

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
 Data File : PD089214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2025 00:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2025
 Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:45:10 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...	3.550	2.881	165.0E6	997.5E6	57.826	58.838
28)	SA Decachlor...	9.070	8.071	201.9E6	1058.8E6	51.415	53.554
Target Compounds							
2)	A alpha-BHC	3.999	3.393	339.8E6	1522.6E6	58.299	56.821
3)	MA gamma-BHC...	4.330	3.729	319.3E6	1396.6E6	57.213	56.412
4)	MA Heptachlor	4.929	4.082	292.5E6	1320.2E6	53.645	52.728
5)	MB Aldrin	5.270	4.368	305.7E6	1363.8E6	57.529	56.317
6)	B beta-BHC	4.515	4.025	121.3E6	586.4E6	54.940	54.567
7)	B delta-BHC	4.764	4.261	306.7E6	1385.9E6	59.757	55.716
8)	B Heptachlo...	5.690	4.872	266.8E6	1234.0E6	55.309	56.351
9)	A Endosulfan I	6.073	5.246	251.6E6	1148.4E6	55.830	55.097
10)	B gamma-Chl...	5.945	5.125	280.1E6	1349.3E6	58.498	56.403
11)	B alpha-Chl...	6.026	5.190	275.4E6	1266.8E6	56.916	55.326
12)	B 4,4'-DDE	6.195	5.374	240.2E6	1260.7E6	55.077	55.015
13)	MA Dieldrin	6.346	5.512	268.2E6	1278.1E6	55.901	55.068
14)	MA Endrin	6.573	5.788	213.4E6	1150.1E6	51.734	52.966
15)	B Endosulfa...	6.785	6.078	222.3E6	1106.3E6	55.063	54.777m
16)	A 4,4'-DDD	6.704	5.929	198.8E6	1048.7E6	57.920	54.821
17)	MA 4,4'-DDT	7.019	6.182	171.9E6	927.4E6	45.372	45.731
18)	B Endrin al...	6.913	6.258	162.8E6	802.0E6	53.120	52.381
19)	B Endosulfa...	7.148	6.481	205.0E6	1043.7E6	53.435	53.191
20)	A Methoxychlor	7.491	6.753	97341824	541.4E6	48.174	50.278
21)	B Endrin ke...	7.628	6.990	222.6E6	1170.4E6	54.645	54.182
22)	Mirex	8.112	7.183	159.3E6	873.2E6	52.382	52.357

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
Data File : PD089214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2025 00:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

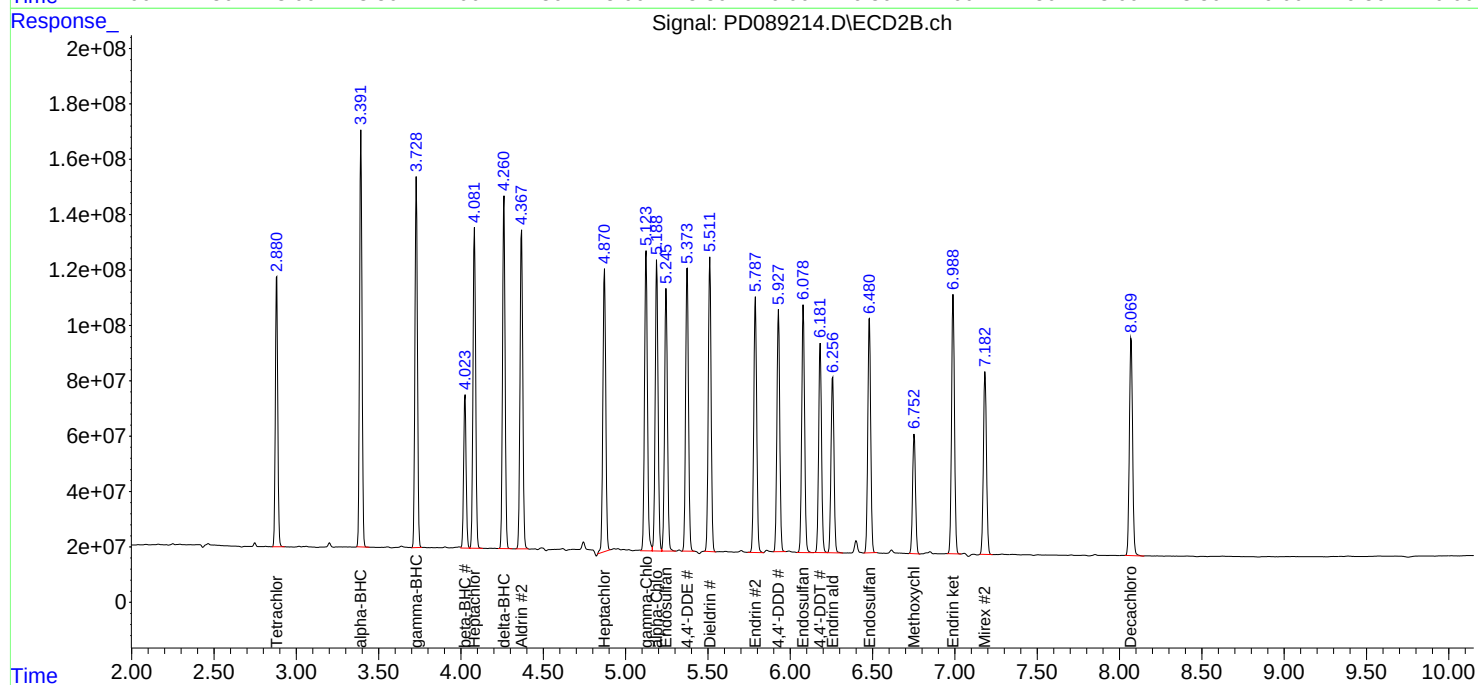
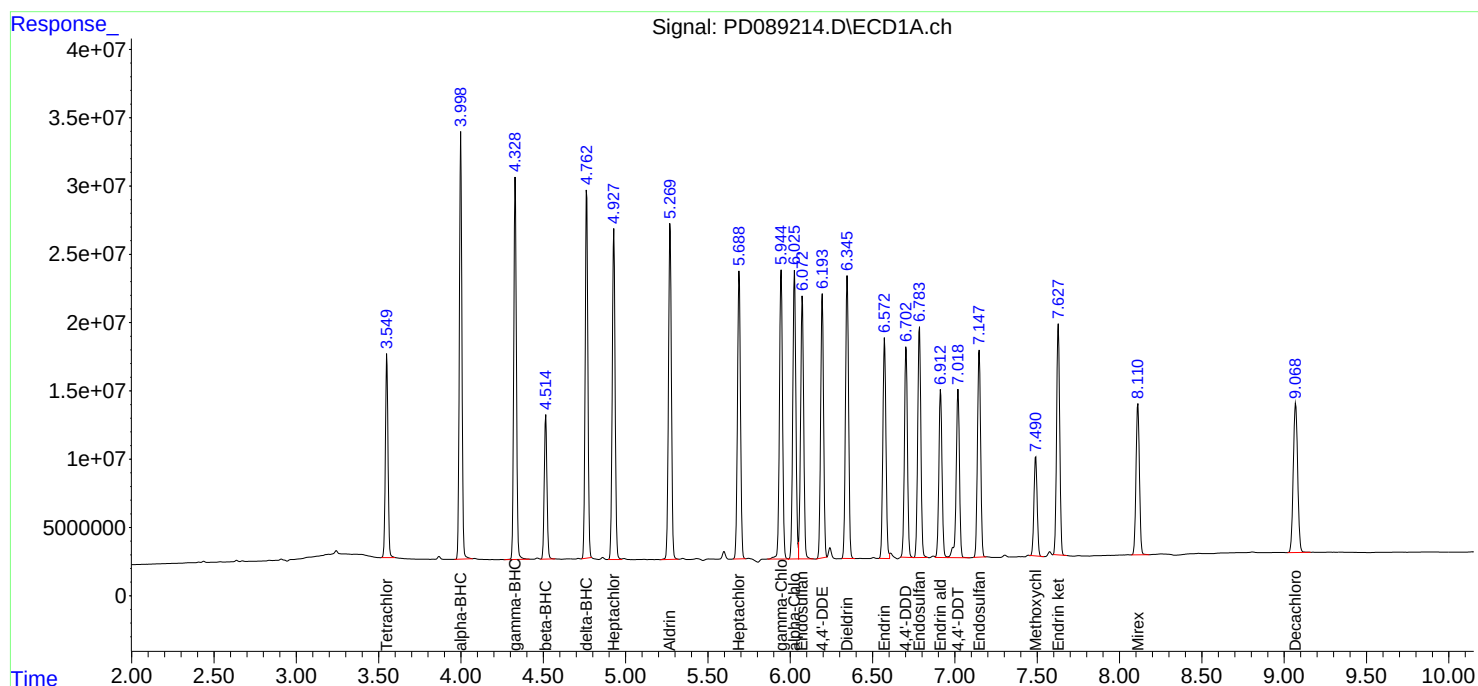
APPROVED

