

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
 Data File : PD090584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 14:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 07:39:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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	2.875	166.6E6	1476.0E6	51.247	53.771
28)	SA Decachlor...	9.066	8.061	232.8E6	1498.1E6	48.257	46.218
Target Compounds							
2)	A alpha-BHC	3.995	3.387	384.2E6	2452.1E6	55.014	56.007
3)	MA gamma-BHC...	4.325	3.723	361.1E6	2261.0E6	54.579	55.505
4)	MA Heptachlor	4.924	4.075	293.6E6	2053.8E6	44.399	50.441
5)	MB Aldrin	5.265	4.361	344.2E6	2229.5E6	54.210	55.828
6)	B beta-BHC	4.512	4.019	136.2E6	948.9E6	52.776	54.741
7)	B delta-BHC	4.759	4.255	355.0E6	2279.3E6	54.969m	55.197
8)	B Heptachlo...	5.685	4.865	299.5E6	2004.7E6	52.399	54.380
9)	A Endosulfan I	6.068	5.238	282.7E6	1835.7E6	52.345	53.048
10)	B gamma-Chl...	5.940	5.117	305.4E6	2172.6E6	53.465	55.303
11)	B alpha-Chl...	6.021	5.182	302.7E6	2070.3E6	52.549	54.966
12)	B 4,4'-DDE	6.191	5.366	277.7E6	2114.9E6	53.319	55.251
13)	MA Dieldrin	6.341	5.504	303.6E6	2118.0E6	52.659	54.384
14)	MA Endrin	6.568	5.781	258.4E6	1948.9E6	52.805	54.391
15)	B Endosulfa...	6.781	6.072	258.8E6	1803.2E6	53.064	53.427
16)	A 4,4'-DDD	6.700	5.921	217.4E6	1742.7E6	53.043	53.740
17)	MA 4,4'-DDT	7.016	6.174	204.8E6	1647.7E6	46.001	47.927
18)	B Endrin al...	6.910	6.250	178.6E6	1266.5E6	52.058	53.788
19)	B Endosulfa...	7.144	6.474	226.3E6	1661.3E6	49.184	50.819
20)	A Methoxychlor	7.488	6.745	99442026	774.8E6	42.199	44.525
21)	B Endrin ke...	7.625	6.983	243.3E6	1790.4E6	49.182	49.591
22)	Mirex	8.108	7.176	175.4E6	1339.8E6	47.342	48.531

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 14:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

