

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
 Data File : PD091320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2025 18:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/21/2025
 Supervised By : mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 22:49:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.542	2.872	170.9E6	1907.5E6	49.567	52.074
28)	SA Decachlor...	9.059	8.055	240.1E6	2167.2E6	48.196	54.763
Target Compounds							
2)	A alpha-BHC	3.991	3.383	415.3E6	3347.1E6	51.941	52.958
3)	MA gamma-BHC...	4.321	3.719	386.3E6	3063.7E6	51.689	52.986
4)	MA Heptachlor	4.919	4.070	358.6E6	2896.3E6	50.069	52.461
5)	MB Aldrin	5.260	4.356	368.8E6	3046.8E6	50.823	53.965
6)	B beta-BHC	4.508	4.015	144.4E6	1247.4E6	49.711	51.917
7)	B delta-BHC	4.757	4.251	381.6E6	3089.5E6	51.342	52.832
8)	B Heptachlo...	5.680	4.860	324.9E6	2687.1E6	50.009	52.732
9)	A Endosulfan I	6.063	5.233	306.6E6	2332.7E6	49.904	48.748
10)	B gamma-Chl...	5.935	5.112	330.0E6	2953.9E6	50.759	54.074
11)	B alpha-Chl...	6.016	5.177	330.4E6	2798.4E6	47.997	53.475
12)	B 4,4'-DDE	6.186	5.359	289.6E6	2846.7E6	49.935	53.268m
13)	MA Dieldrin	6.336	5.499	326.8E6	2888.9E6	50.550	53.191
14)	MA Endrin	6.563	5.776	267.5E6	2559.8E6	53.891	56.643
15)	B Endosulfa...	6.776	6.067	279.1E6	2459.6E6	50.208	52.691
16)	A 4,4'-DDD	6.695	5.915	239.0E6	2437.0E6	48.659	49.868
17)	MA 4,4'-DDT	7.011	6.169	220.2E6	2259.6E6	53.258	57.742
18)	B Endrin al...	6.905	6.245	203.1E6	1839.8E6	48.763	52.135
19)	B Endosulfa...	7.140	6.469	253.4E6	2378.2E6	49.250	53.044
20)	A Methoxychlor	7.484	6.739	111.4E6	1126.9E6	51.214	56.203
21)	B Endrin ke...	7.619	6.977	273.7E6	2667.8E6	48.580m	52.355
22)	Mirex	8.102	7.169	175.2E6	1782.3E6	49.251	53.782

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
Data File : PD091320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 18:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

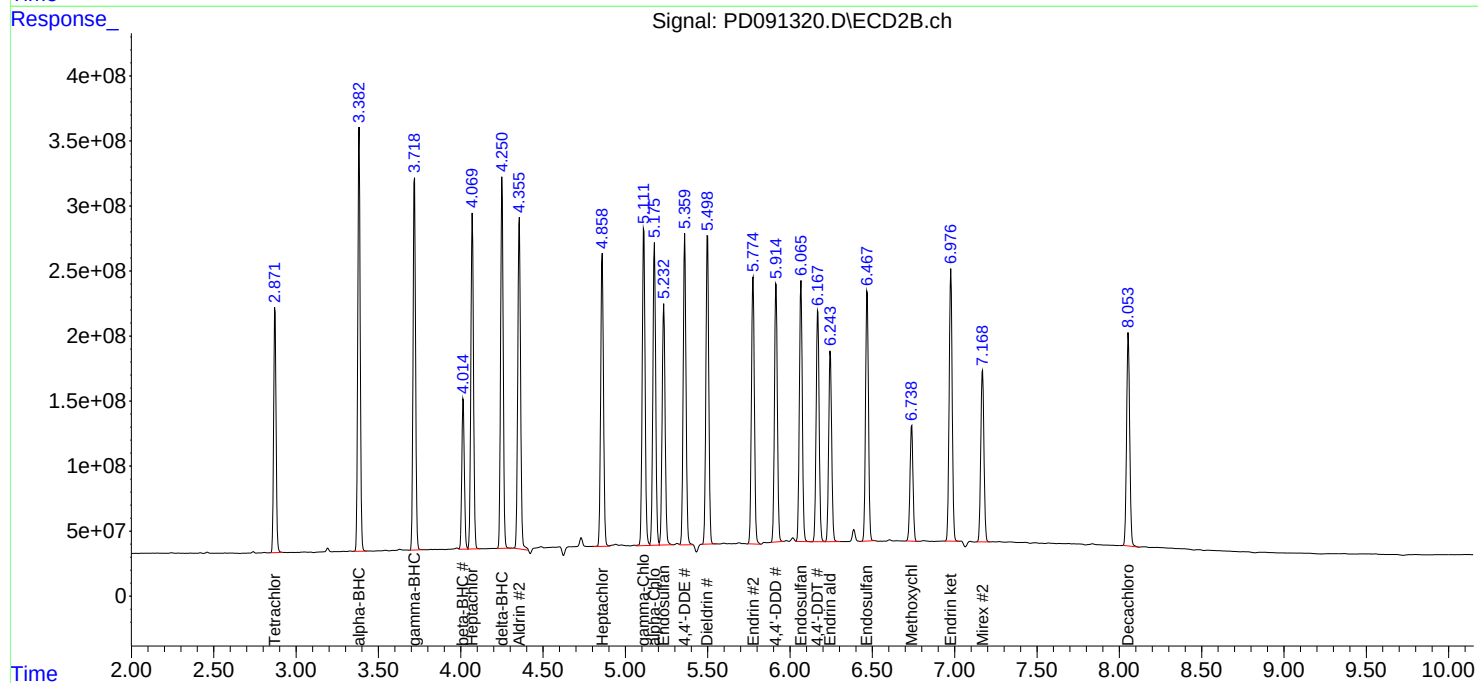
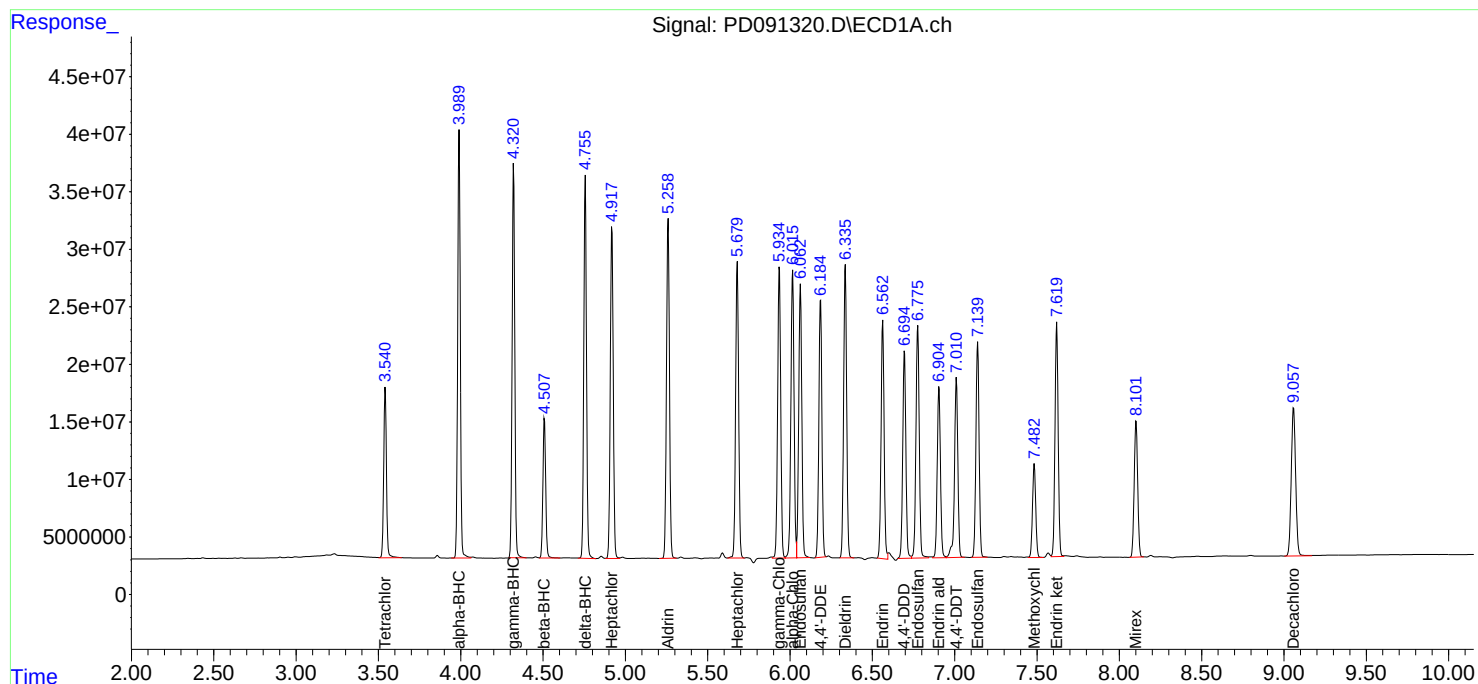
APPROVED

