

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
 Data File : PD090265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 18:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 01:00:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.545	2.877	132.7E6	1181.6E6	45.220m	53.588
28)	SA Decachlor...	9.065	8.064	208.7E6	1429.4E6	48.355	55.219
Target Compounds							
2)	A alpha-BHC	3.996	3.389	305.0E6	1897.1E6	50.811	55.898
3)	MA gamma-BHC...	4.325	3.725	283.8E6	1752.5E6	49.552m	56.223
4)	MA Heptachlor	4.925	4.077	286.8E6	1754.1E6	51.136	56.238
5)	MB Aldrin	5.265	4.362	272.8E6	1713.5E6	50.391m	56.263
6)	B beta-BHC	4.513	4.020	109.0E6	738.5E6	48.588	55.404
7)	B delta-BHC	4.761	4.257	281.7E6	1771.4E6	54.401	56.145
8)	B Heptachlo...	5.686	4.866	241.5E6	1547.1E6	49.218	55.863
9)	A Endosulfan I	6.069	5.240	223.3E6	1440.5E6	48.385	54.937
10)	B gamma-Chl...	5.941	5.119	241.3E6	1672.4E6	49.342	56.477
11)	B alpha-Chl...	6.021	5.183	241.2E6	1598.6E6	48.994m	56.016
12)	B 4,4'-DDE	6.191	5.368	219.7E6	1629.1E6	50.066	56.521
13)	MA Dieldrin	6.340	5.506	246.4E6	1656.8E6	50.331m	56.570
14)	MA Endrin	6.568	5.782	209.0E6	1569.6E6	50.448m	58.935
15)	B Endosulfa...	6.782	6.074	204.5E6	1426.5E6	48.460	56.394
16)	A 4,4'-DDD	6.701	5.922	175.1E6	1368.3E6	50.620	56.908
17)	MA 4,4'-DDT	7.017	6.176	184.6E6	1468.4E6	48.445	58.573
18)	B Endrin al...	6.911	6.252	146.0E6	1017.5E6	50.905	59.090
19)	B Endosulfa...	7.143	6.476	193.8E6	1370.3E6	49.451m	56.206
20)	A Methoxychlor	7.489	6.746	101.7E6	736.6E6	50.697	57.119
21)	B Endrin ke...	7.626	6.984	209.8E6	1490.9E6	50.617	55.954
22)	Mirex	8.109	7.177	153.2E6	1155.0E6	48.559	55.919

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
Data File : PD090265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 18:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

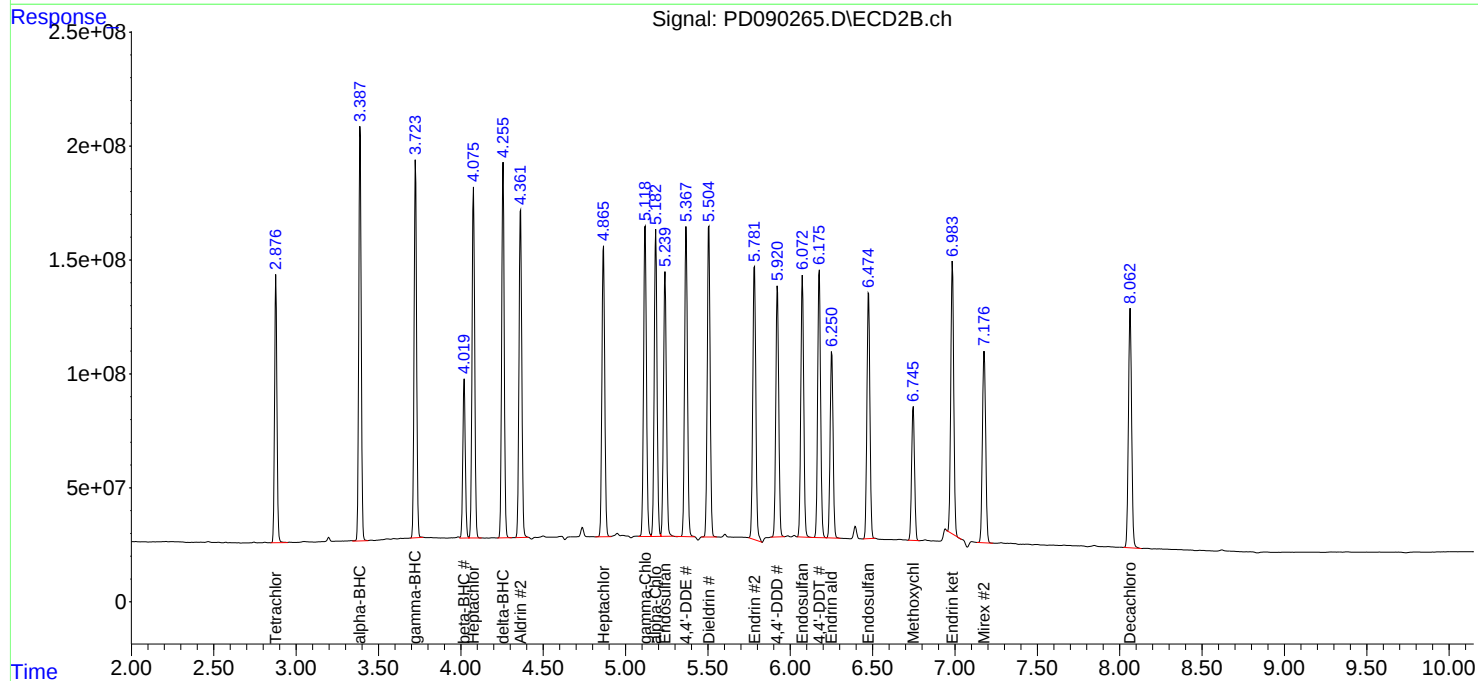
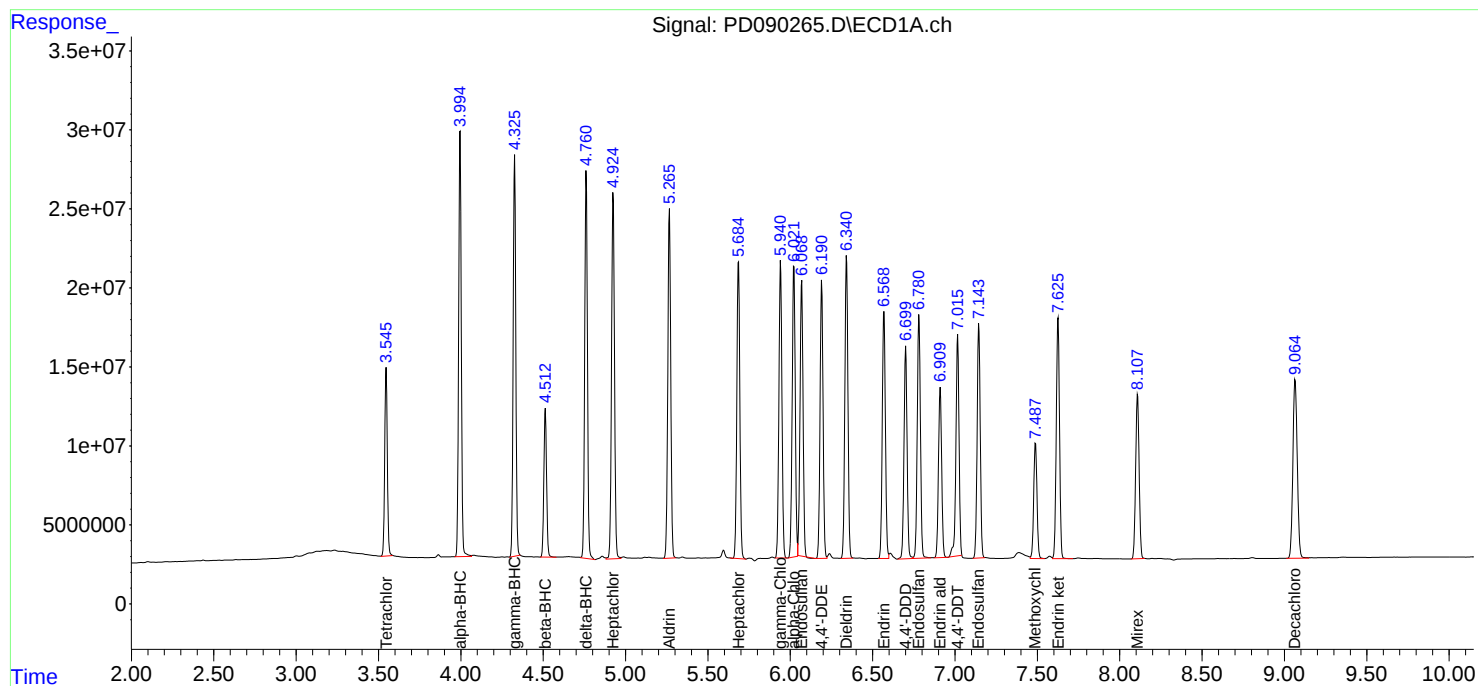
APPROVED

