

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
 Data File : PD089785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 19:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 03:09:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.878	128.0E6	932.5E6	51.902	58.880
28)	SA Decachlor...	9.064	8.064	179.4E6	1060.5E6	48.264	52.821
Target Compounds							
2)	A alpha-BHC	3.996	3.389	264.2E6	1440.7E6	53.342	59.277
3)	MA gamma-BHC...	4.327	3.725	250.5E6	1333.8E6	52.718	59.216
4)	MA Heptachlor	4.925	4.078	242.0E6	1332.9E6	50.299	57.429
5)	MB Aldrin	5.266	4.364	235.9E6	1313.8E6	51.674	59.047
6)	B beta-BHC	4.513	4.021	95712241	563.5E6	51.886	58.404
7)	B delta-BHC	4.761	4.258	242.6E6	1350.5E6	52.903	59.452
8)	B Heptachlo...	5.686	4.867	212.4E6	1189.3E6	50.809	57.873
9)	A Endosulfan I	6.070	5.241	196.3E6	1074.9E6	49.528	54.986
10)	B gamma-Chl...	5.941	5.120	209.9E6	1270.4E6	50.218	58.669
11)	B alpha-Chl...	6.022	5.184	209.3E6	1216.8E6	49.773	58.440
12)	B 4,4'-DDE	6.191	5.369	185.1E6	1237.9E6	49.628	58.563
13)	MA Dieldrin	6.341	5.507	208.4E6	1254.8E6	49.342	57.990
14)	MA Endrin	6.569	5.783	168.0E6	1102.3E6	46.963	55.320
15)	B Endosulfa...	6.781	6.074	179.0E6	1072.0E6	48.794	57.020
16)	A 4,4'-DDD	6.700	5.923	154.4E6	1018.3E6	51.546	57.753
17)	MA 4,4'-DDT	7.015	6.177	156.3E6	1048.4E6	46.521	57.062
18)	B Endrin al...	6.909	6.251	128.6E6	774.2E6	51.544	59.923m
19)	B Endosulfa...	7.144	6.476	163.7E6	1026.5E6	47.171	55.290
20)	A Methoxychlor	7.487	6.747	79288996	535.0E6	44.346	54.612
21)	B Endrin ke...	7.624	6.984	178.4E6	1121.9E6	48.044	55.903
22)	Mirex	8.107	7.178	129.2E6	854.1E6	46.333	56.115

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
Data File : PD089785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 19:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

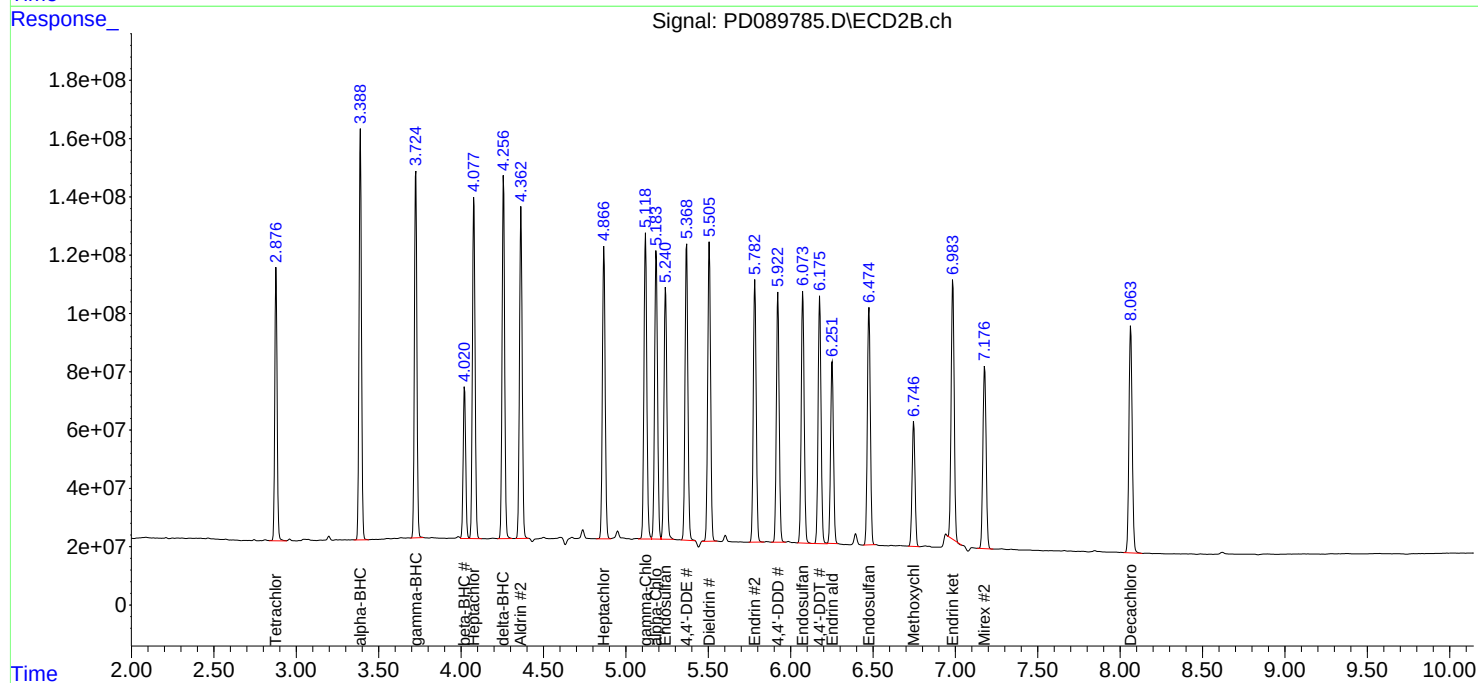
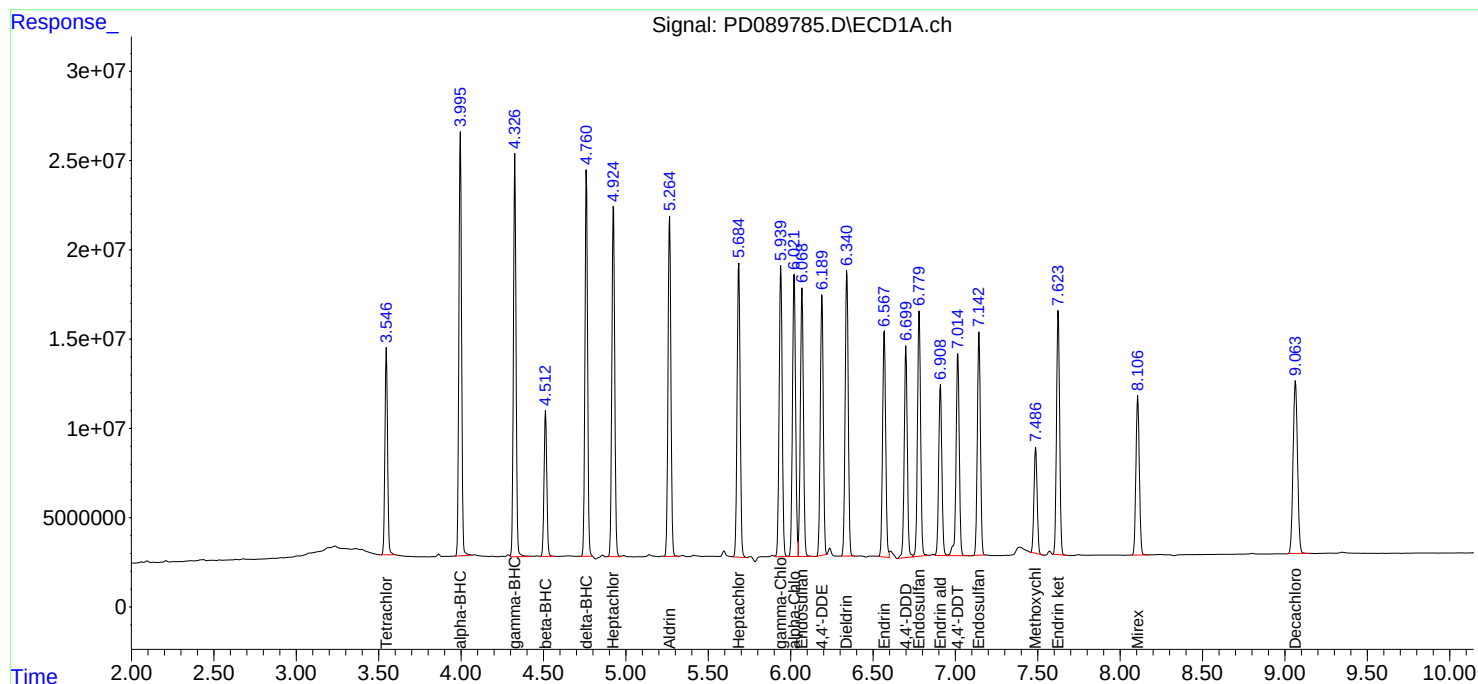
APPROVED