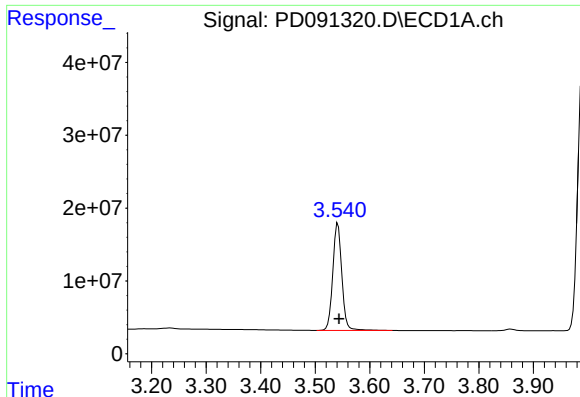
Reviewed By :Abdul Mirza 11/21/2025

Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 22:49:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





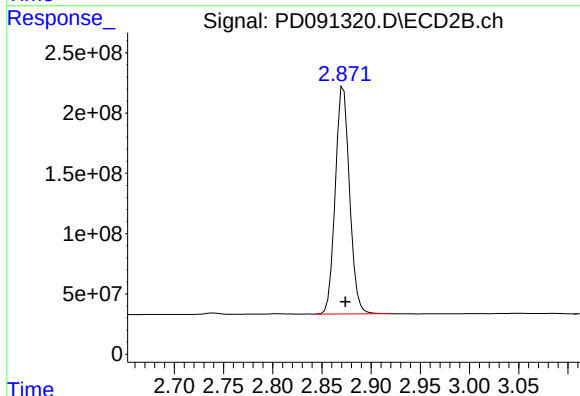
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 170937342
Conc: 49.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

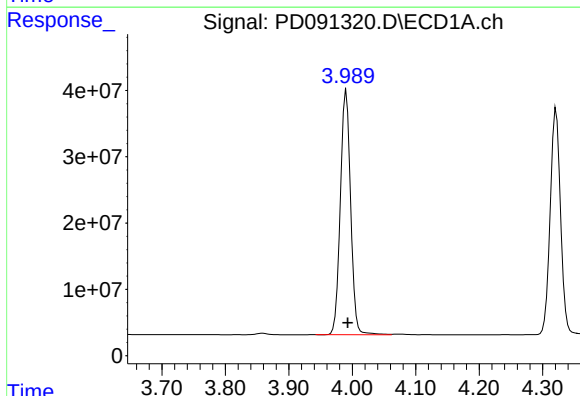
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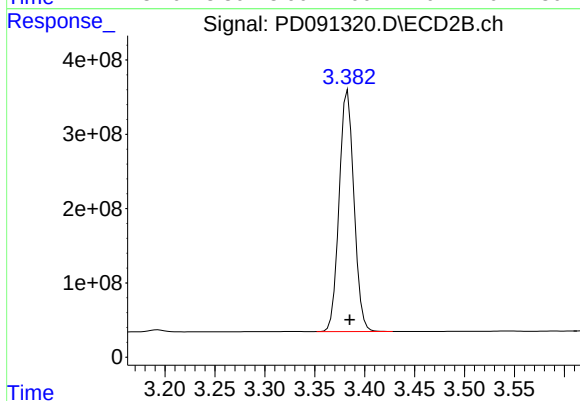
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 1907482274
Conc: 52.07 ng/ml