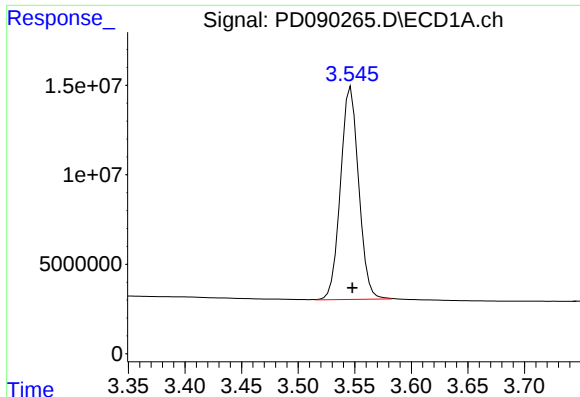
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 01:00:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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.: 3.545 min
Delta R.T.: -0.003 min
Response: 132713672
Conc: 45.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

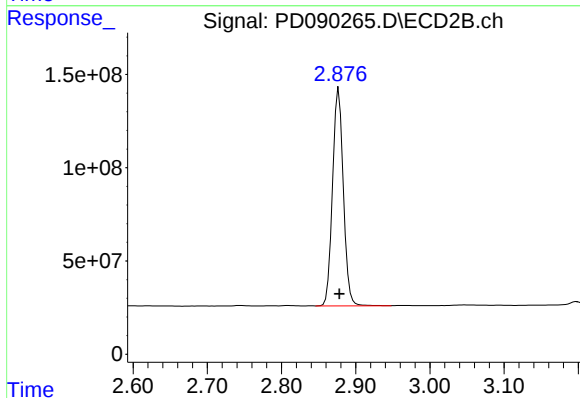
PSTDCCC050

Manual Integrations

APPROVED

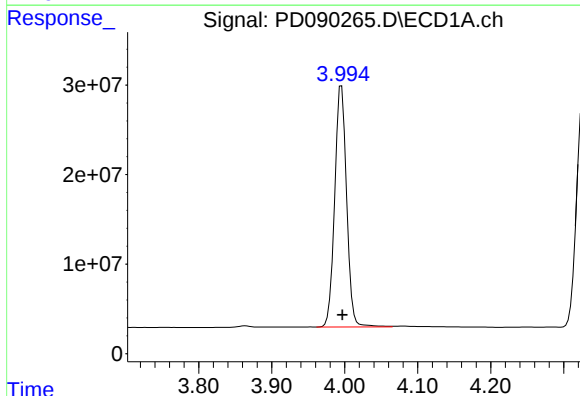
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025



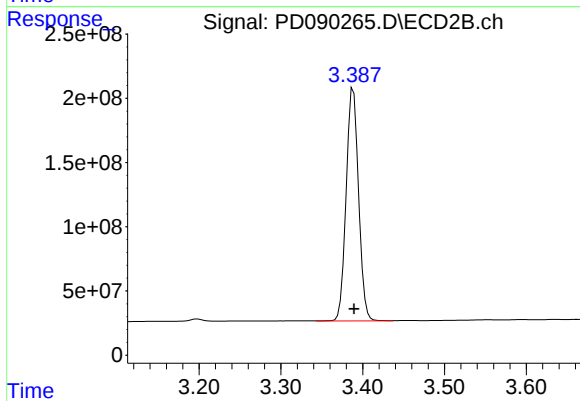
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1181645260
Conc: 53.59 ng/ml