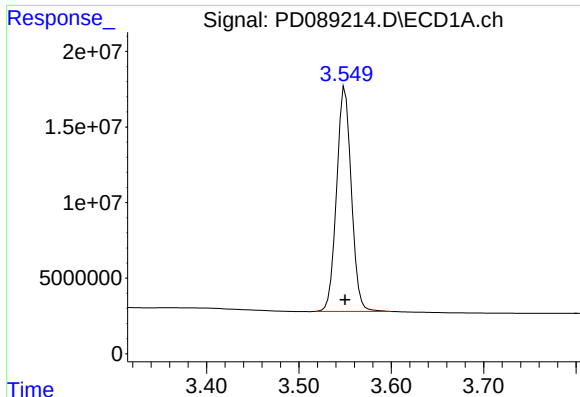
Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 00:45:10 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.: 3.550 min
Delta R.T.: 0.000 min
Response: 164985268
Conc: 57.83 ng/ml

Instrument :

ECD_D

ClientSampleId :

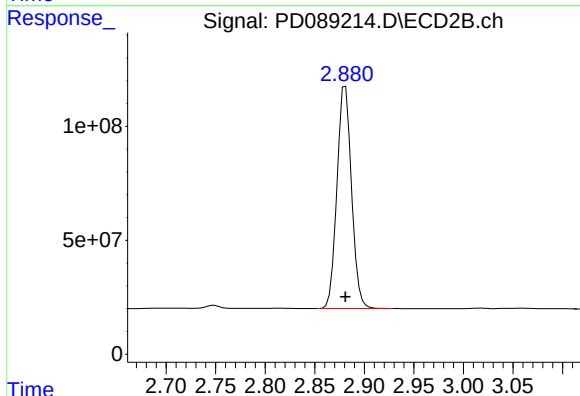
PSTDCCC050

Manual Integrations

APPROVED

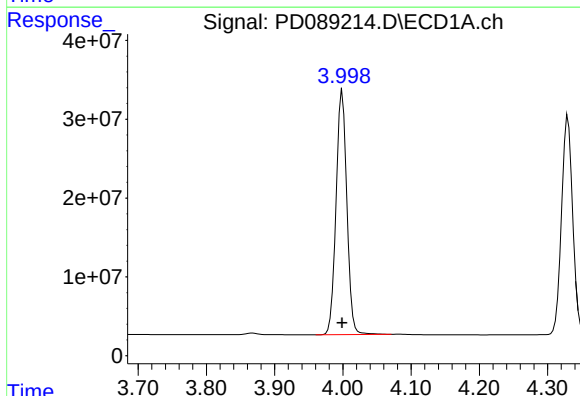
Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025