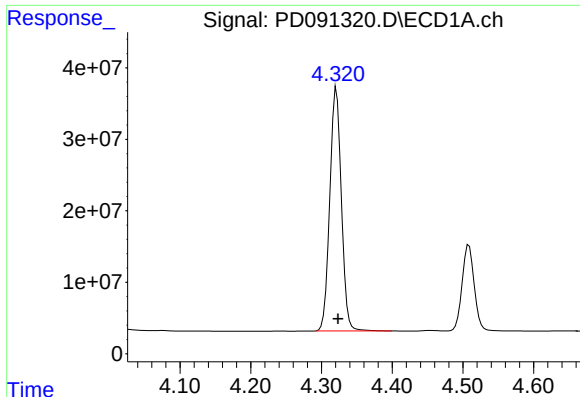
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 415291931
Conc: 51.94 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3347078853
Conc: 52.96 ng/ml



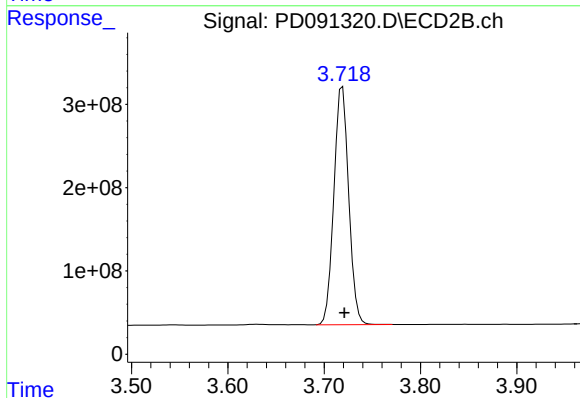
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 386265906
Conc: 51.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

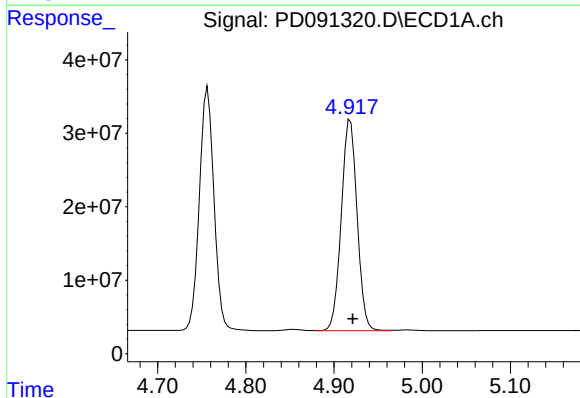
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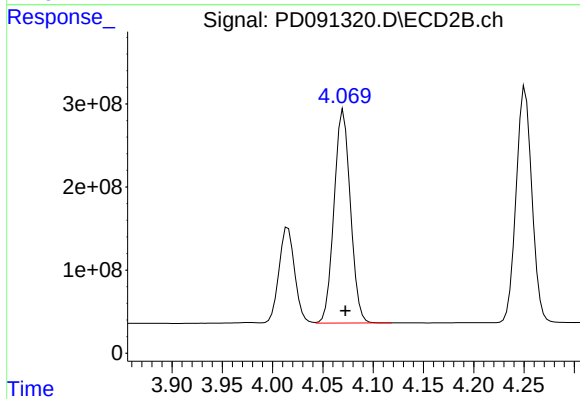
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3063747935
Conc: 52.99 ng/ml



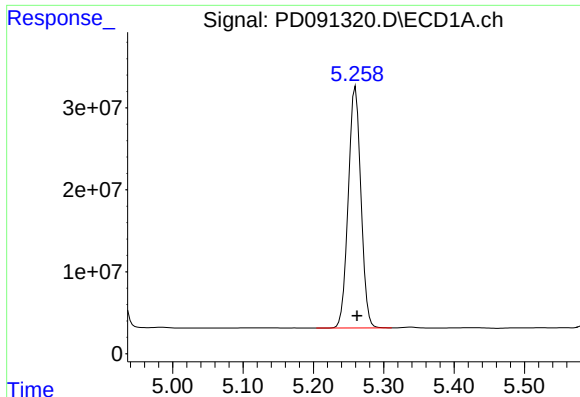
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 358579645
Conc: 50.07 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2896329951
Conc: 52.46 ng/ml



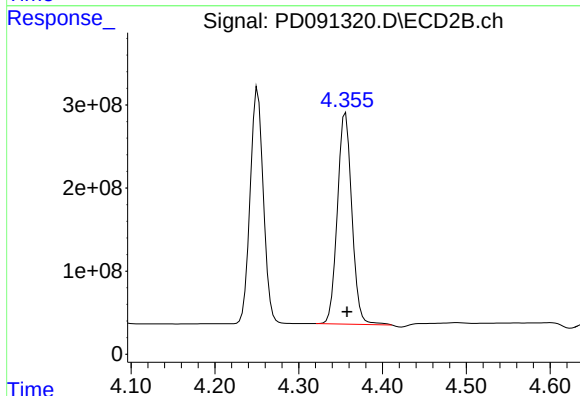
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 368793443
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