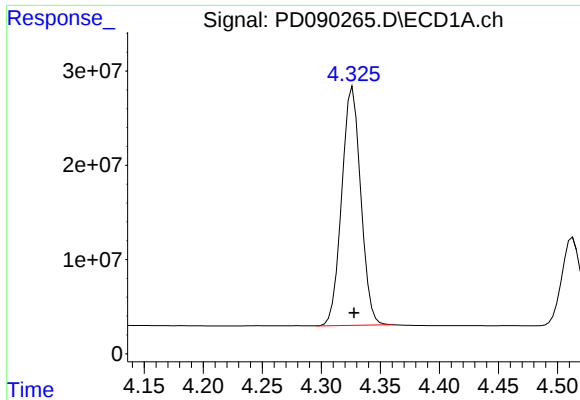
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 304976801
Conc: 50.81 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1897125113
Conc: 55.90 ng/ml



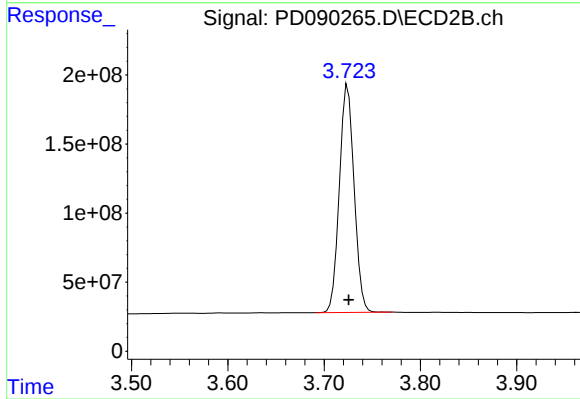
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 283776331
Conc: 49.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

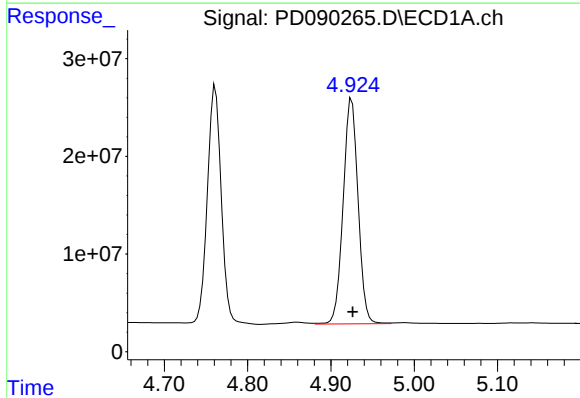
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025



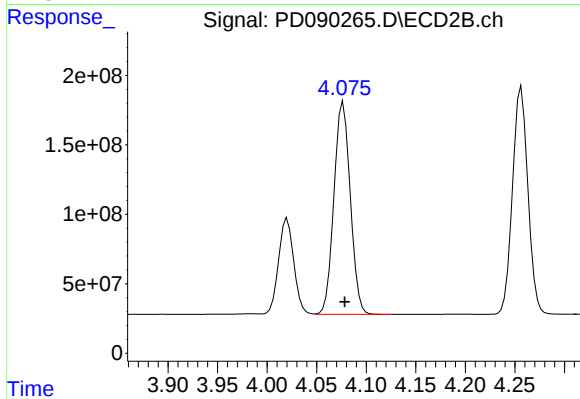
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1752503152
Conc: 56.22 ng/ml



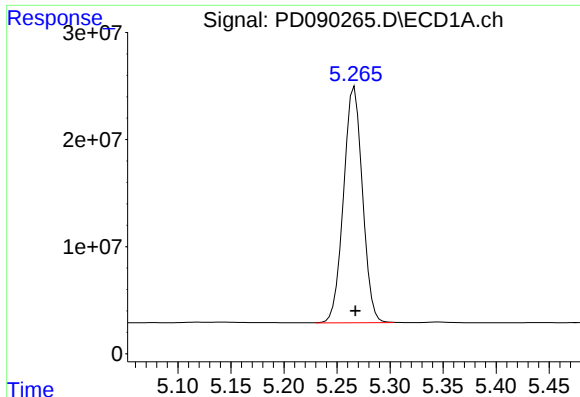
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 286829473
Conc: 51.14 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 1754147289
Conc: 56.24 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 272844651
Conc: 50.39 ng/ml

Instrument :

ECD_D

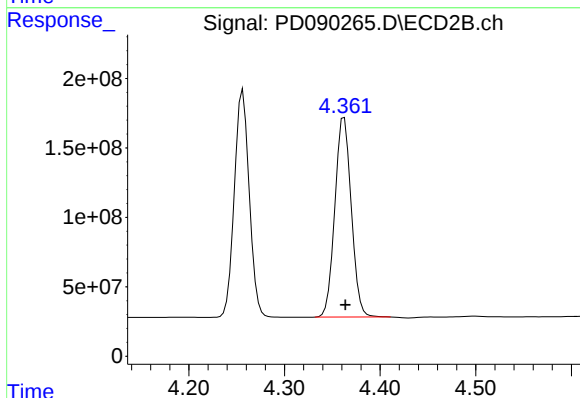
ClientSampleId :