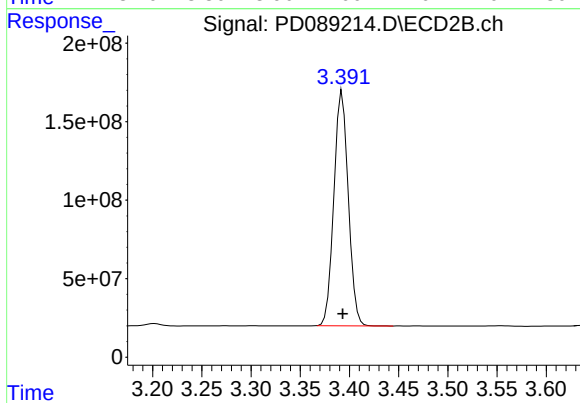
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 997494393
Conc: 58.84 ng/ml



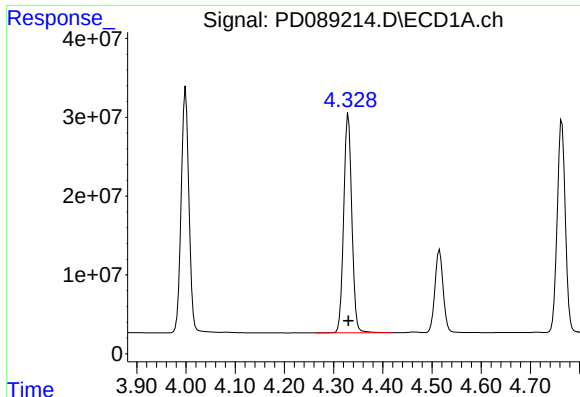
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 339829753
Conc: 58.30 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1522630308
Conc: 56.82 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 319342310
Conc: 57.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

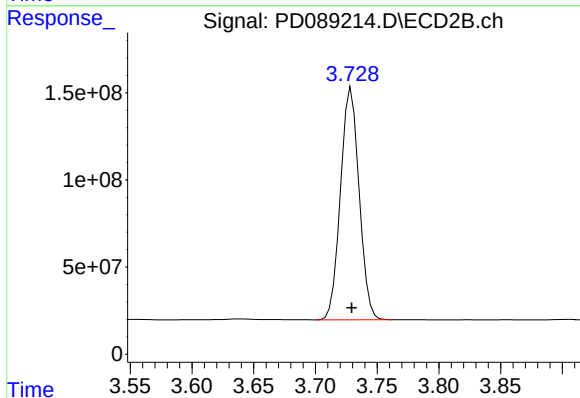
PSTDCCC050

Manual Integrations

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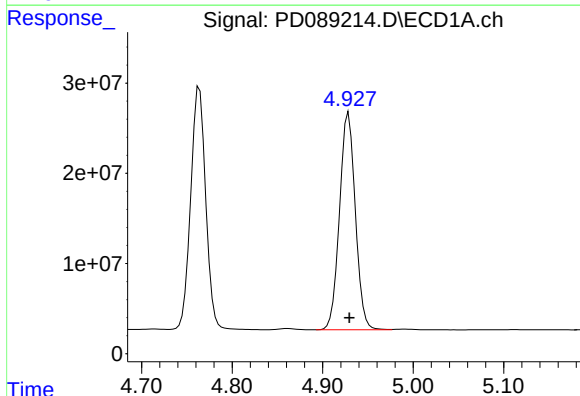
Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025



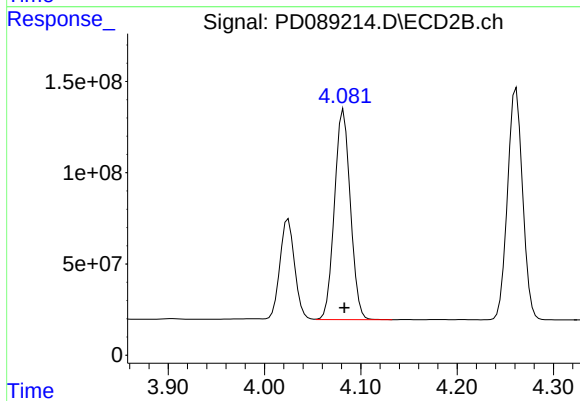
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1396598348
Conc: 56.41 ng/ml



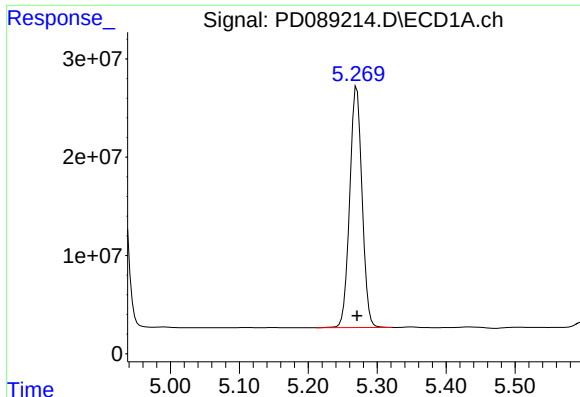
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 292470792
Conc: 53.65 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1320215425
Conc: 52.73 ng/ml



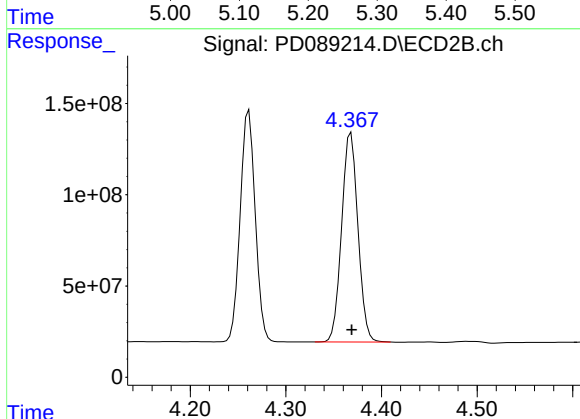
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 305650217
Conc: 57.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