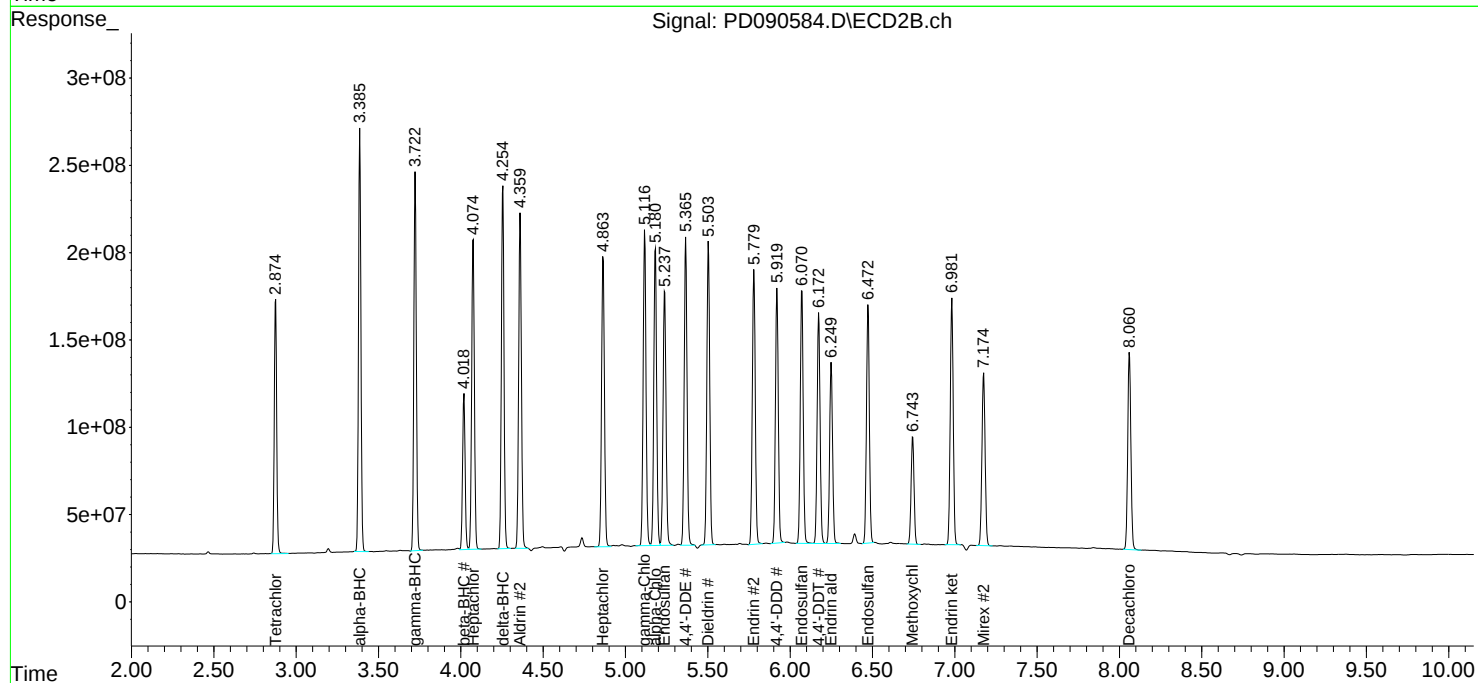
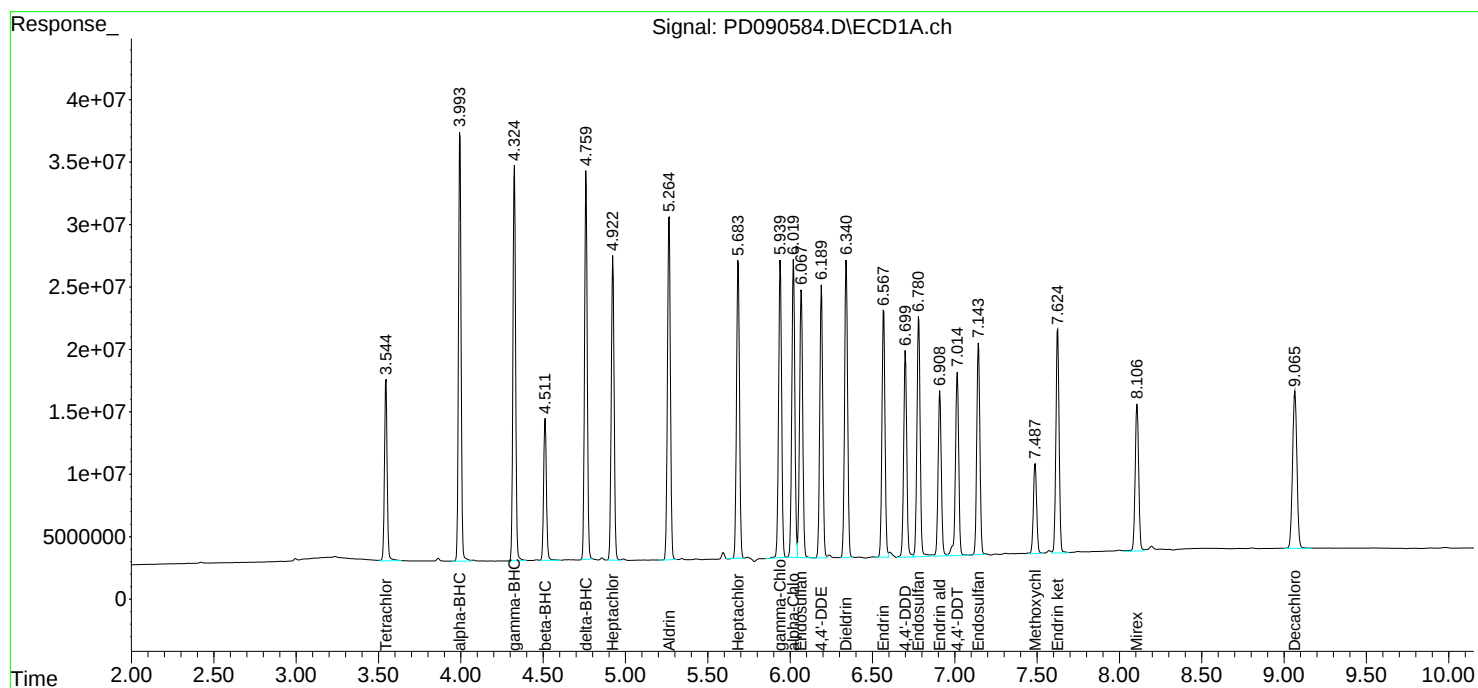
APPROVED