PSTDCCC050

Manual Integrations

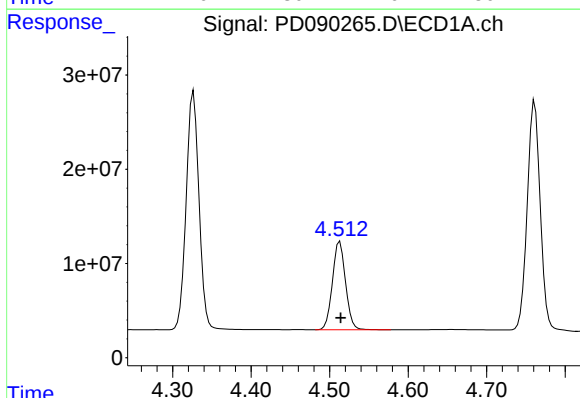
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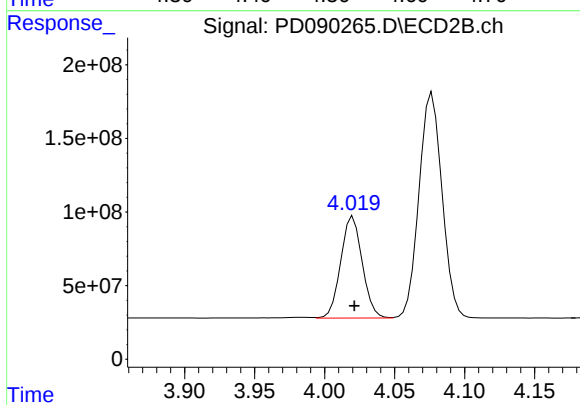
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 1713521696
Conc: 56.26 ng/ml



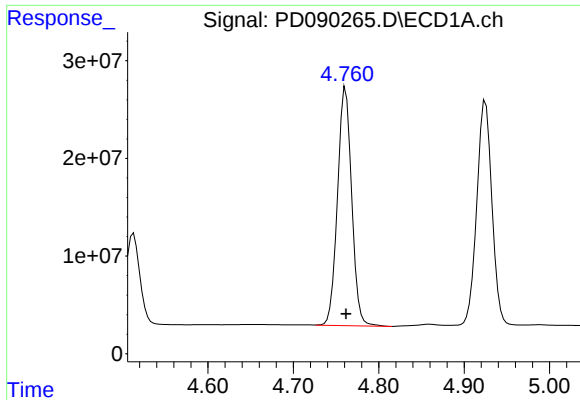
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 108984248
Conc: 48.59 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 738543775
Conc: 55.40 ng/ml



#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 281672799
Conc: 54.40 ng/ml

Instrument :

ECD_D

ClientSampleId :

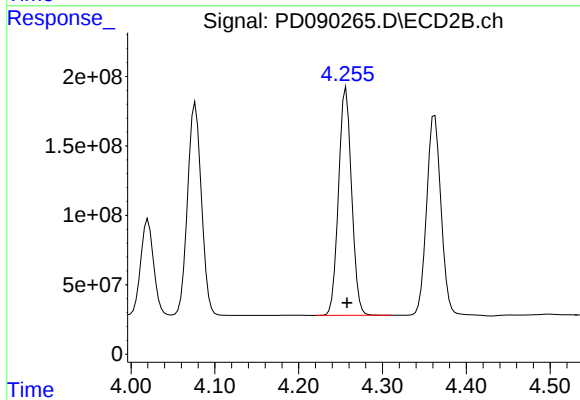
PSTDCCC050

Manual Integrations

APPROVED

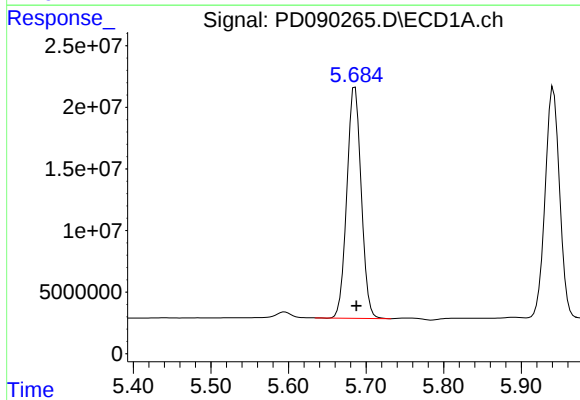
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025



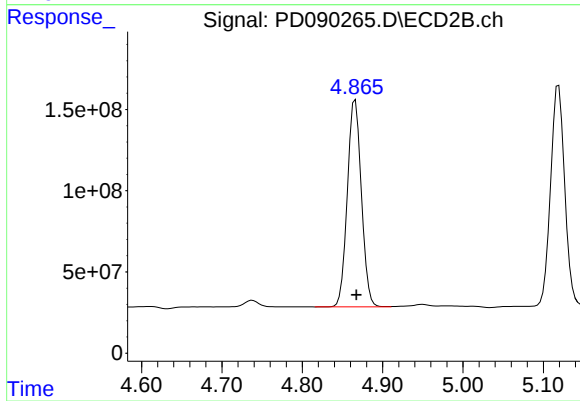
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.001 min
Response: 1771358303
Conc: 56.14 ng/ml



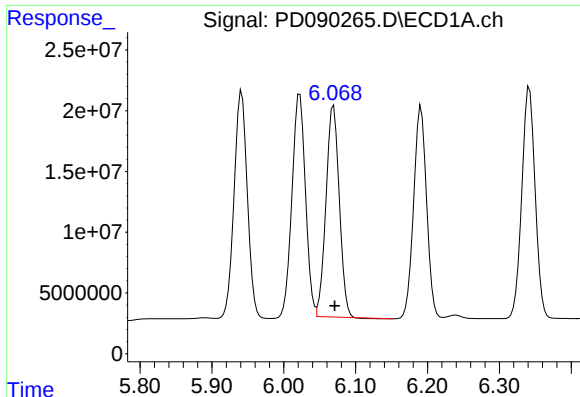
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 241503306
Conc: 49.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 1547126608
Conc: 55.86 ng/ml



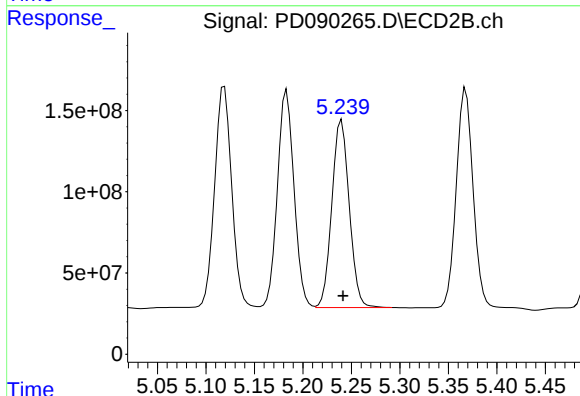
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 223293143
Conc: 48.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