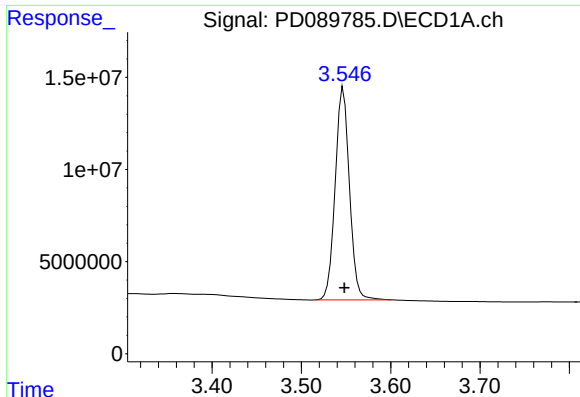
Reviewed By :Abdul Mirza 08/07/2025

Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 03:09:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





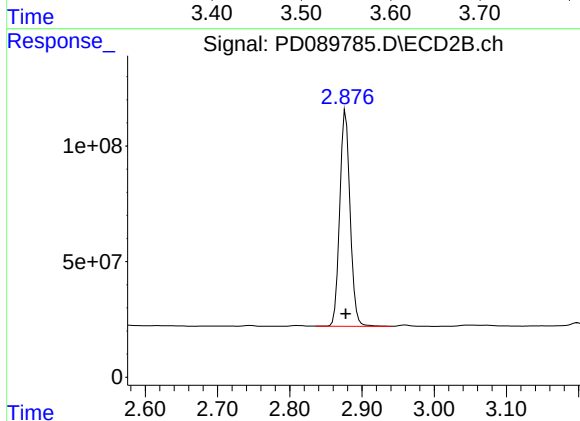
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 128021062
Conc: 51.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

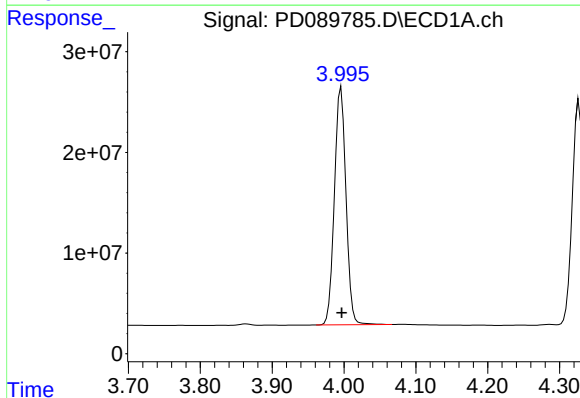
Manual Integrations
APPROVED

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



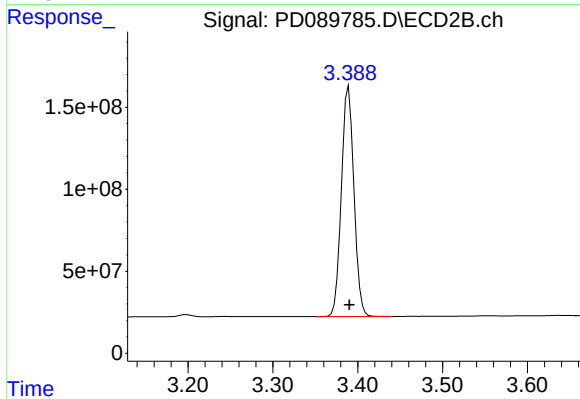
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 932539634
Conc: 58.88 ng/ml