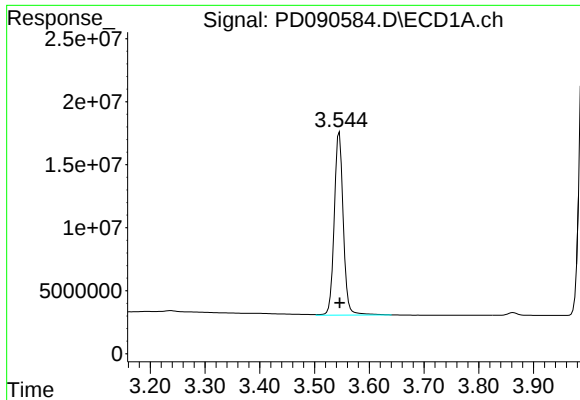
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:39:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





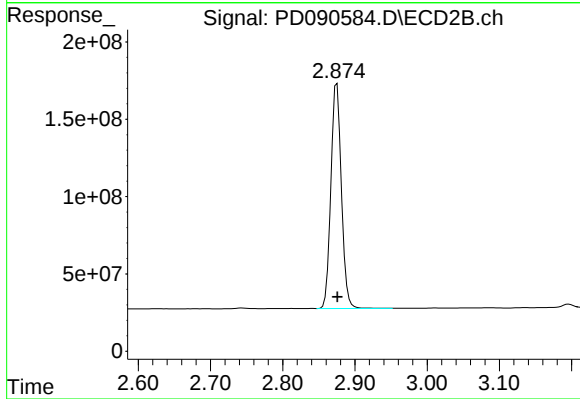
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 166574724
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

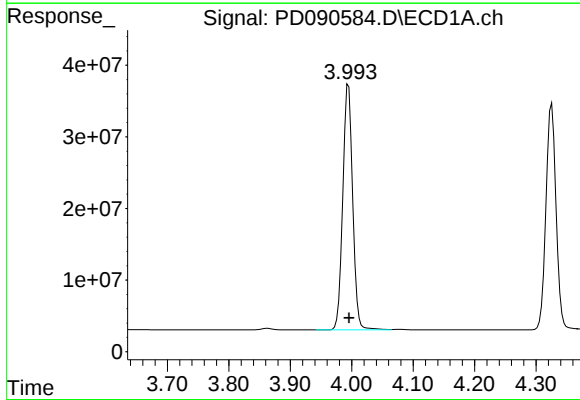
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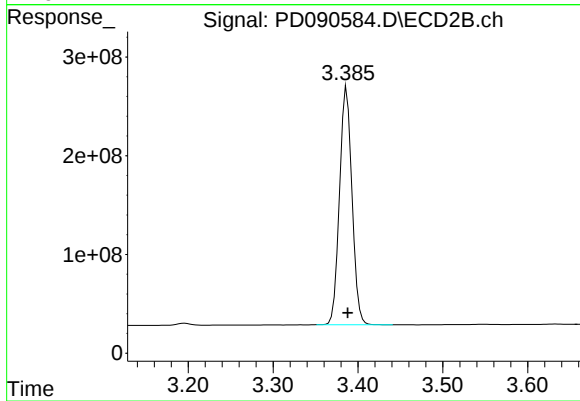
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 1476012624
Conc: 53.77 ng/ml