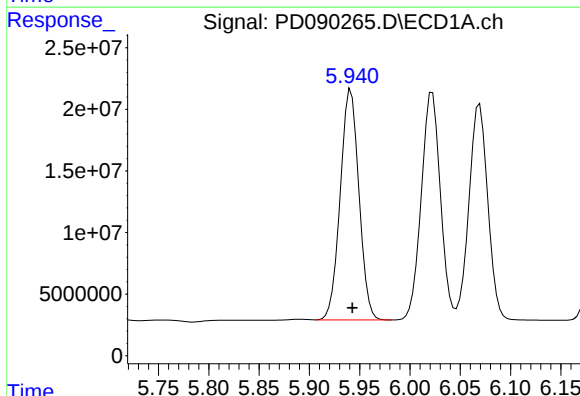
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



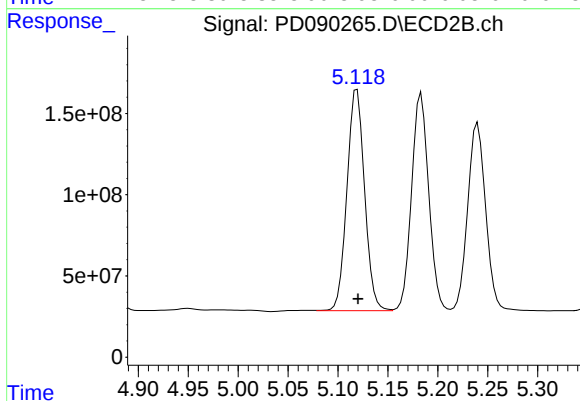
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 1440540122
Conc: 54.94 ng/ml



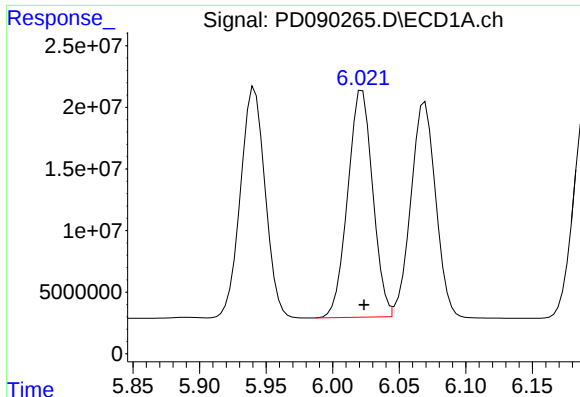
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 241331871
Conc: 49.34 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 1672350275
Conc: 56.48 ng/ml



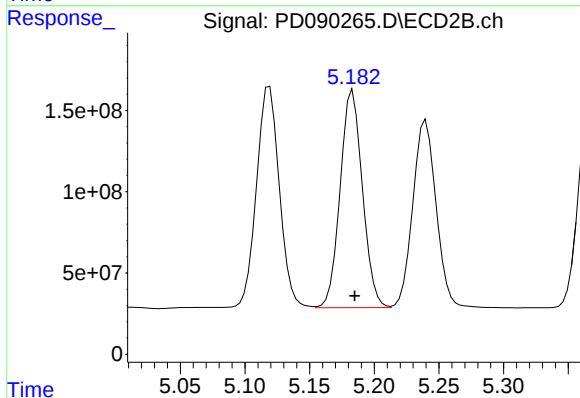
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 241168905
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

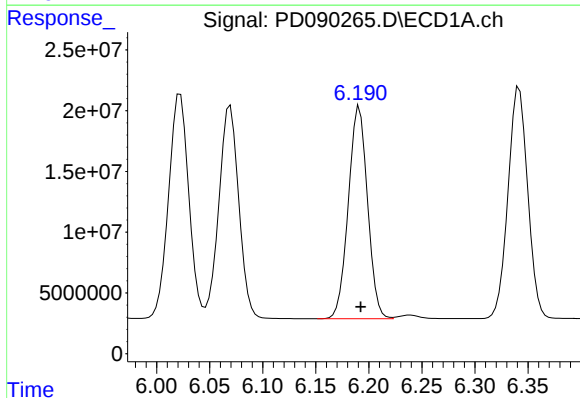
Manual Integrations
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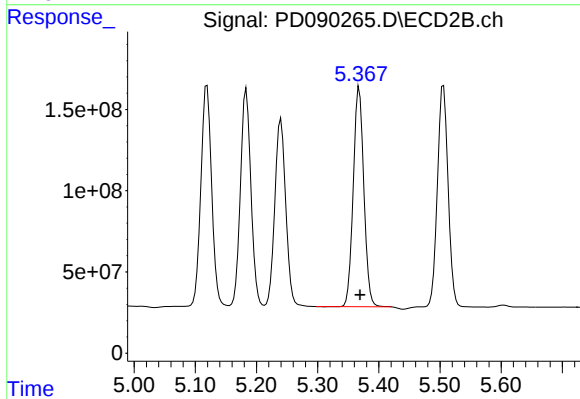
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1598597990
Conc: 56.02 ng/ml



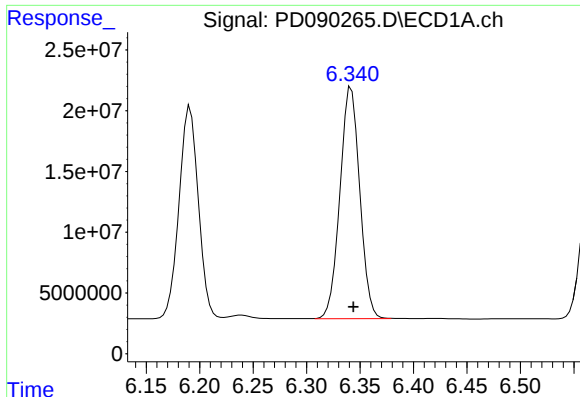
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 219704344
Conc: 50.07 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 1629082688
Conc: 56.52 ng/ml