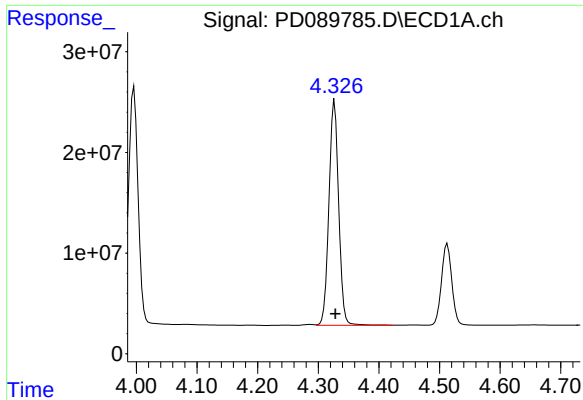
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 264230051
Conc: 53.34 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1440715940
Conc: 59.28 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 250535139
Conc: 52.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

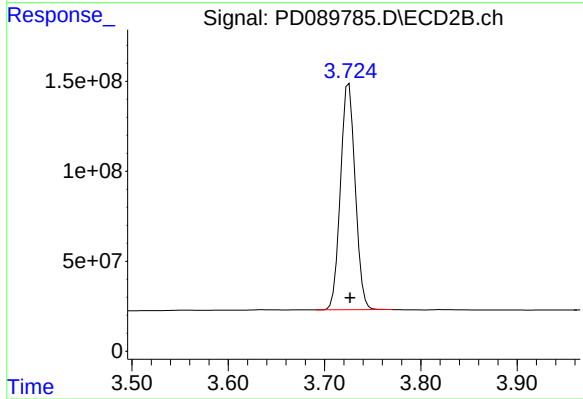
PSTDCCC050

Manual Integrations

APPROVED

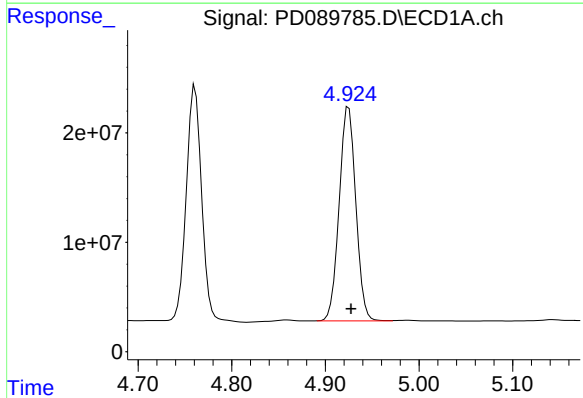
Reviewed By :Abdul Mirza 08/07/2025

Supervised By :mohammad ahmed 08/08/2025



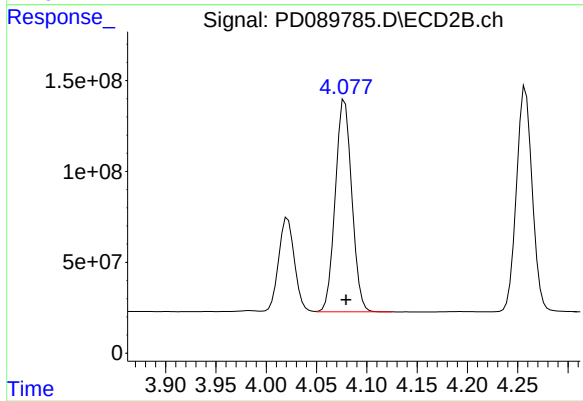
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1333793695
Conc: 59.22 ng/ml



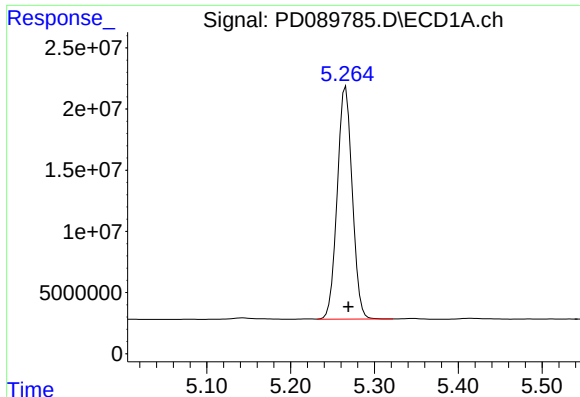
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 242015054
Conc: 50.30 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 1332874388
Conc: 57.43 ng/ml



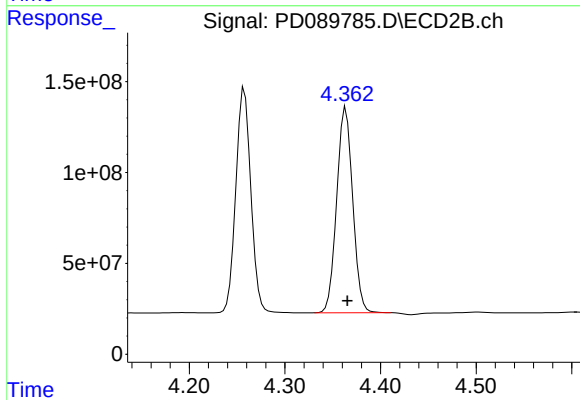
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 235886217
Conc: 51.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