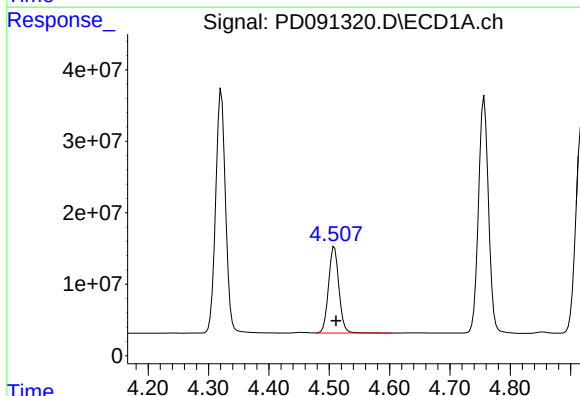
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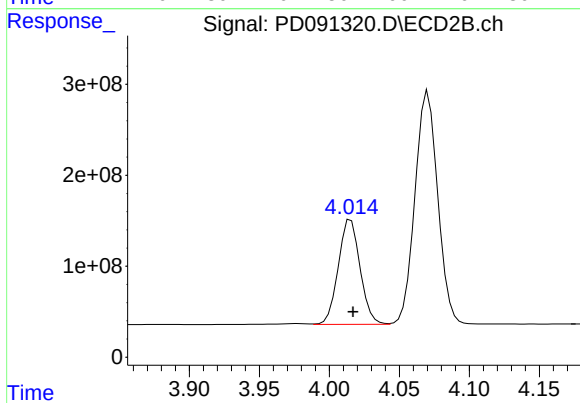
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3046789830
Conc: 53.97 ng/ml



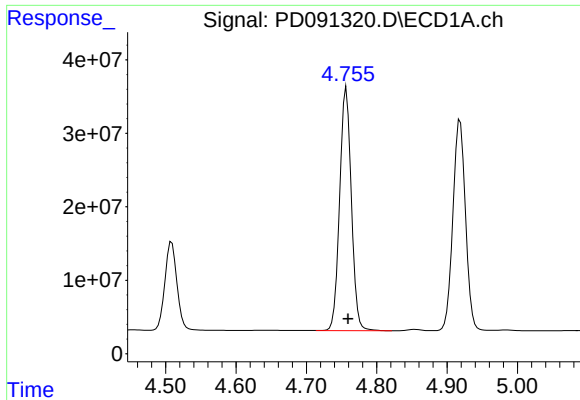
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 144435613
Conc: 49.71 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1247403082
Conc: 51.92 ng/ml



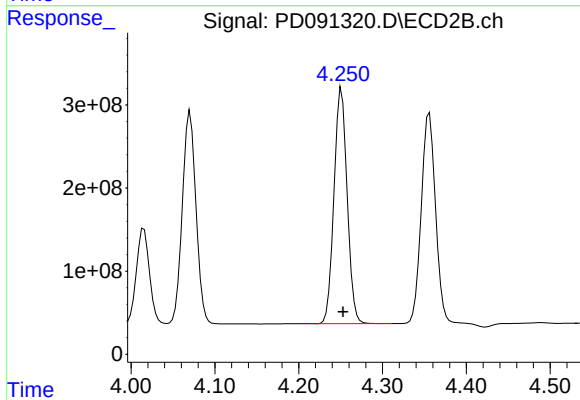
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 381574786
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

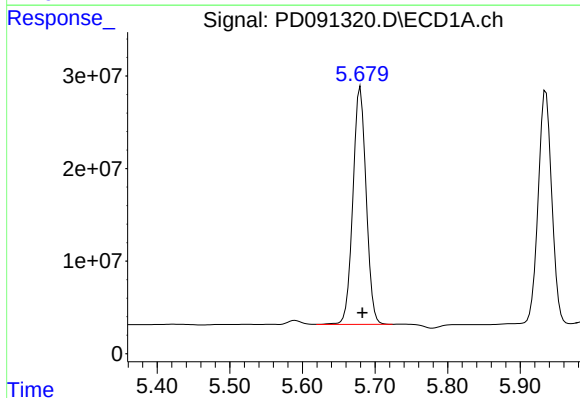
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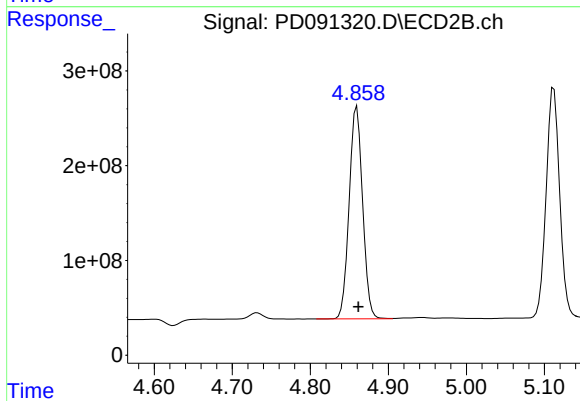
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 3089483459
Conc: 52.83 ng/ml



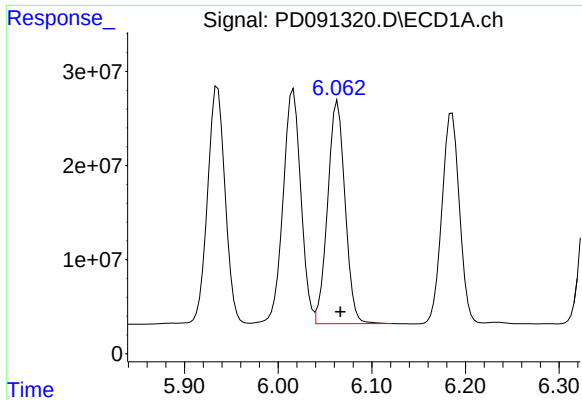
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 324891918
Conc: 50.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2687129580
Conc: 52.73 ng/ml



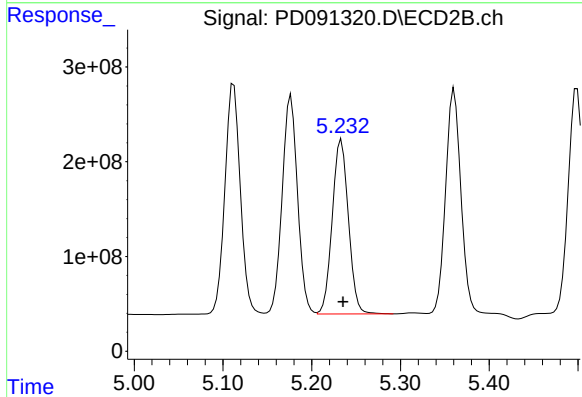
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 306562778
Conc: 49.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