#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 246409233
Conc: 50.33 ng/ml

Instrument :

ECD_D

ClientSampleId :

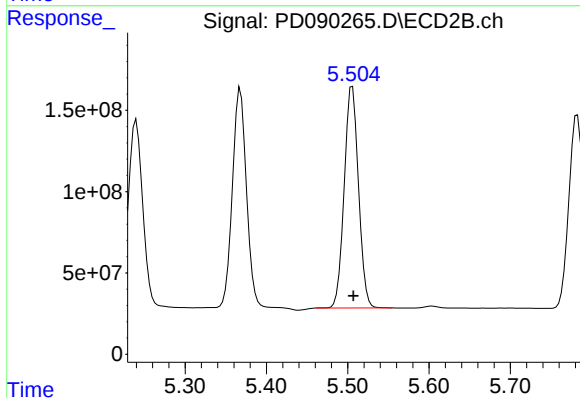
PSTDCCC050

Manual Integrations

APPROVED

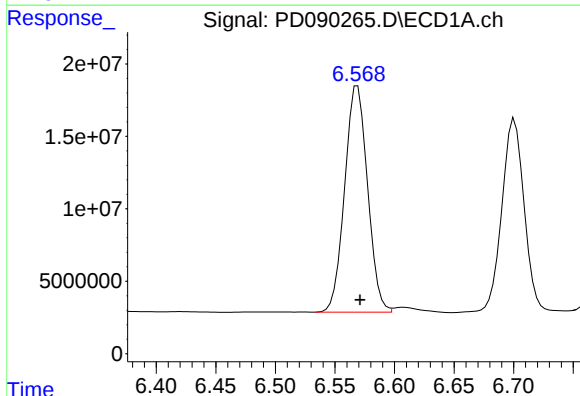
Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025



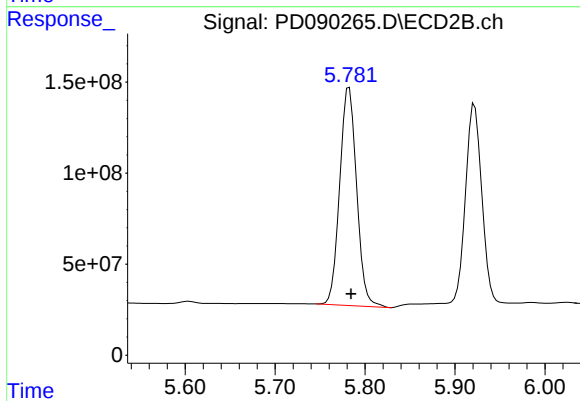
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 1656761358
Conc: 56.57 ng/ml



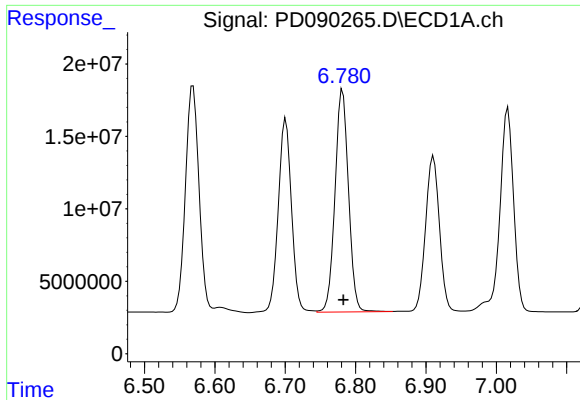
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 209034284
Conc: 50.45 ng/ml m



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1569558600
Conc: 58.93 ng/ml



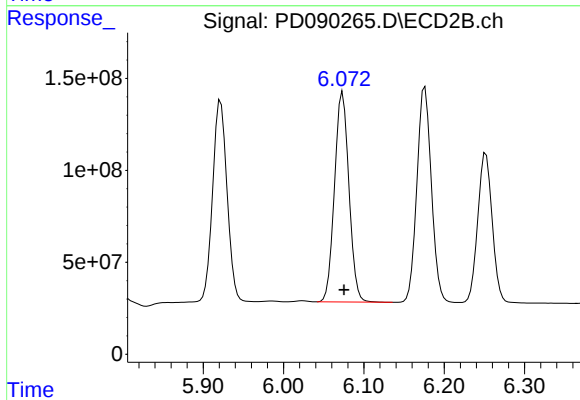
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 204488702
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

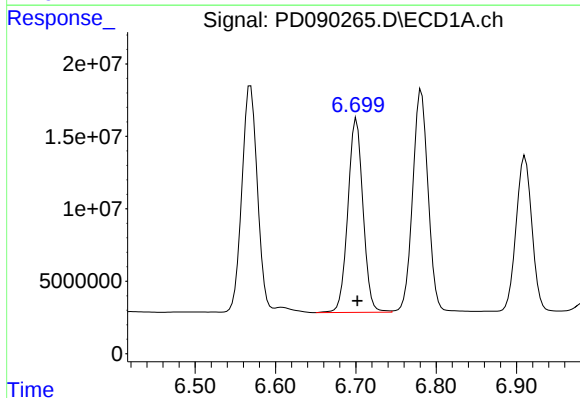
Manual Integrations
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Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



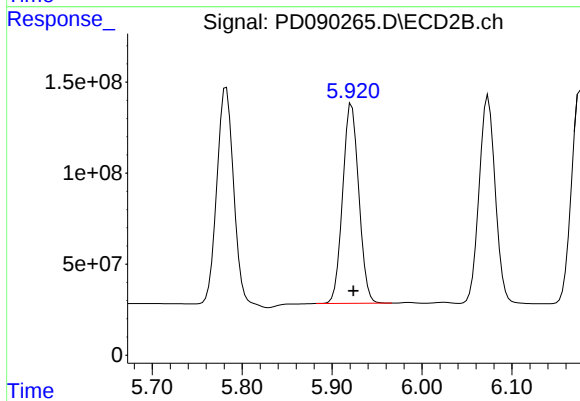
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 1426474637
Conc: 56.39 ng/ml