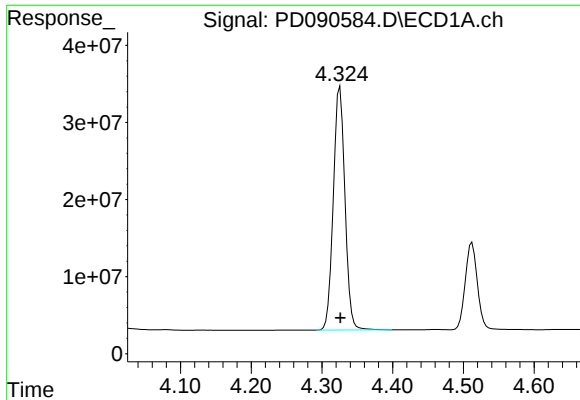
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 384247089
Conc: 55.01 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 2452139137
Conc: 56.01 ng/ml



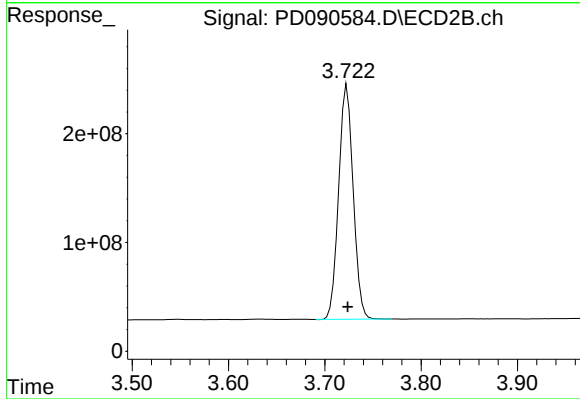
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 361141078
Conc: 54.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

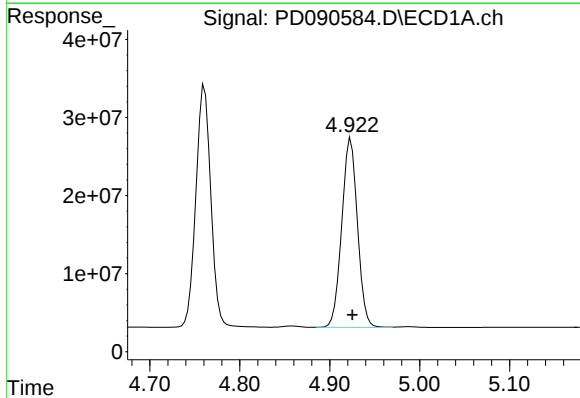
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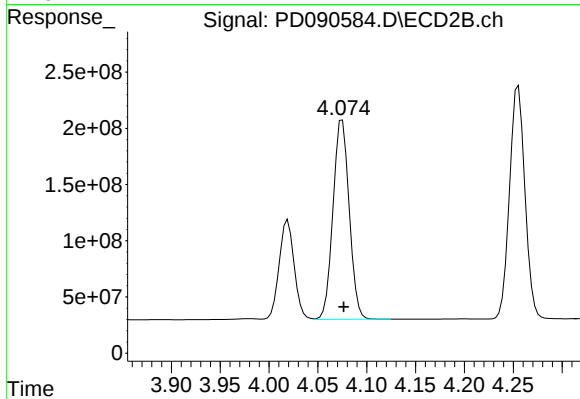
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2261016383
Conc: 55.50 ng/ml