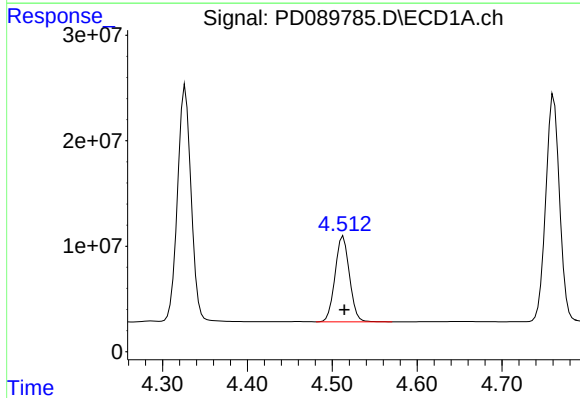
Manual Integrations
APPROVED

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



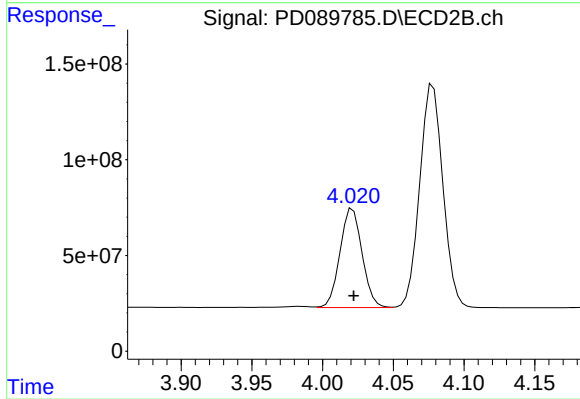
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1313844596
Conc: 59.05 ng/ml



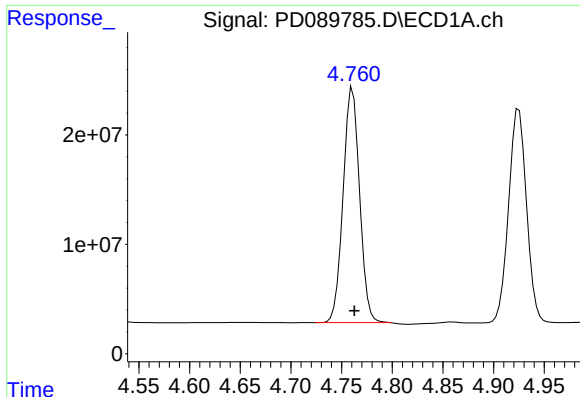
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 95712241
Conc: 51.89 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 563536595
Conc: 58.40 ng/ml



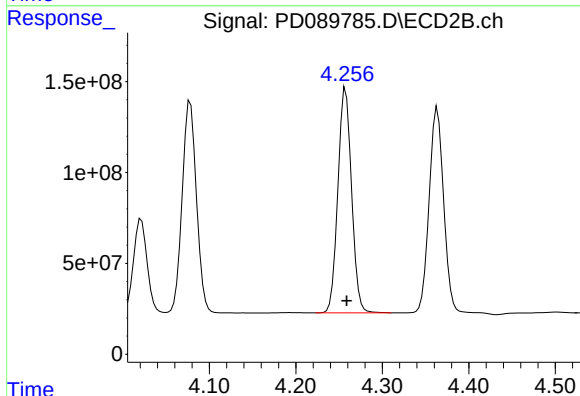
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 242624401
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

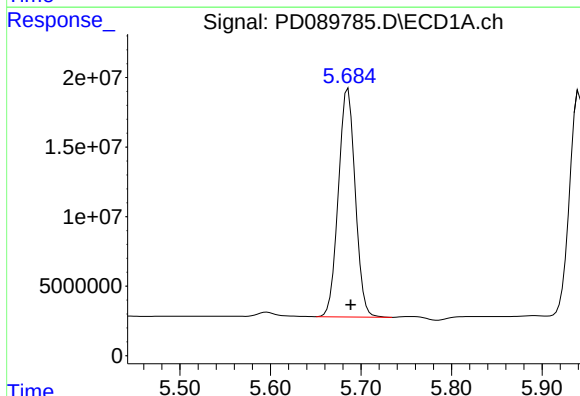
Manual Integrations
APPROVED

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



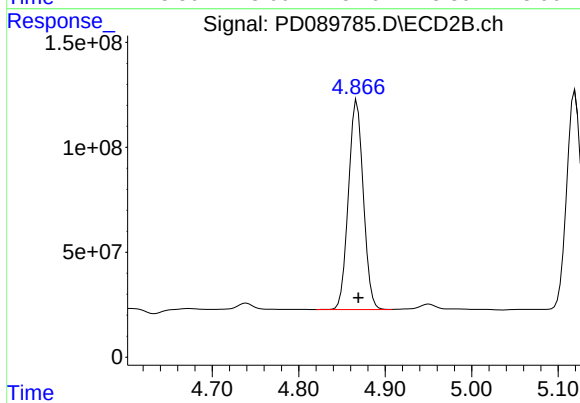
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 1350455019
Conc: 59.45 ng/ml



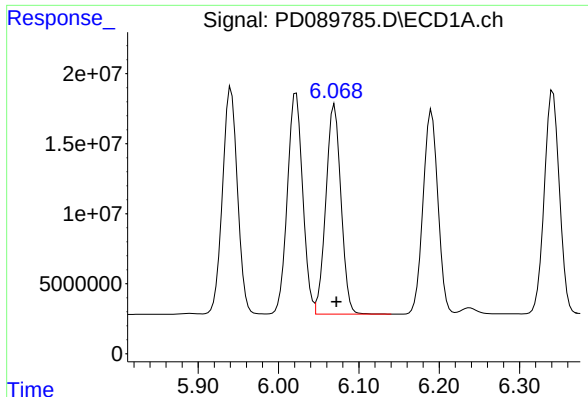
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 212419766
Conc: 50.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1189283268
Conc: 57.87 ng/ml



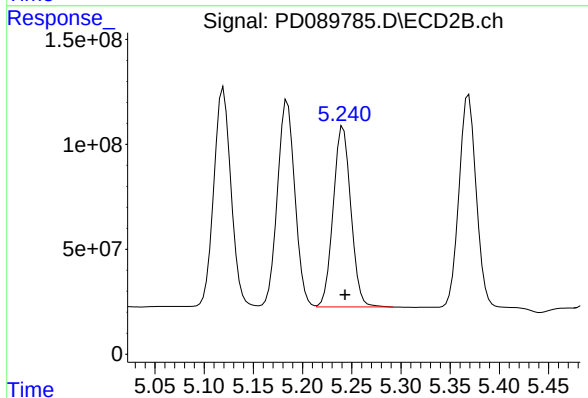
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 196308931
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