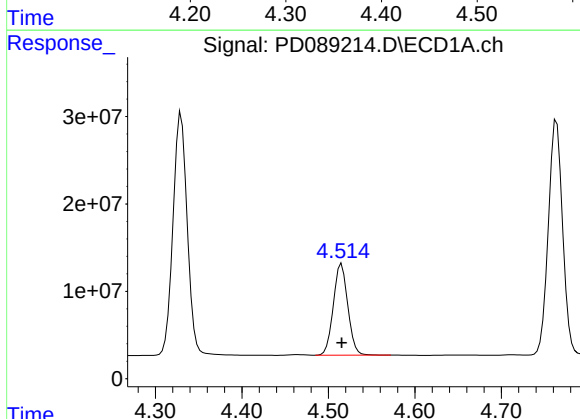
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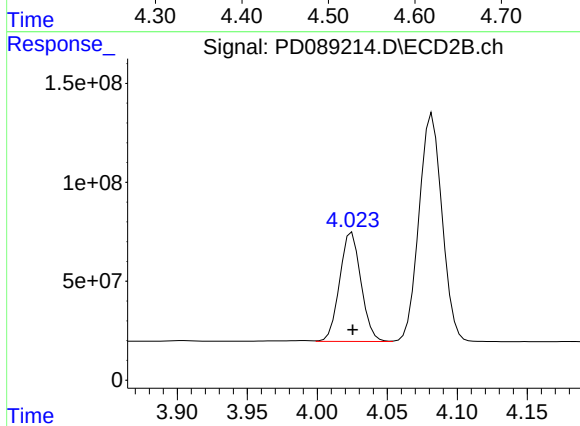
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1363836438
Conc: 56.32 ng/ml



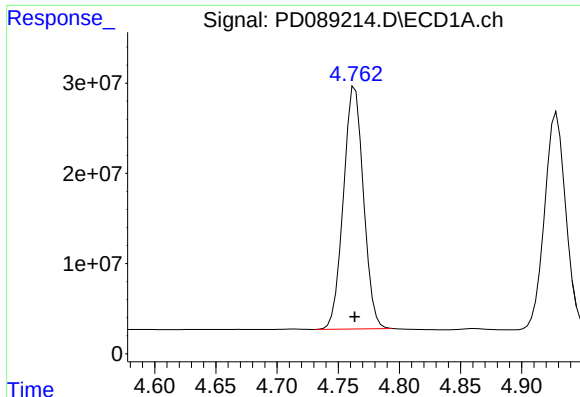
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 121260786
Conc: 54.94 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 586390459
Conc: 54.57 ng/ml



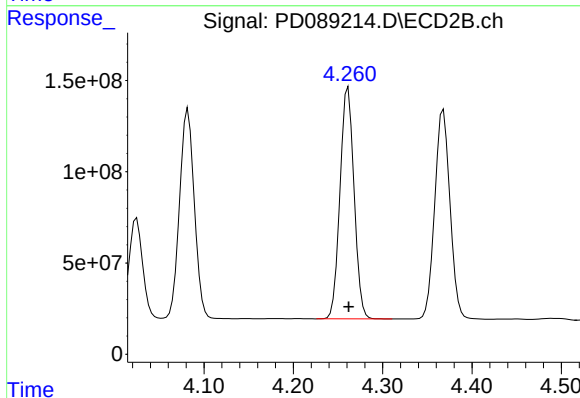
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 306725366
Conc: 59.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

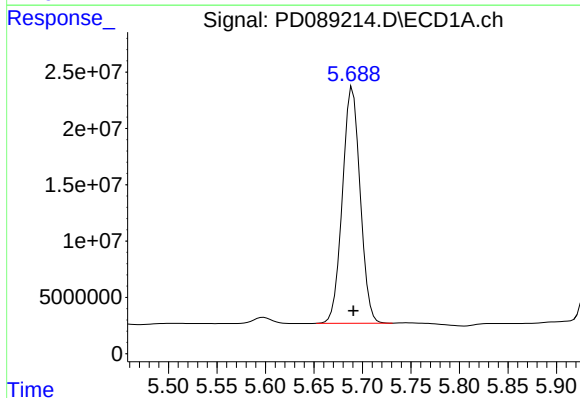
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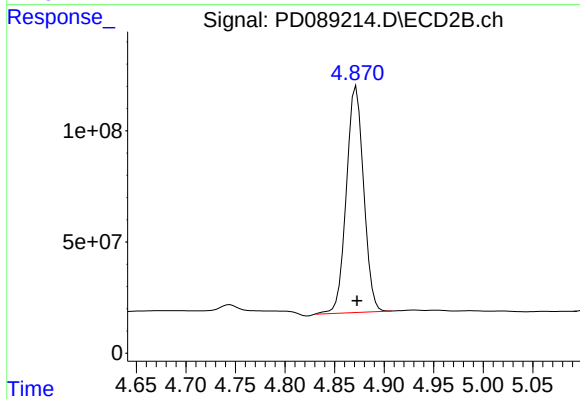
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1385865869
Conc: 55.72 ng/ml



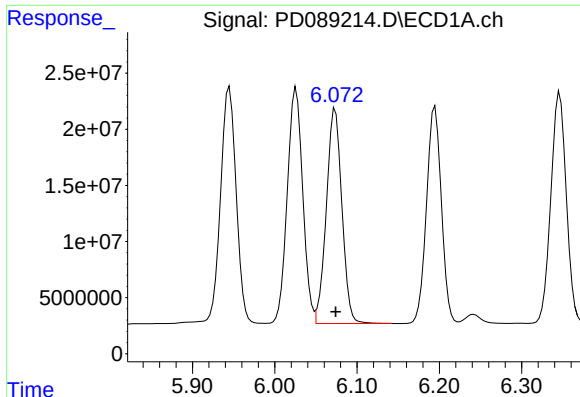
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 266807005
Conc: 55.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1233975182
Conc: 56.35 ng/ml



#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 251649029
Conc: 55.83 ng/ml

Instrument :

ECD_D

ClientSampleId :