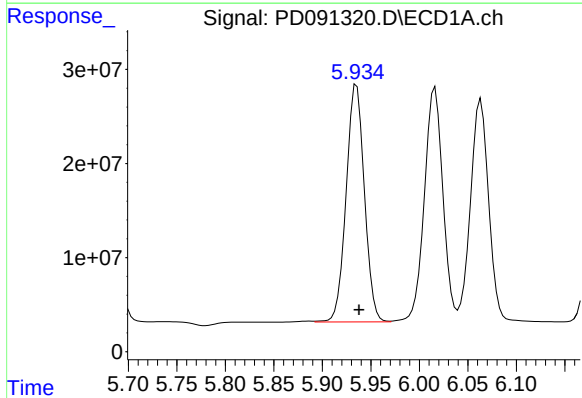
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Supervised By :mohammad ahmed 11/22/2025



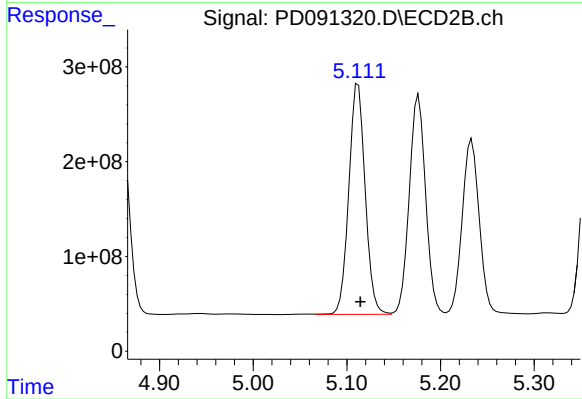
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 2332679140
Conc: 48.75 ng/ml



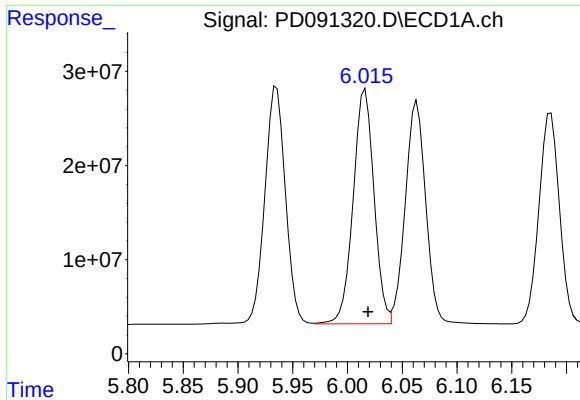
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 329969530
Conc: 50.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 2953946017
Conc: 54.07 ng/ml



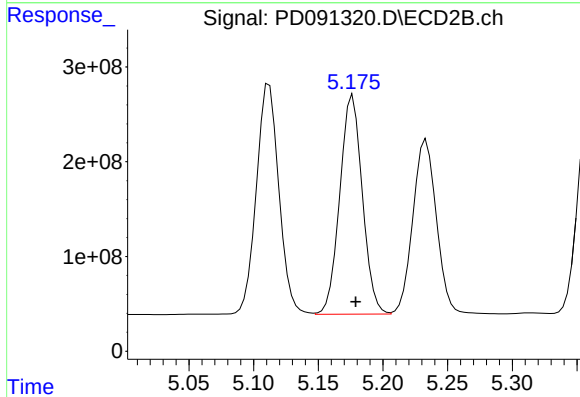
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 330357588
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

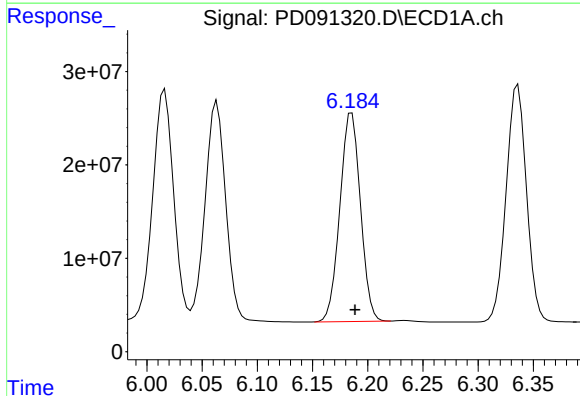
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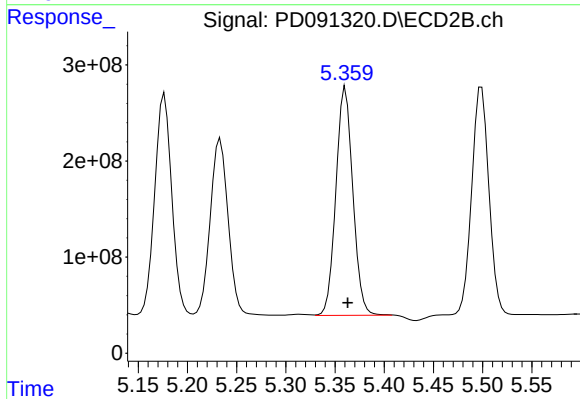
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2798399250
Conc: 53.47 ng/ml



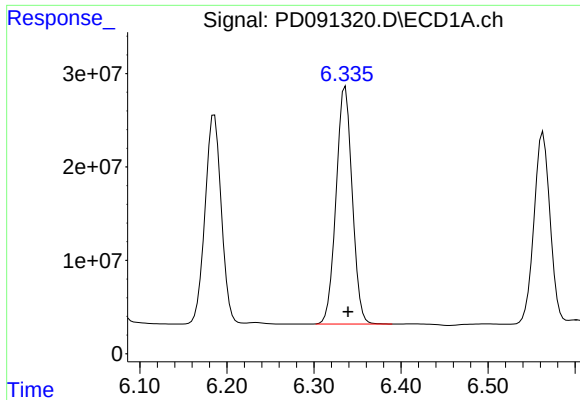
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 289593889
Conc: 49.94 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 2846737612
Conc: 53.27 ng/ml m