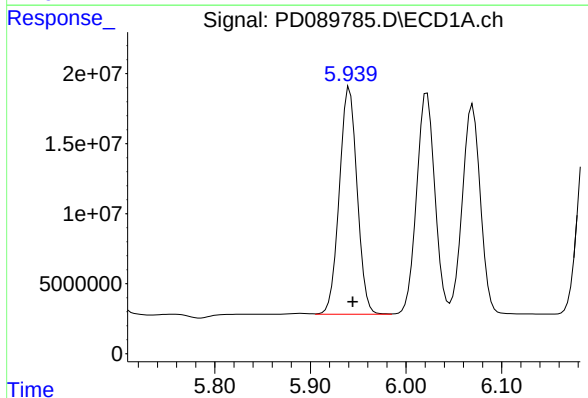
Manual Integrations
APPROVED

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



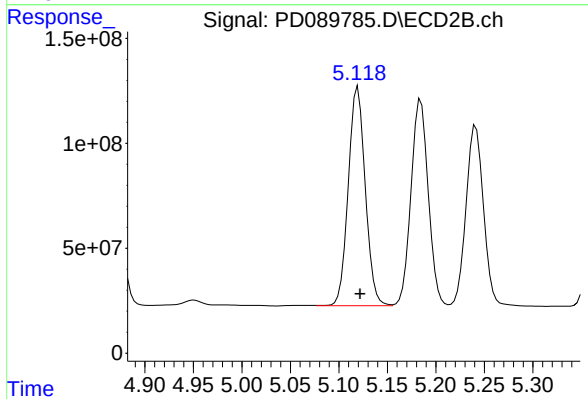
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 1074891104
Conc: 54.99 ng/ml



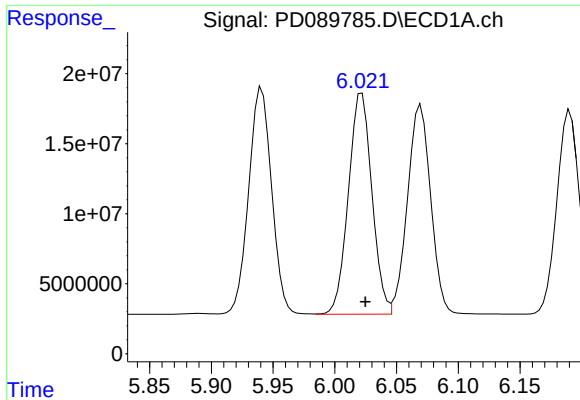
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 209866625
Conc: 50.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1270370208
Conc: 58.67 ng/ml



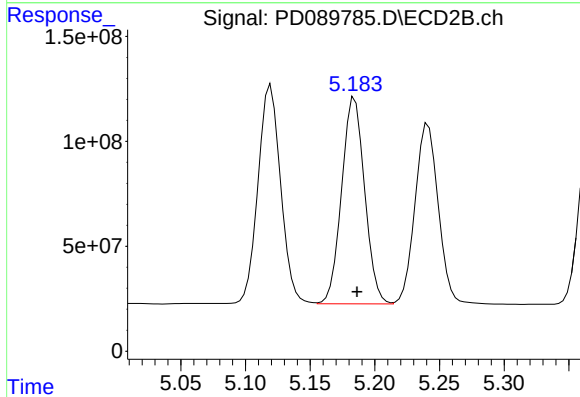
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 209255624
Conc: 49.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

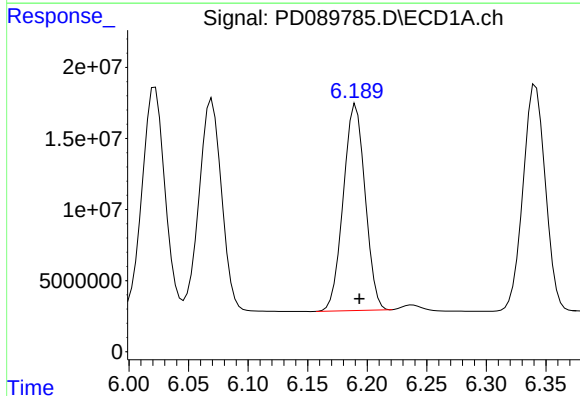
Manual Integrations
APPROVED

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



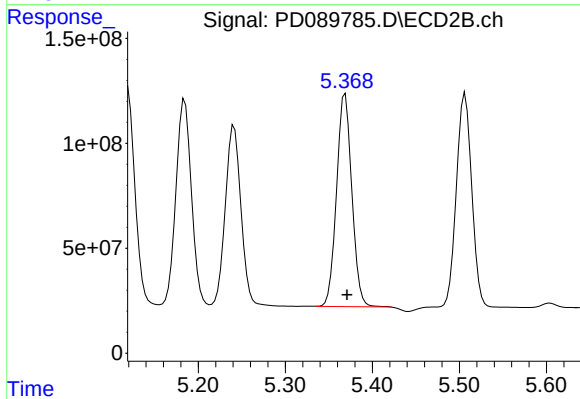
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 1216827467
Conc: 58.44 ng/ml



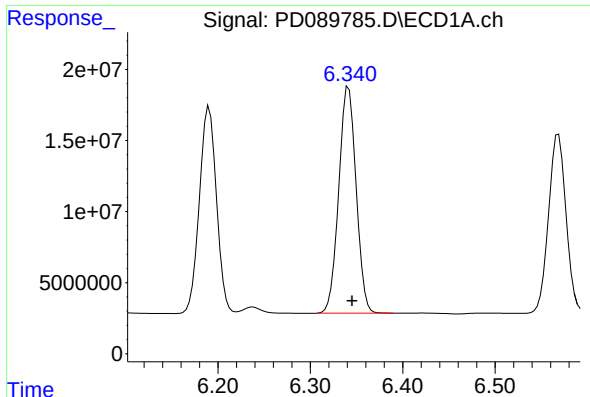
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 185101652
Conc: 49.63 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.002 min
Response: 1237862226
Conc: 58.56 ng/ml