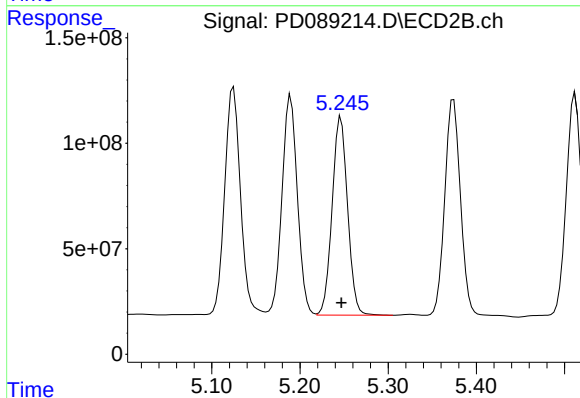
PSTDCCC050

Manual Integrations

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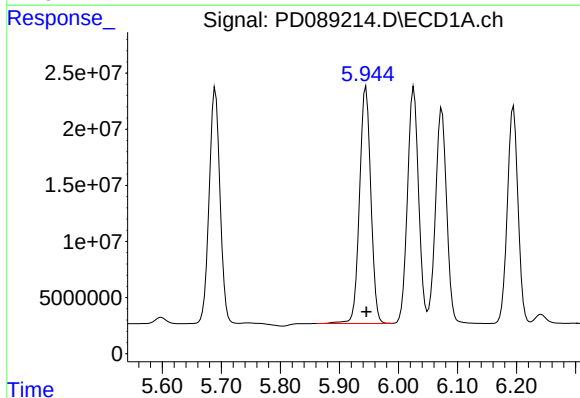
Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025



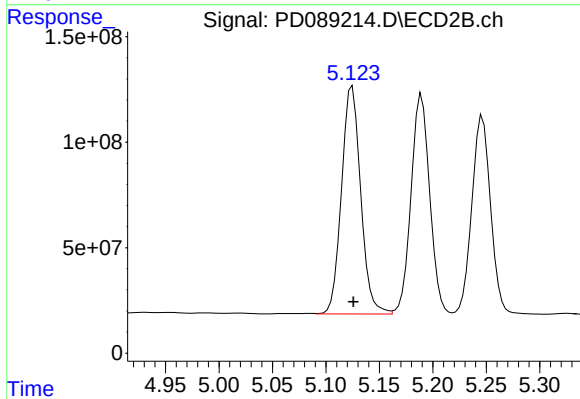
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 1148360700
Conc: 55.10 ng/ml



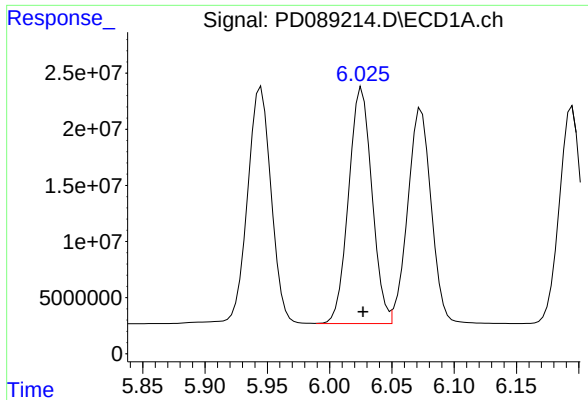
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 280092814
Conc: 58.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 1349320699
Conc: 56.40 ng/ml



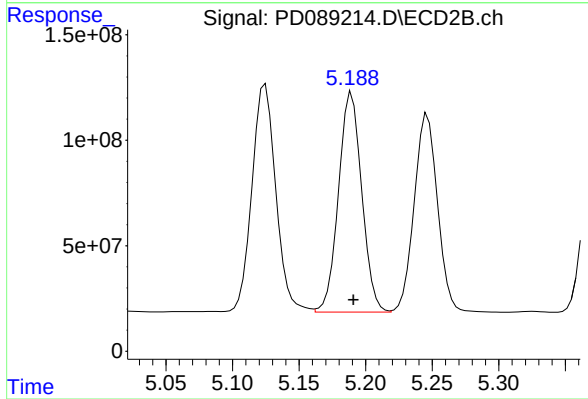
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 275388987
Conc: 56.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

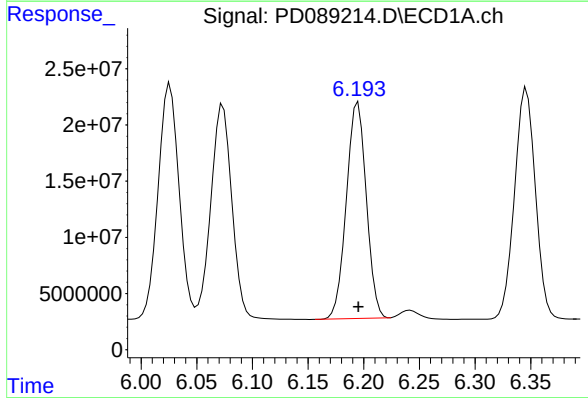
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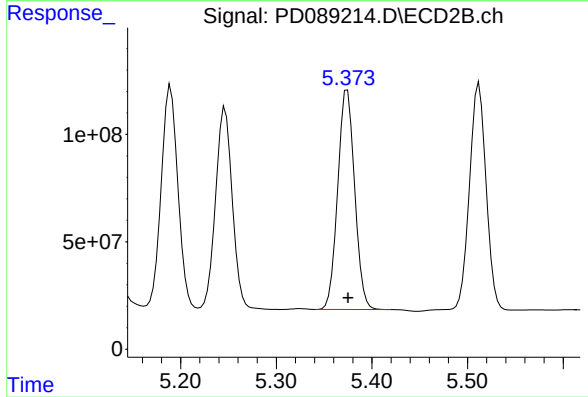
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 1266778804
Conc: 55.33 ng/ml



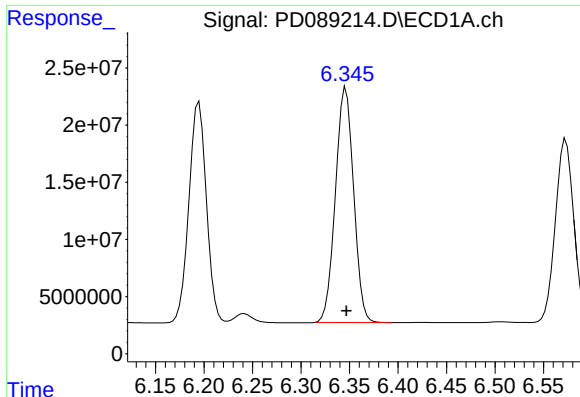
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 240194310
Conc: 55.08 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1260736186
Conc: 55.02 ng/ml