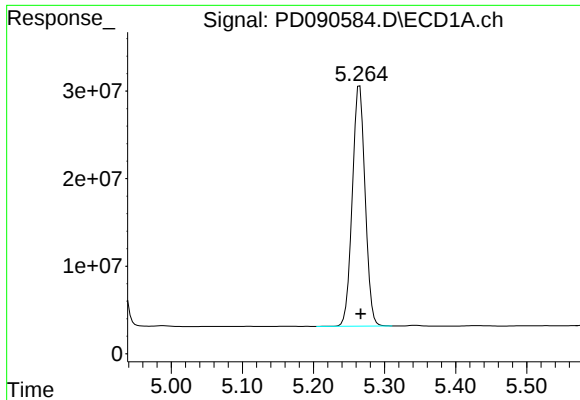
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.002 min
Response: 293589073
Conc: 44.40 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 2053801820
Conc: 50.44 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 344229124
Conc: 54.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

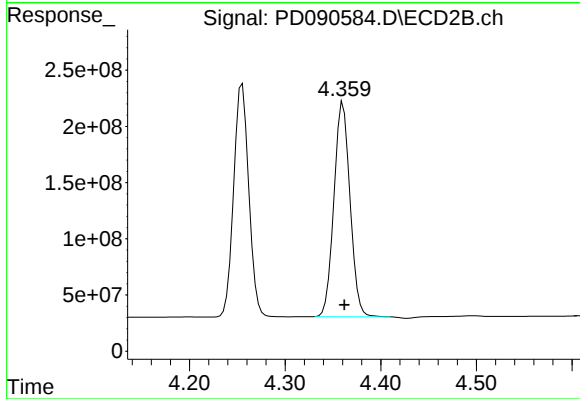
PSTDCCC050

Manual Integrations

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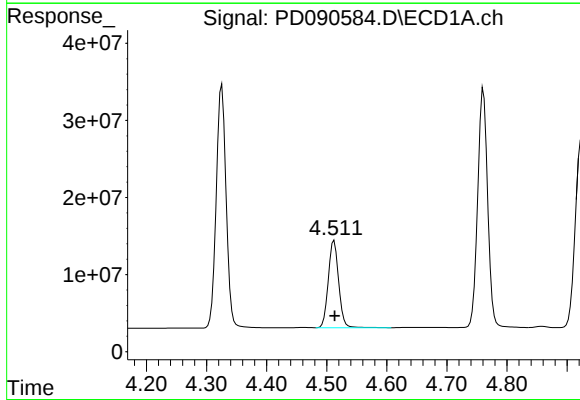
Reviewed By :Abdul Mirza 10/15/2025

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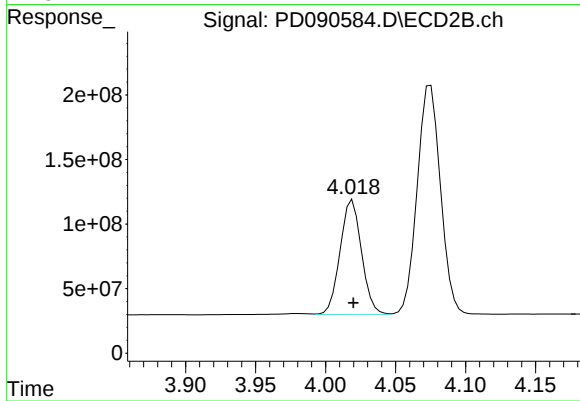
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 2229470290
Conc: 55.83 ng/ml



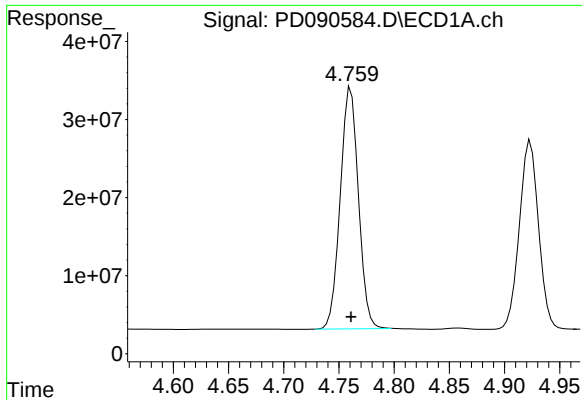
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 136157213
Conc: 52.78 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 948944137
Conc: 54.74 ng/ml