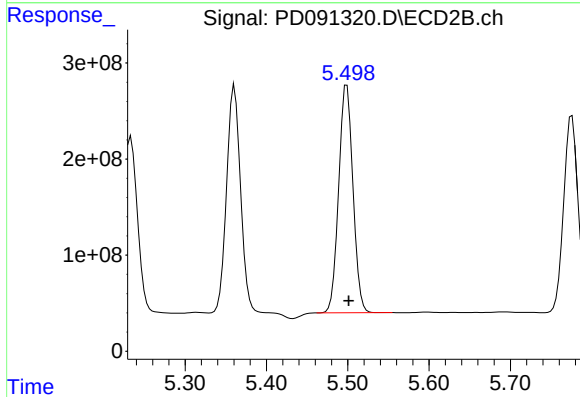
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 326800470
Conc: 50.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

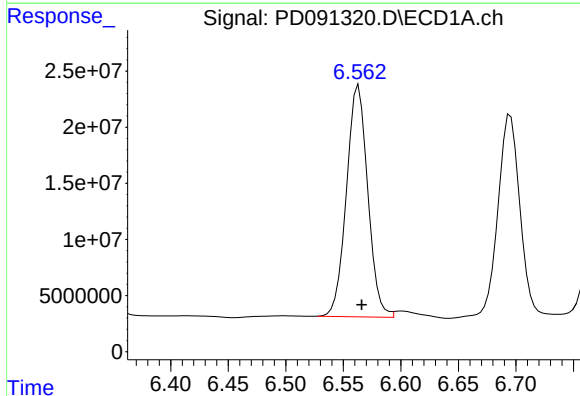
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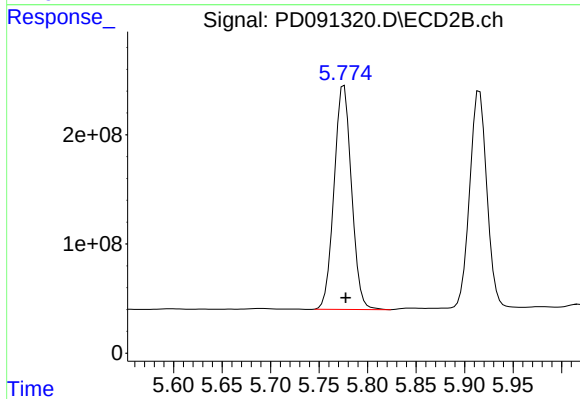
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 2888862139
Conc: 53.19 ng/ml



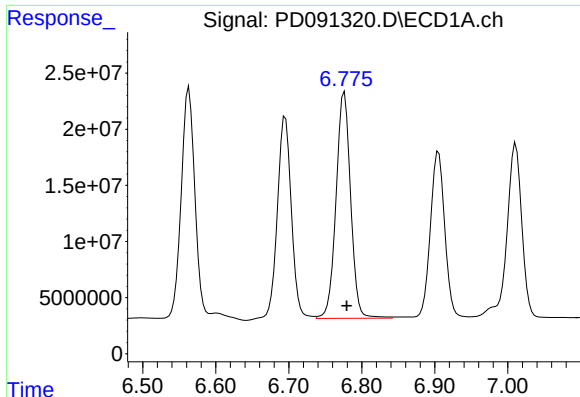
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 267485050
Conc: 53.89 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 2559839468
Conc: 56.64 ng/ml



#15 Endosulfan II

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 279123165
Conc: 50.21 ng/ml

Instrument :

ECD_D

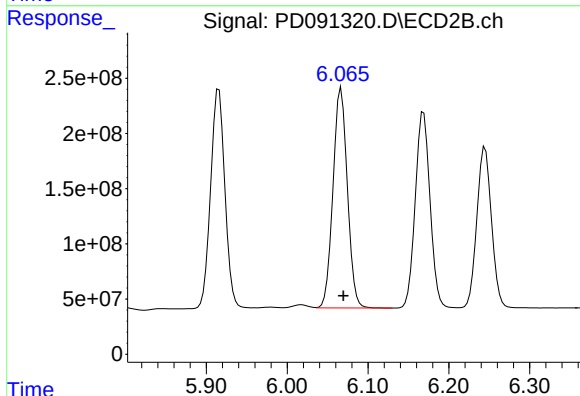
ClientSampleId :

PSTDCCC050

Manual Integrations

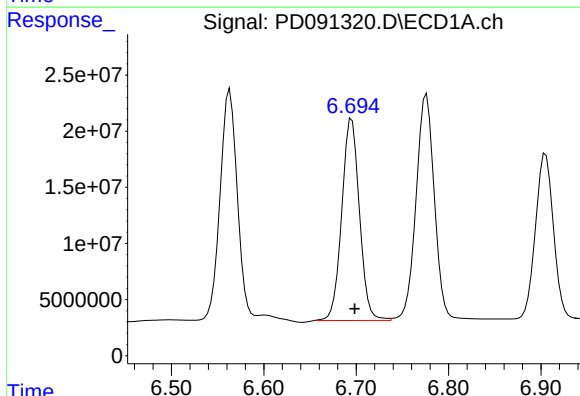
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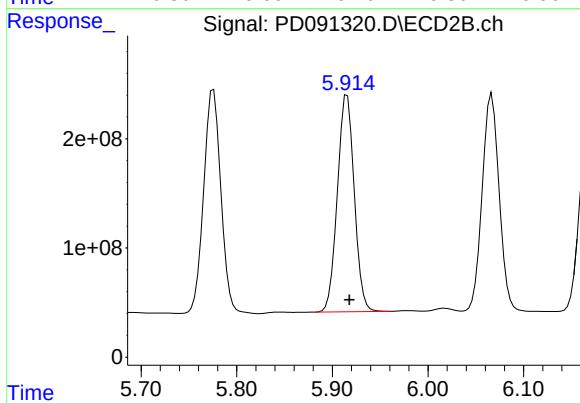
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 2459611206
Conc: 52.69 ng/ml