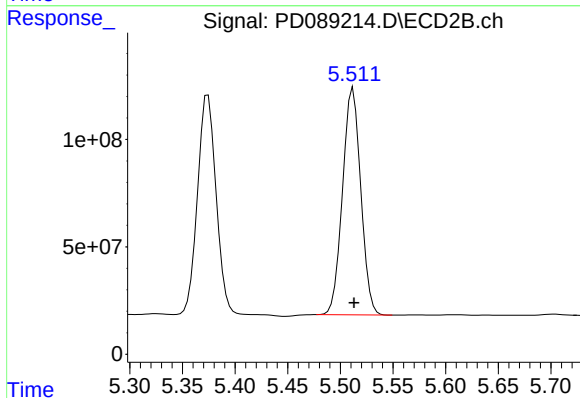
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 268180774
Conc: 55.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

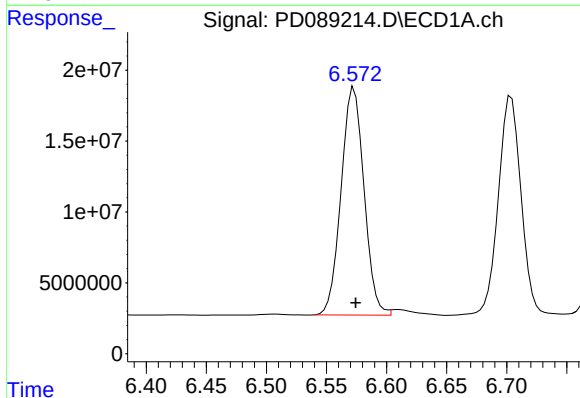
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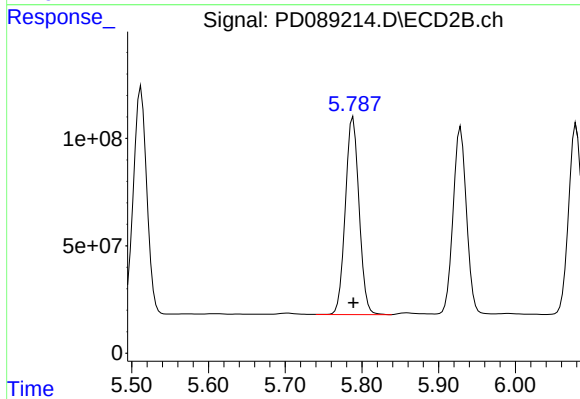
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 1278051068
Conc: 55.07 ng/ml



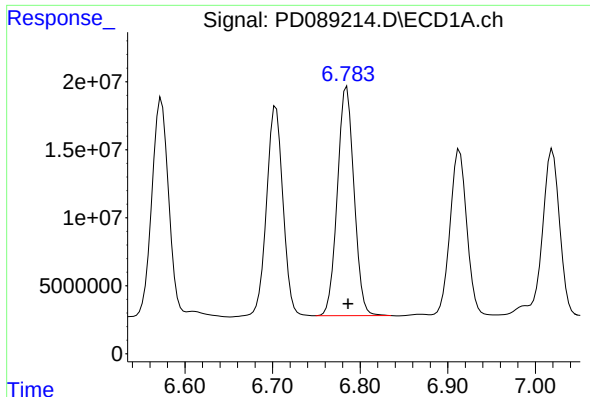
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 213432586
Conc: 51.73 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1150093281
Conc: 52.97 ng/ml



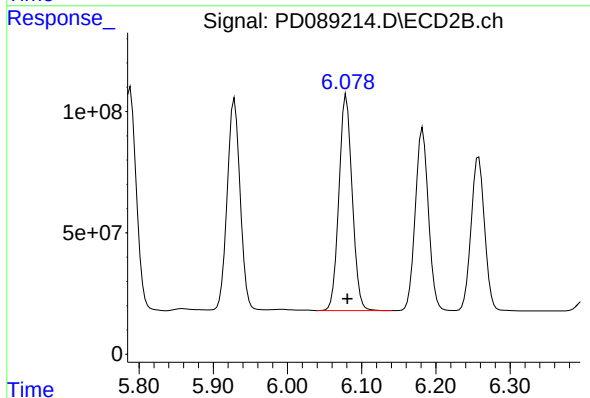
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 22267630
Conc: 55.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

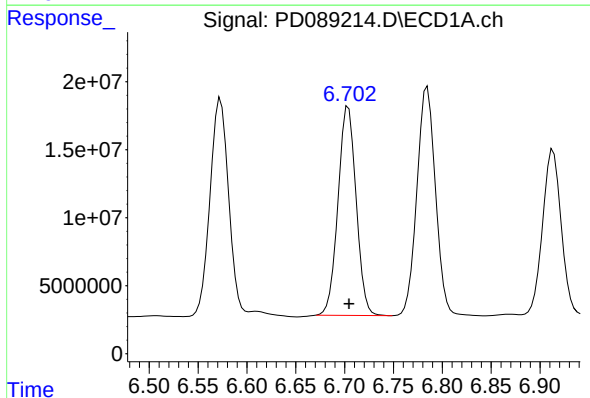
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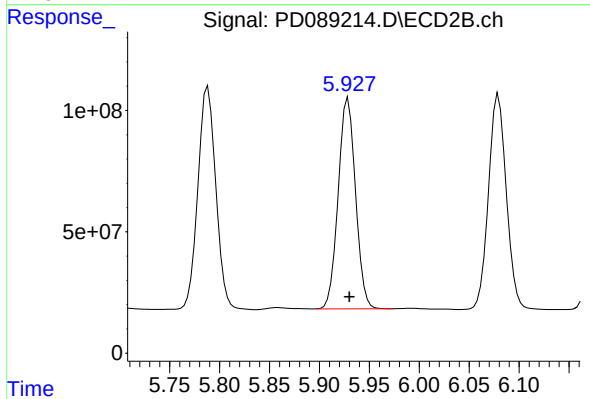
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 1106307885
Conc: 54.78 ng/ml m