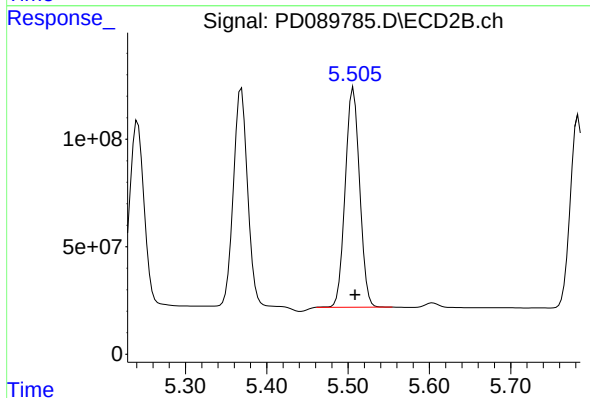
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 208394395
Conc: 49.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

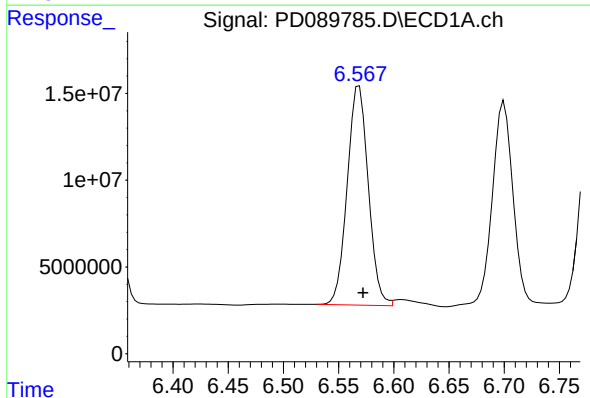
Manual Integrations
APPROVED

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



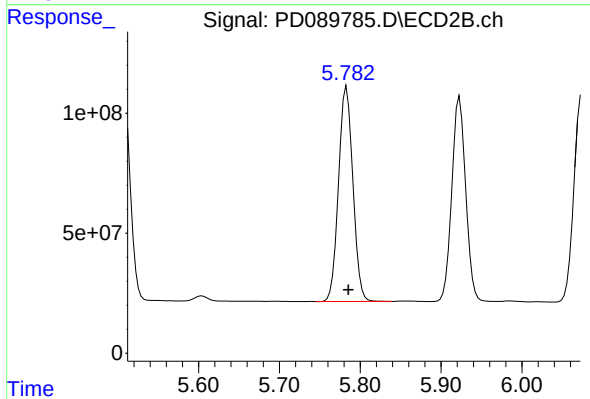
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 1254835667
Conc: 57.99 ng/ml



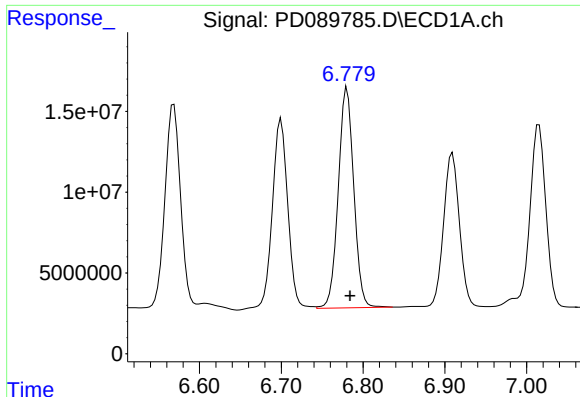
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 168021799
Conc: 46.96 ng/ml



#14 Endrin

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 1102256212
Conc: 55.32 ng/ml



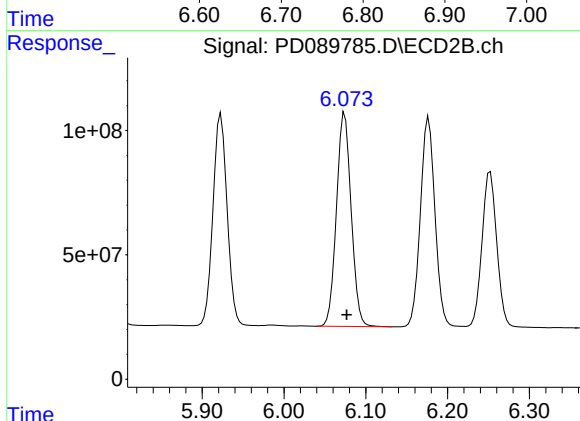
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 179044553
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

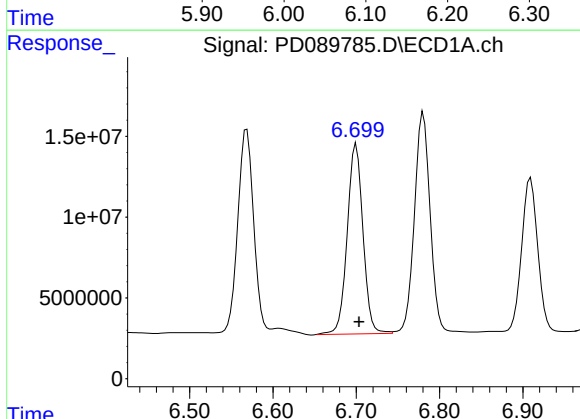
Manual Integrations
APPROVED

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



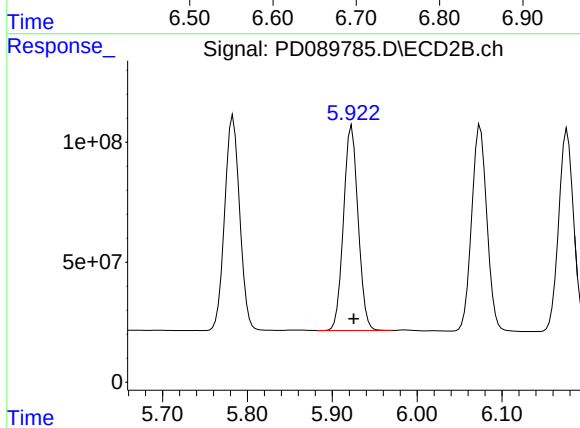
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 1071956597
Conc: 57.02 ng/ml