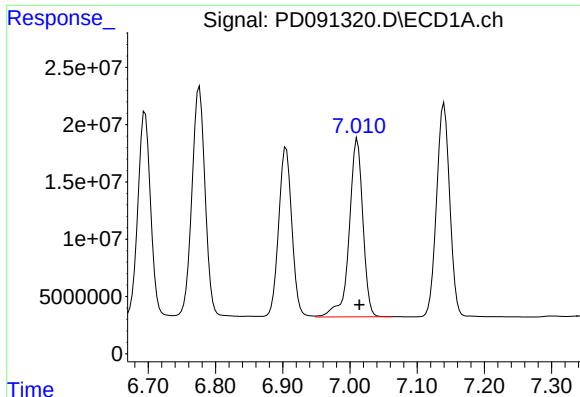
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 238988668
Conc: 48.66 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2436966609
Conc: 49.87 ng/ml



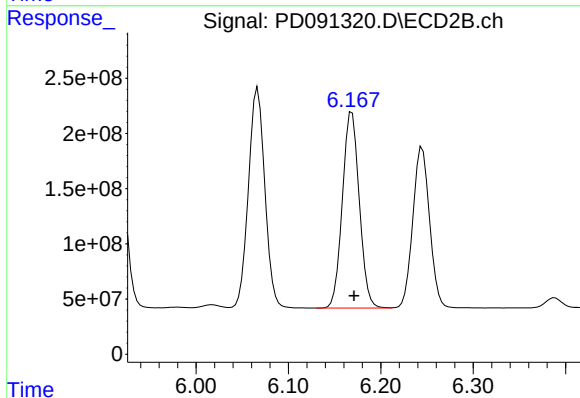
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 220248632
Conc: 53.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

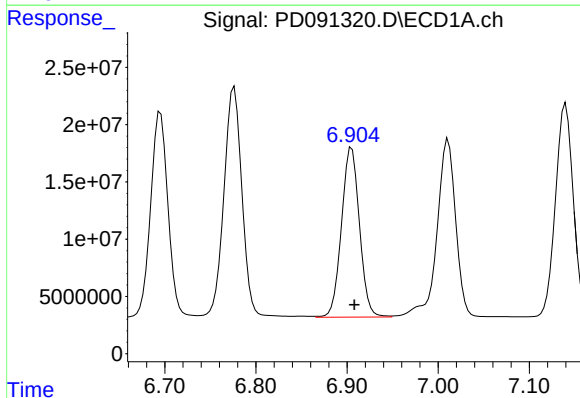
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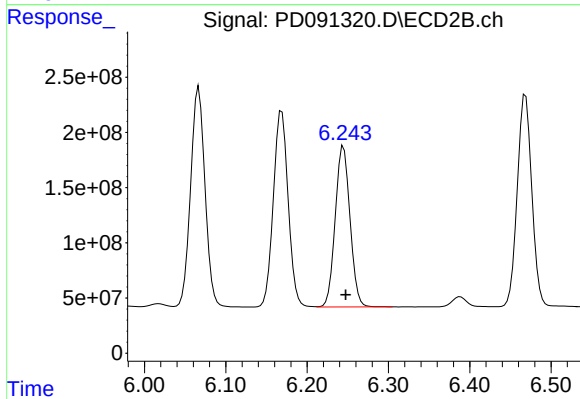
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 2259598096
Conc: 57.74 ng/ml



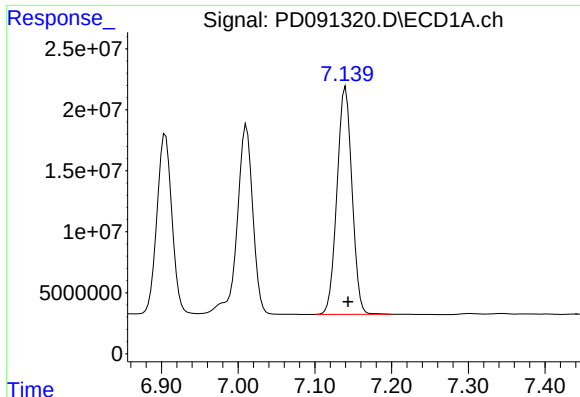
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 203149358
Conc: 48.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 1839781016
Conc: 52.13 ng/ml



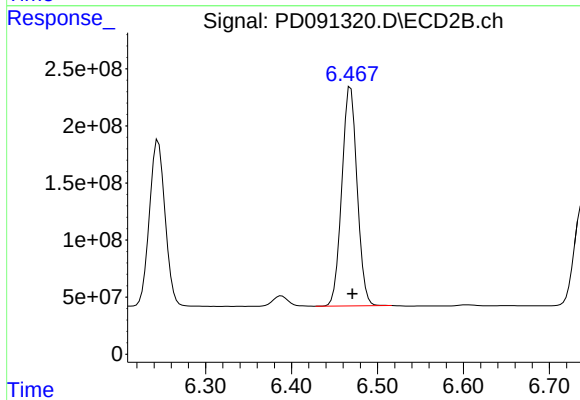
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 253381591
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

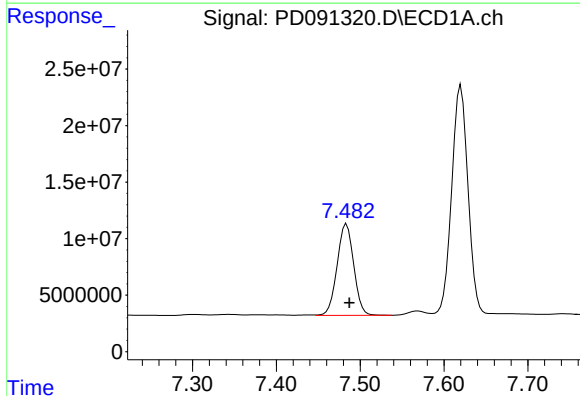
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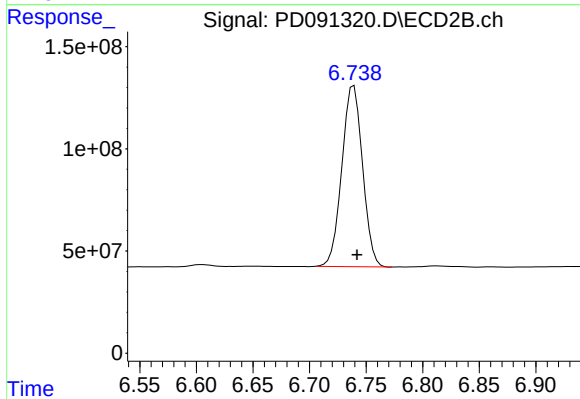
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2378217944
Conc: 53.04 ng/ml