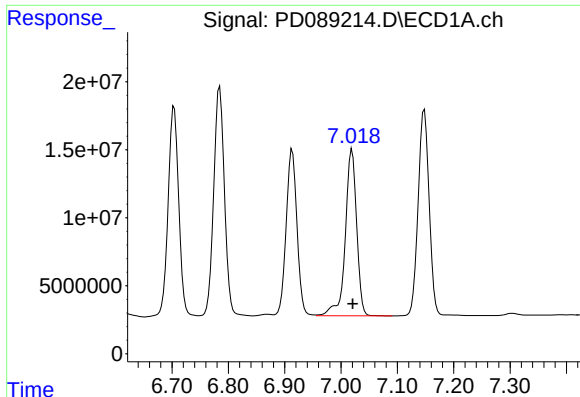
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 198783364
Conc: 57.92 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 1048683713
Conc: 54.82 ng/ml



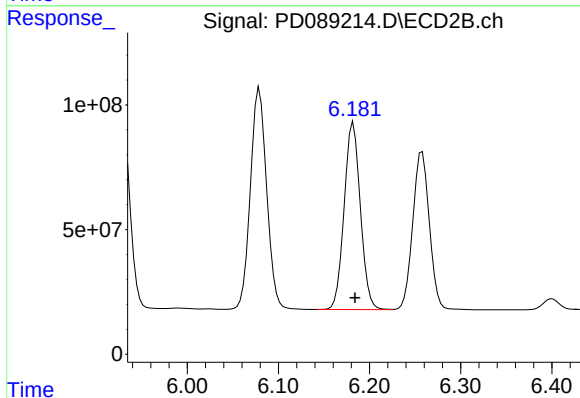
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 171878308
Conc: 45.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

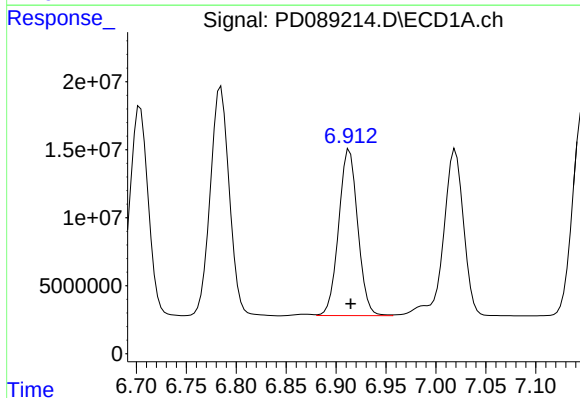
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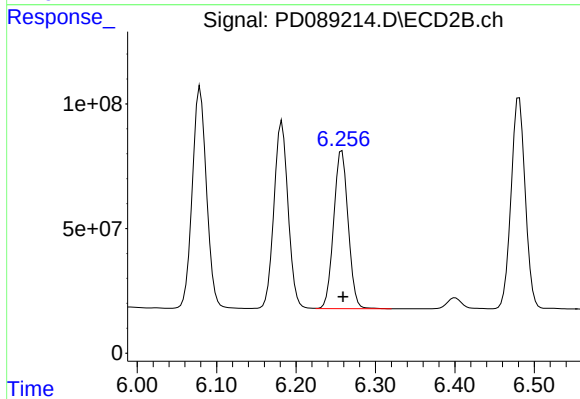
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 927403593
Conc: 45.73 ng/ml



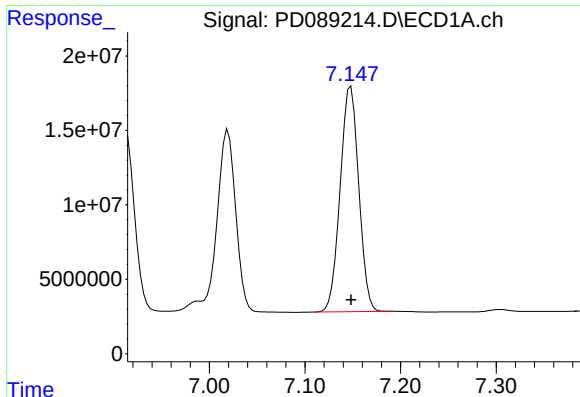
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 162756902
Conc: 53.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 802017968
Conc: 52.38 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 205041570
Conc: 53.43 ng/ml

Instrument :

ECD_D

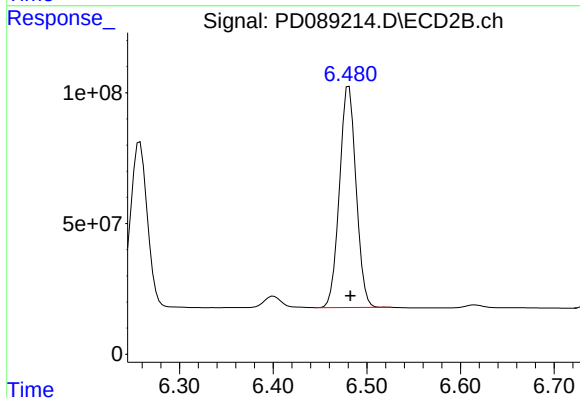
ClientSampleId :