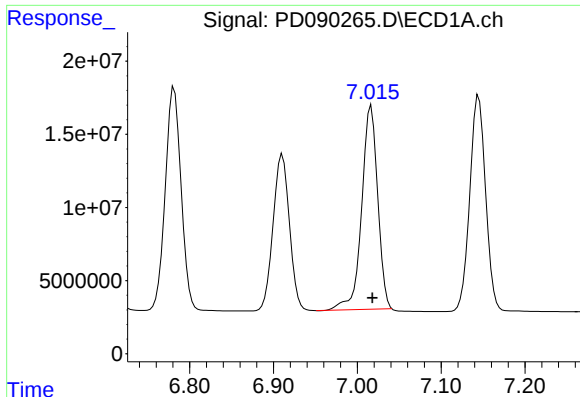
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 175100811
Conc: 50.62 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1368274015
Conc: 56.91 ng/ml



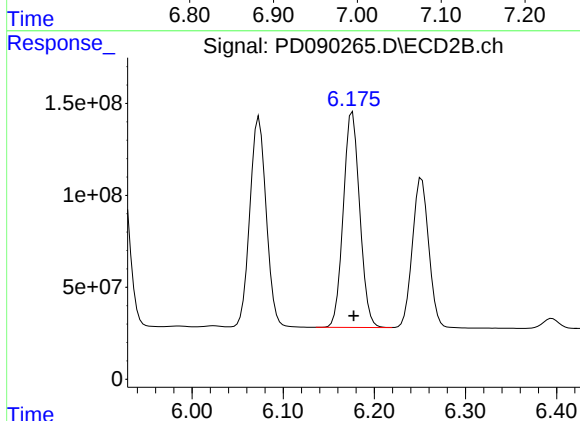
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 184561746
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

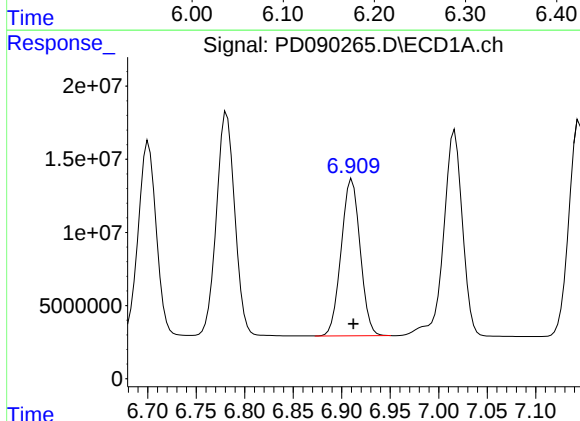
Manual Integrations
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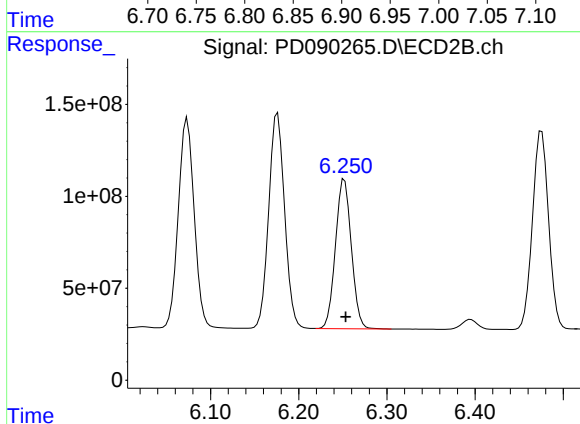
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 1468409265
Conc: 58.57 ng/ml



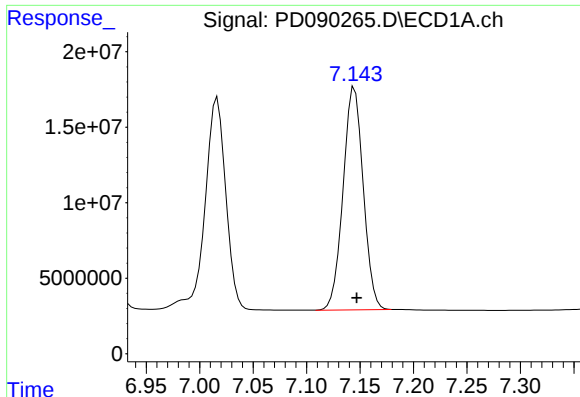
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 145951498
Conc: 50.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 1017526540
Conc: 59.09 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 193773974
Conc: 49.45 ng/ml

Instrument :

ECD_D

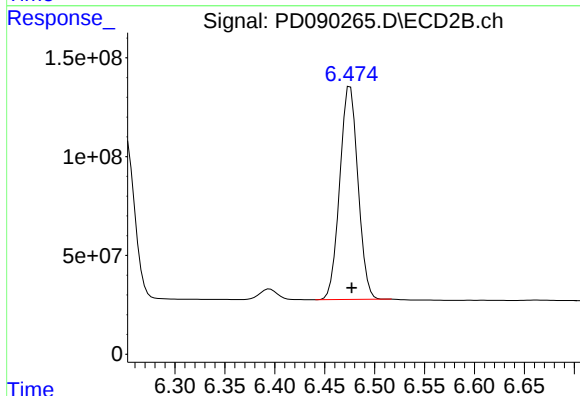
ClientSampleId :

PSTDCCC050

Manual Integrations

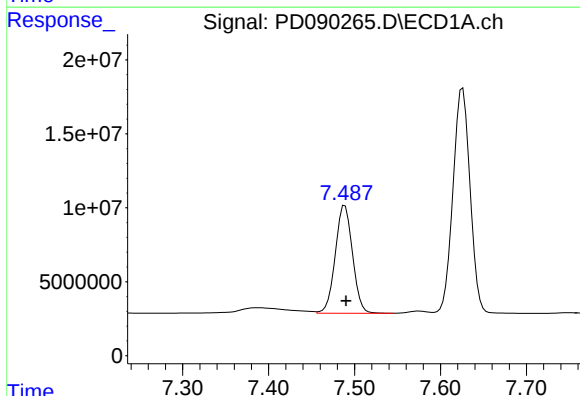
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Supervised By :mohammad ahmed 09/16/2025