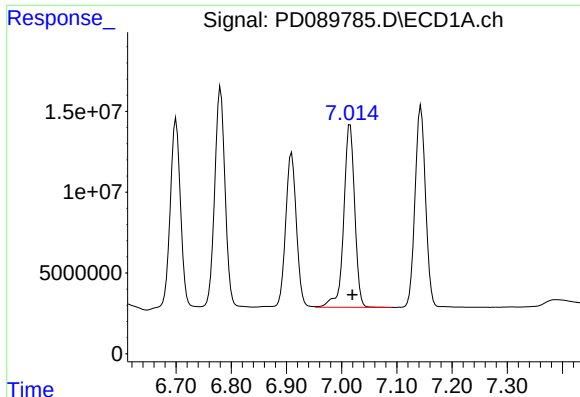
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.004 min
Response: 154369864
Conc: 51.55 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 1018333859
Conc: 57.75 ng/ml



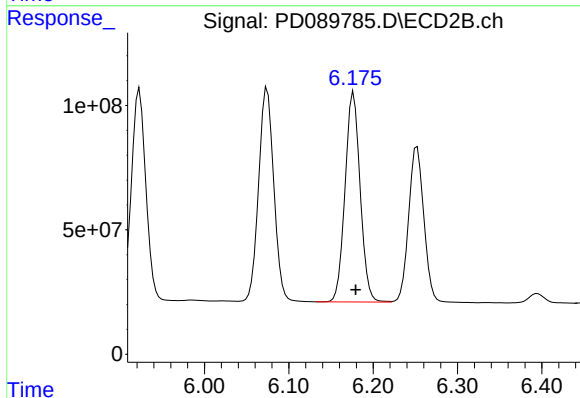
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 156323092
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

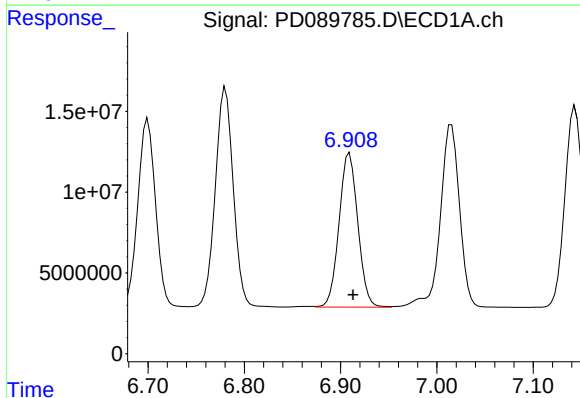
Manual Integrations
APPROVED

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



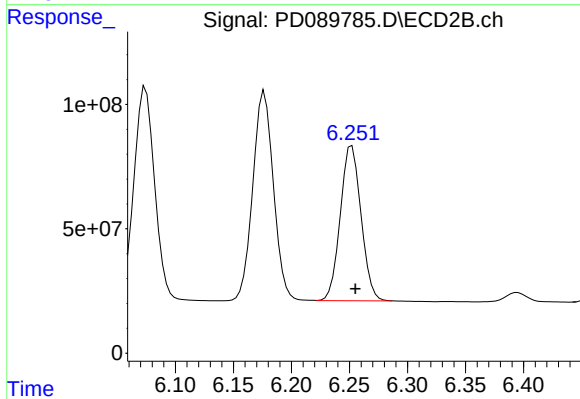
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 1048387453
Conc: 57.06 ng/ml



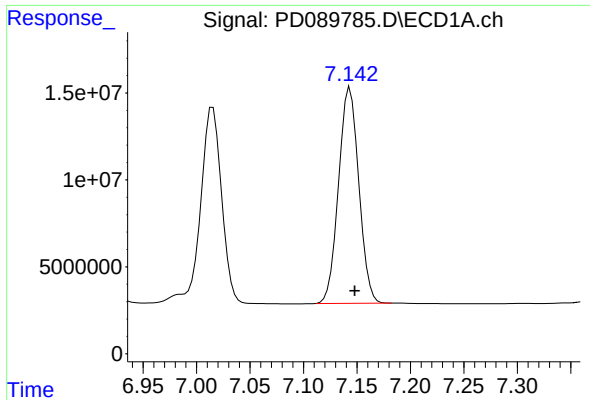
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.004 min
Response: 128631261
Conc: 51.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.004 min
Response: 774230296
Conc: 59.92 ng/ml m



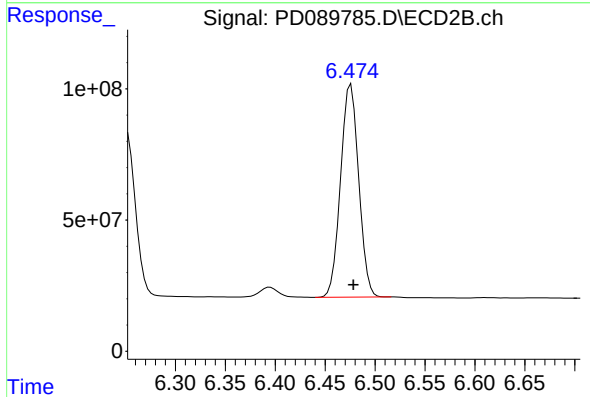
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 163687371
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

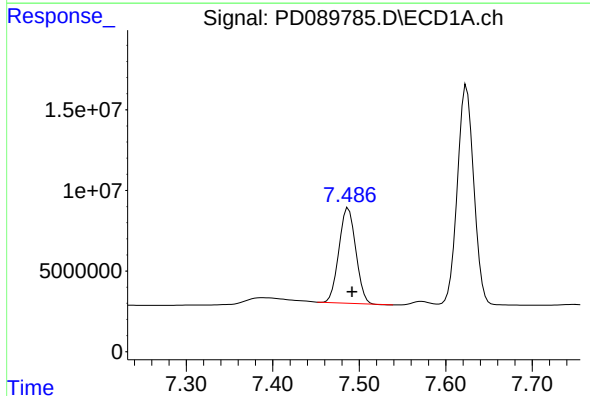
Manual Integrations
APPROVED

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



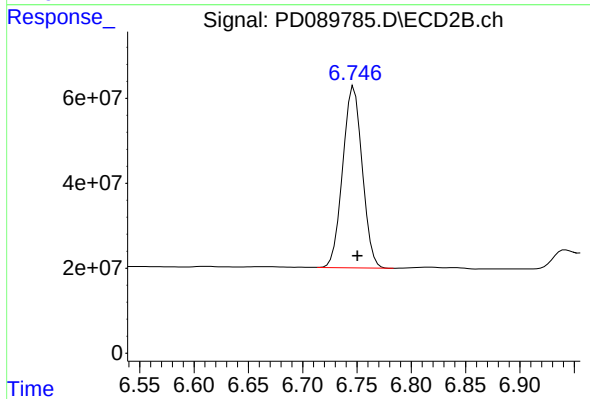
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 1026487021
Conc: 55.29 ng/ml