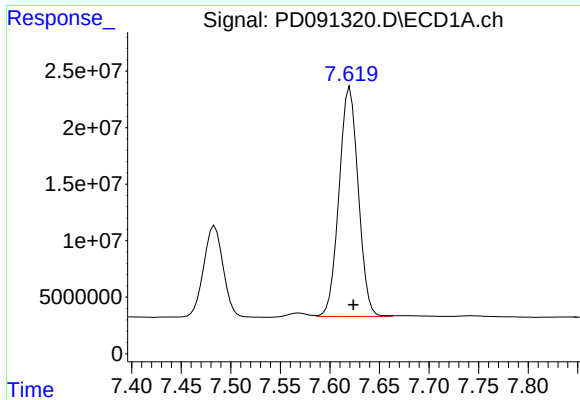
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 111356302
Conc: 51.21 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 1126945939
Conc: 56.20 ng/ml



#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.005 min
Response: 273680720
Conc: 48.58 ng/ml

Instrument :

ECD_D

ClientSampleId :

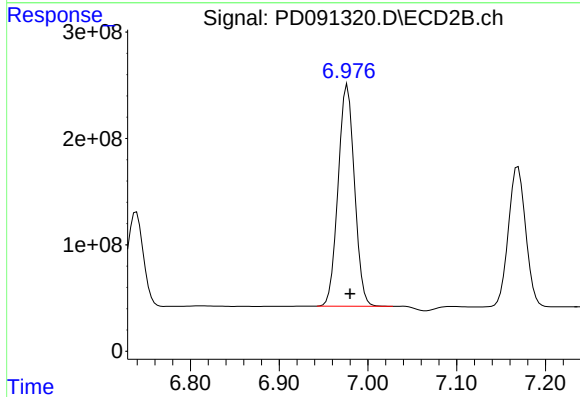
PSTDCCC050

Manual Integrations

APPROVED

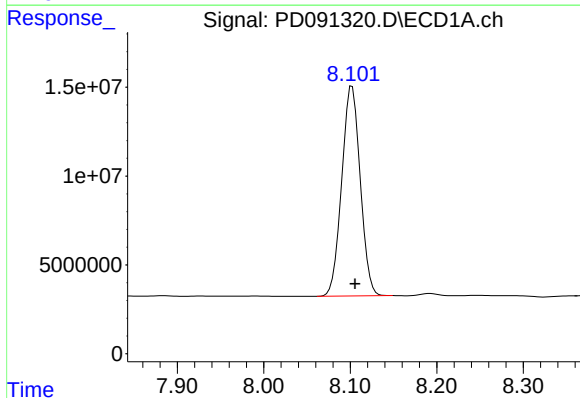
Reviewed By :Abdul Mirza 11/21/2025

Supervised By :mohammad ahmed 11/22/2025



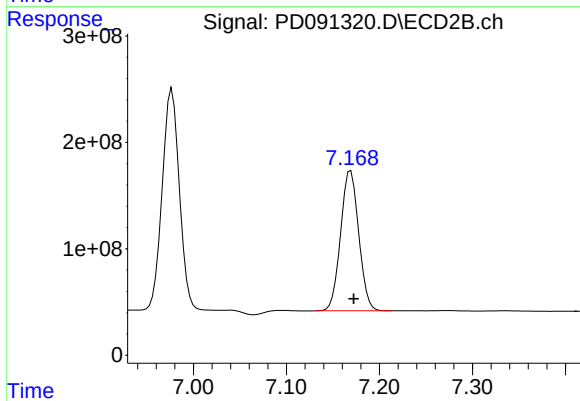
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 2667804834
Conc: 52.36 ng/ml



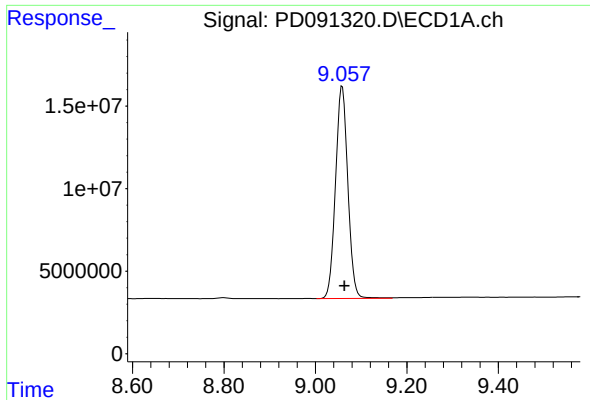
#22 Mirex

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 175188055
Conc: 49.25 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 1782329877
Conc: 53.78 ng/ml



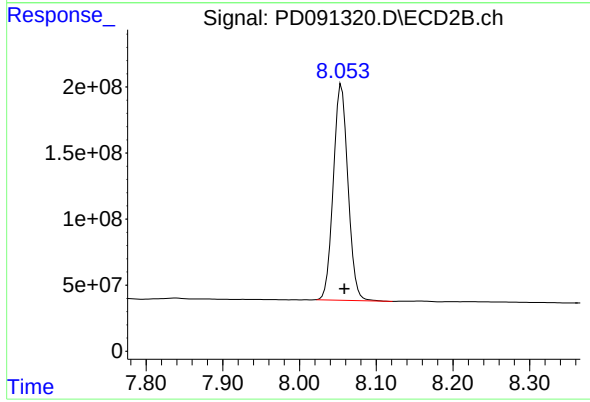
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 240106574
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.004 min
Response: 2167244355
Conc: 54.76 ng/ml