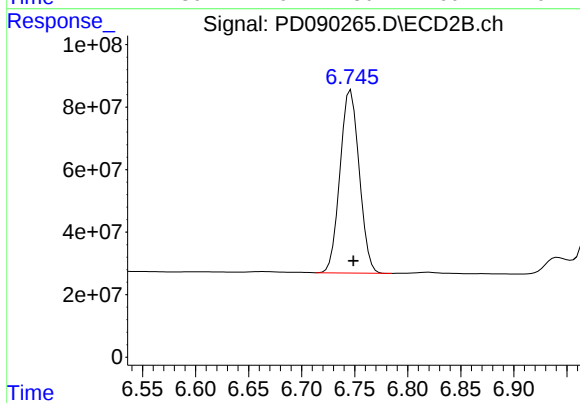
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 1370270982
Conc: 56.21 ng/ml



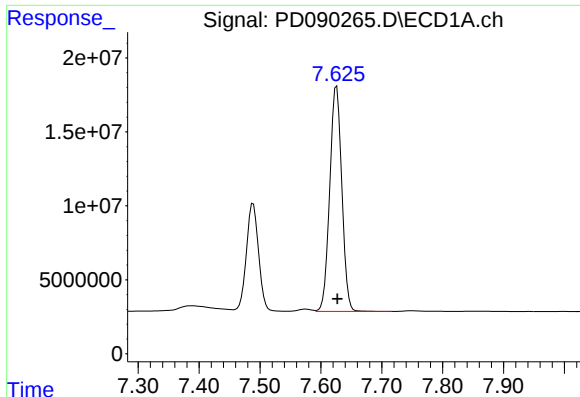
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 101679090
Conc: 50.70 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 736598224
Conc: 57.12 ng/ml



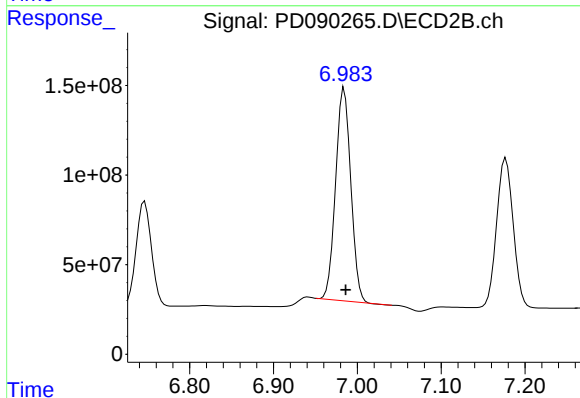
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 209782128
Conc: 50.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

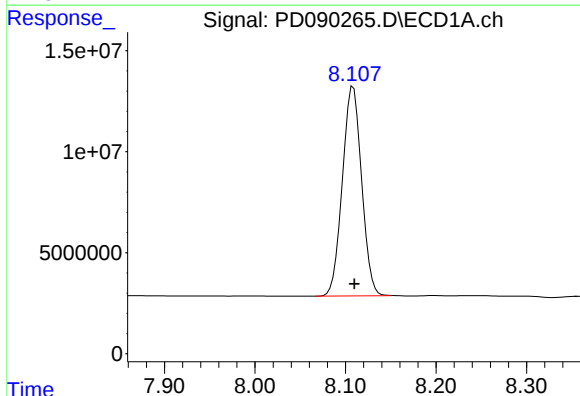
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



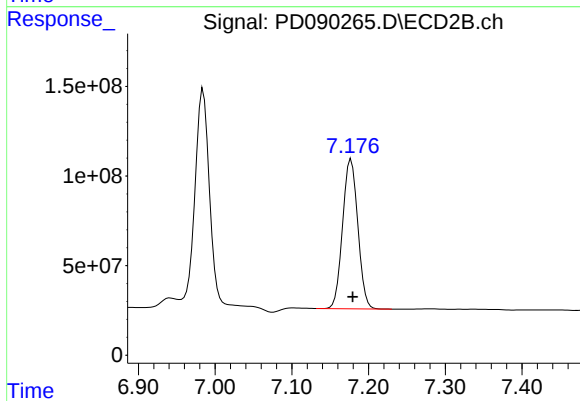
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1490881011
Conc: 55.95 ng/ml



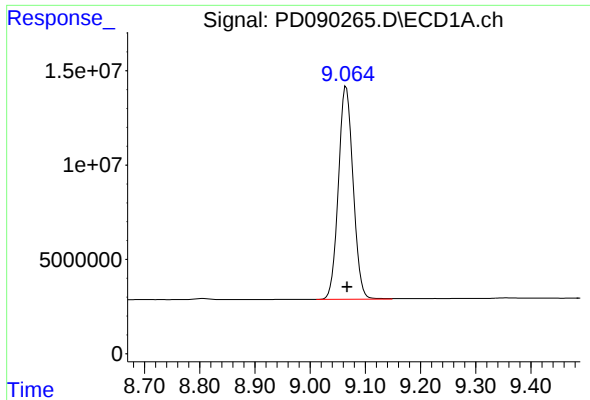
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.001 min
Response: 153178063
Conc: 48.56 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 1155039326
Conc: 55.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 208697910
Conc: 48.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

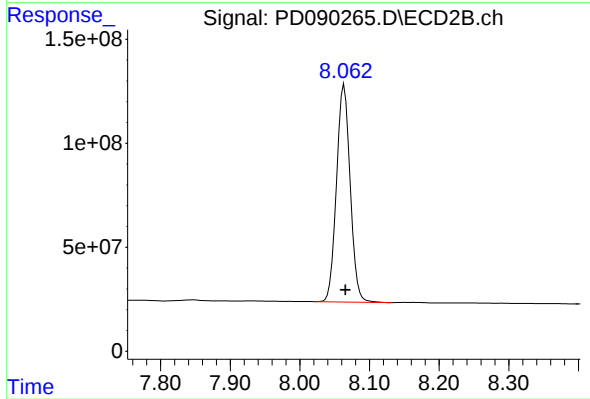
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/15/2025

Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 1429391676
Conc: 55.22 ng/ml