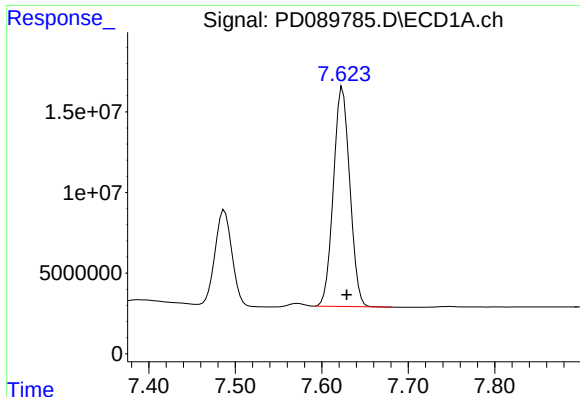
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.004 min
Response: 79288996
Conc: 44.35 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 534955223
Conc: 54.61 ng/ml



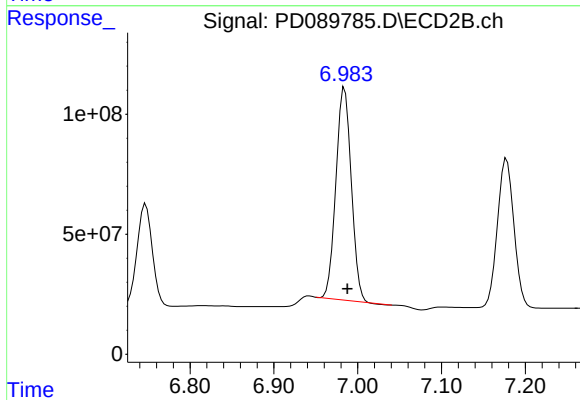
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.005 min
Response: 178443303
Conc: 48.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

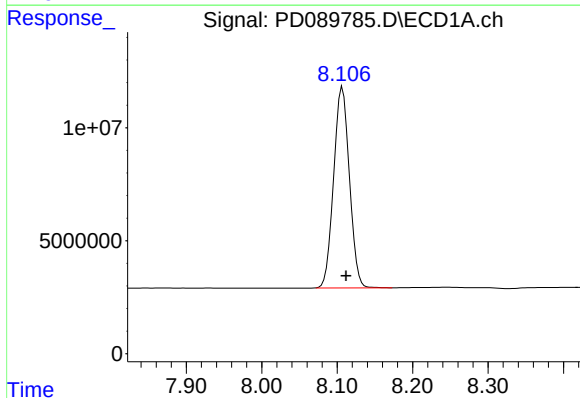
Manual Integrations
APPROVED

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



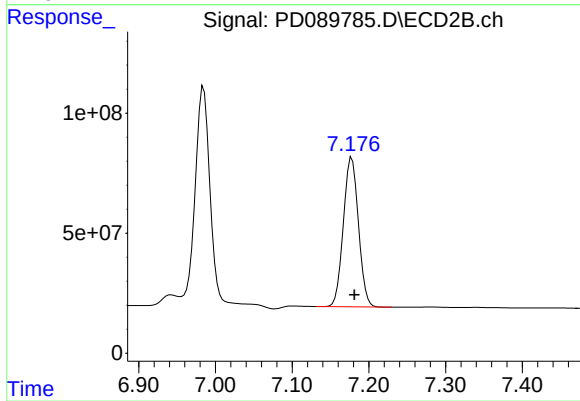
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 1121871160
Conc: 55.90 ng/ml



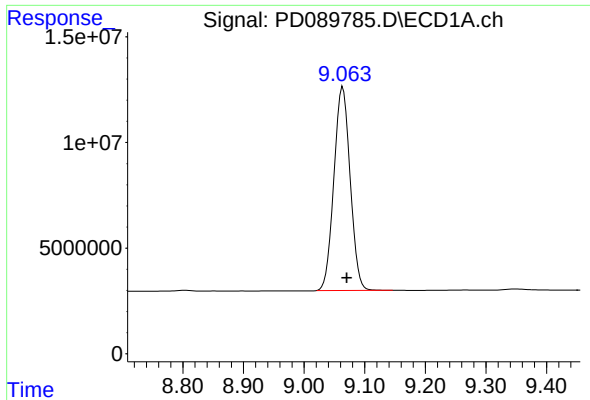
#22 Mirex

R.T.: 8.107 min
Delta R.T.: -0.005 min
Response: 129190080
Conc: 46.33 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 854137573
Conc: 56.12 ng/ml



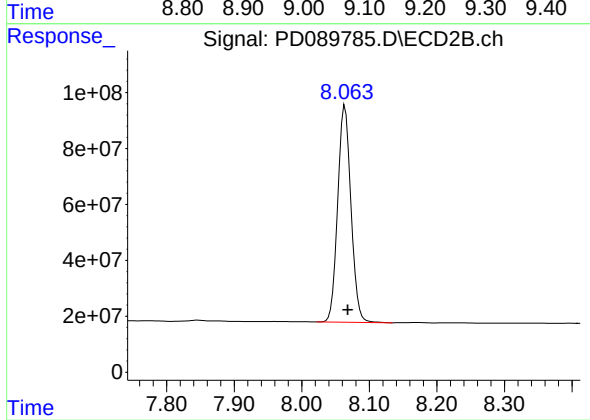
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: -0.007 min
Response: 179360721
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 1060546955
Conc: 52.82 ng/ml