PSTDCCC050

Manual Integrations

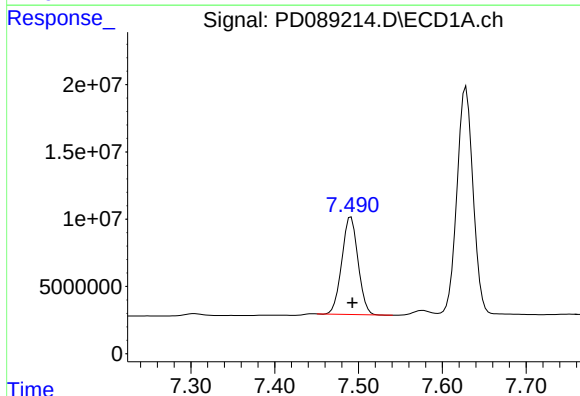
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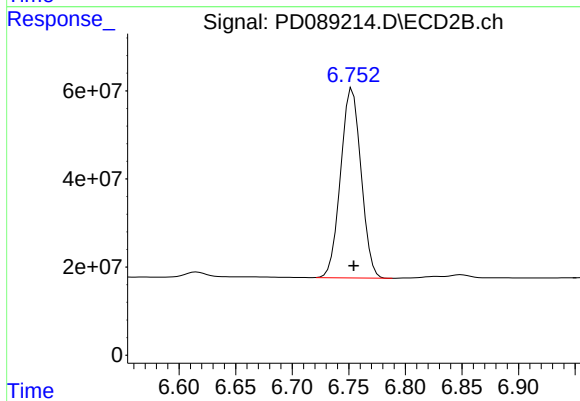
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 1043663667
Conc: 53.19 ng/ml



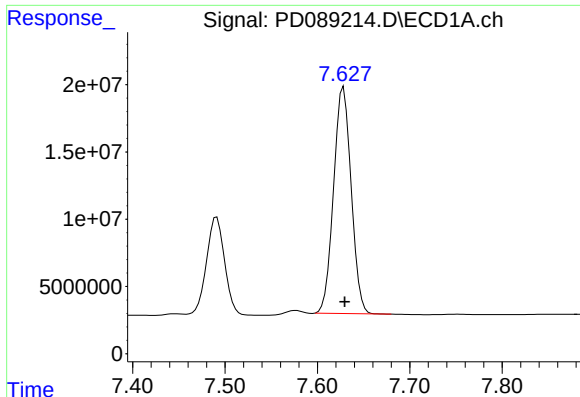
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 97341824
Conc: 48.17 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 541398044
Conc: 50.28 ng/ml



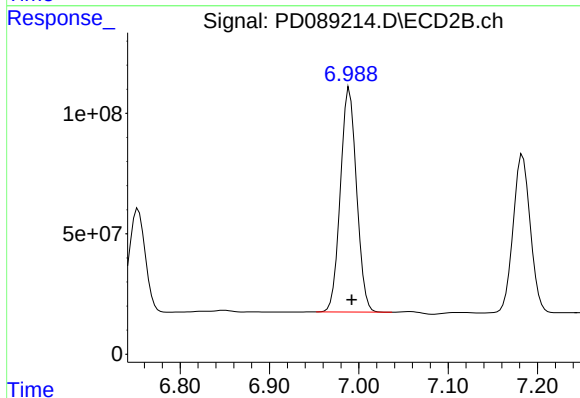
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 222571352
Conc: 54.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

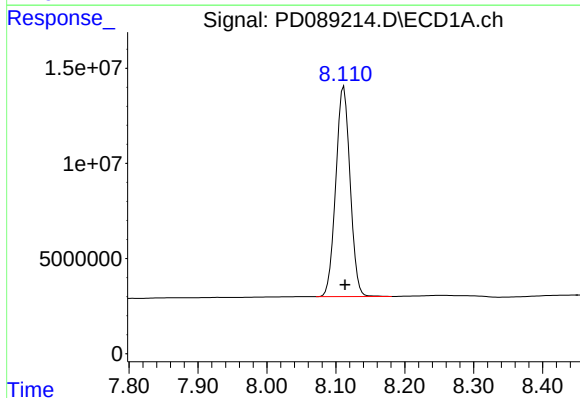
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APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



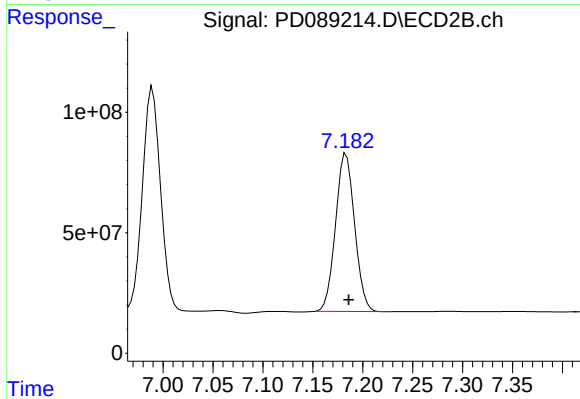
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 1170428824
Conc: 54.18 ng/ml



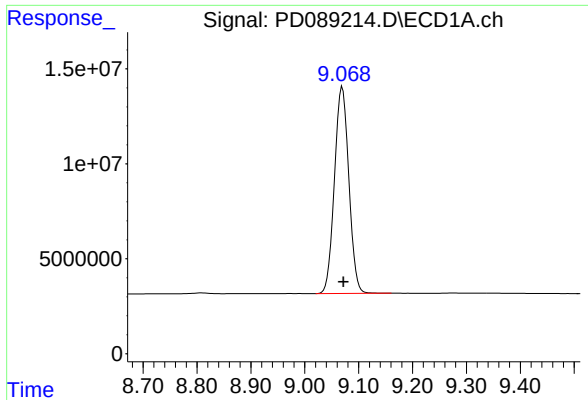
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 159250040
Conc: 52.38 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 873220722
Conc: 52.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.002 min
Response: 201938324
Conc: 51.41 ng/ml

Instrument :

ECD_D

ClientSampleId :

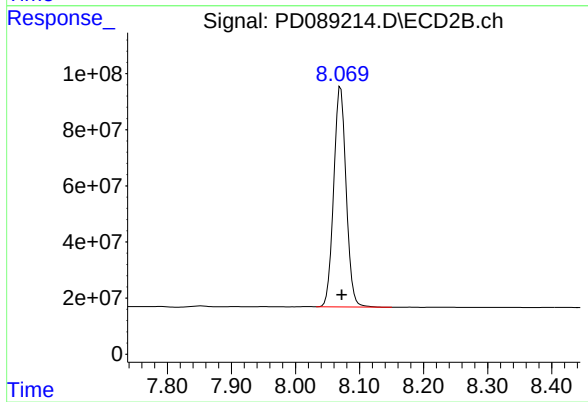
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 1058754318
Conc: 53.55 ng/ml