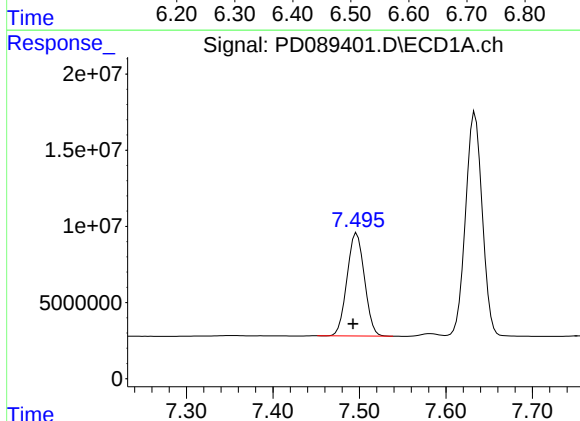
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



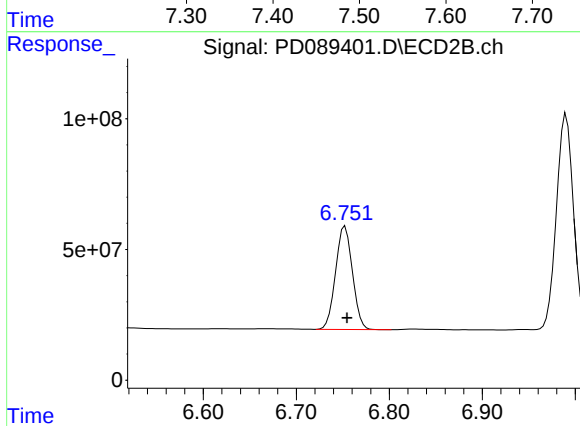
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 954046504
Conc: 48.62 ng/ml



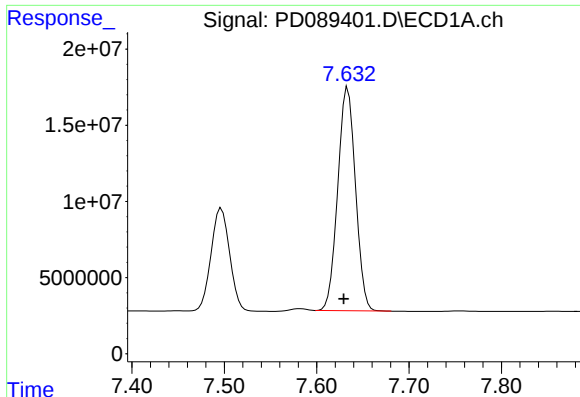
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.004 min
Response: 94314448
Conc: 46.68 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 497885302
Conc: 46.24 ng/ml



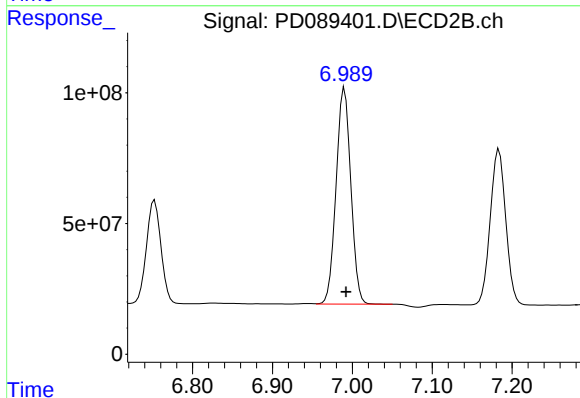
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.004 min
Response: 195732797
Conc: 48.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

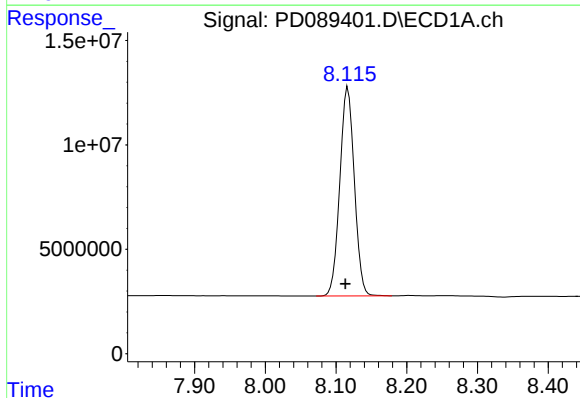
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



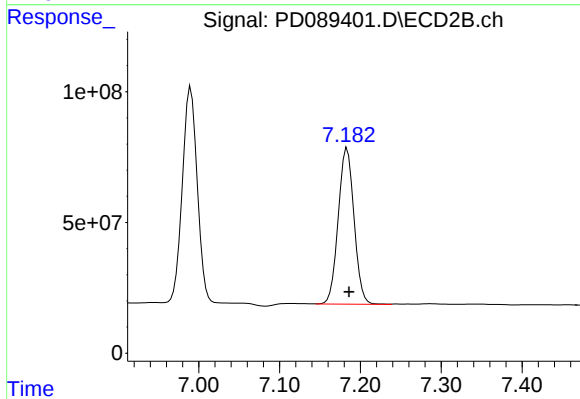
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 1060391460
Conc: 49.09 ng/ml



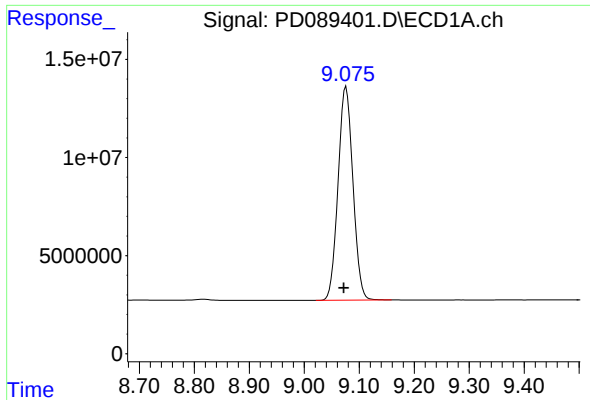
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 142776320
Conc: 46.96 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 811512014
Conc: 48.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.004 min
Response: 204697016
Conc: 52.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

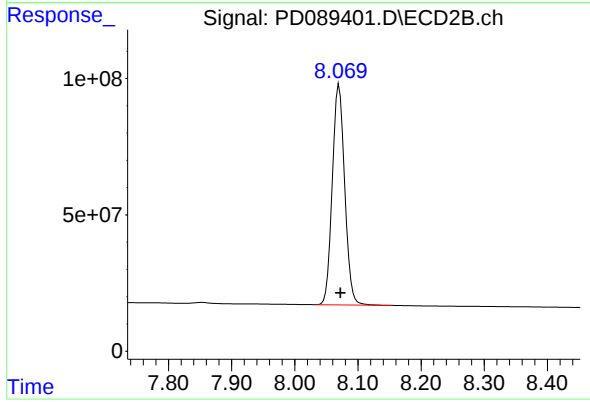
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/10/2025

Supervised By :mohammad ahmed 07/11/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 1105703136
Conc: 55.93 ng/ml