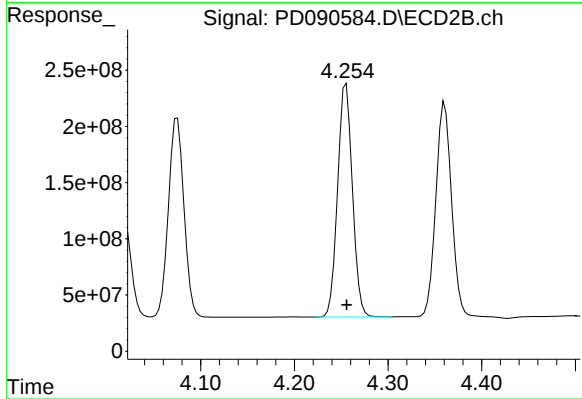
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 354965085
Conc: 54.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

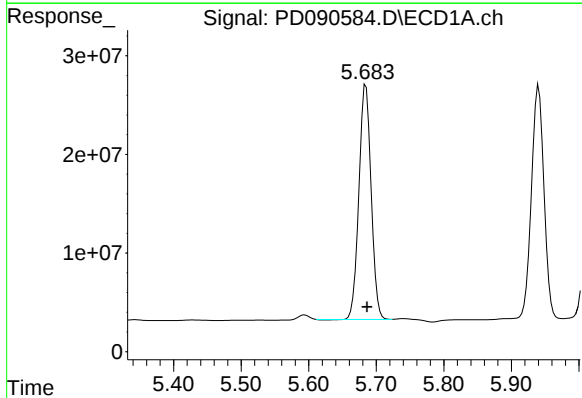
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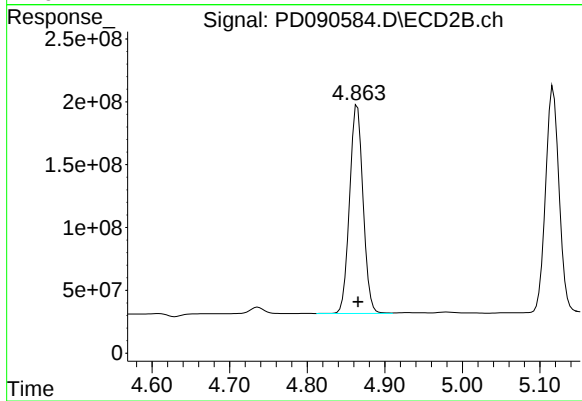
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2279332016
Conc: 55.20 ng/ml



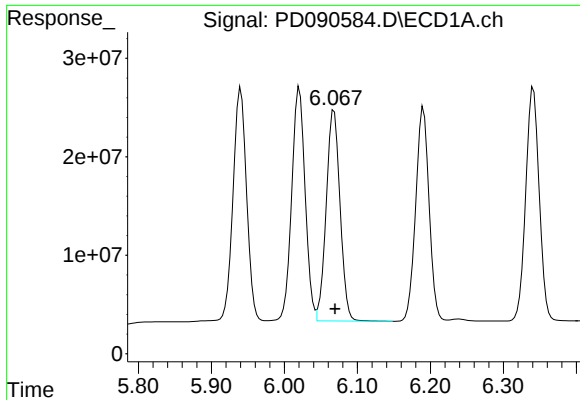
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 299455618
Conc: 52.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 2004719226
Conc: 54.38 ng/ml



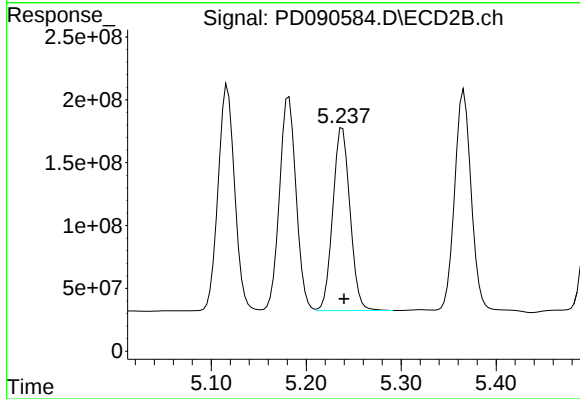
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 282741891
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

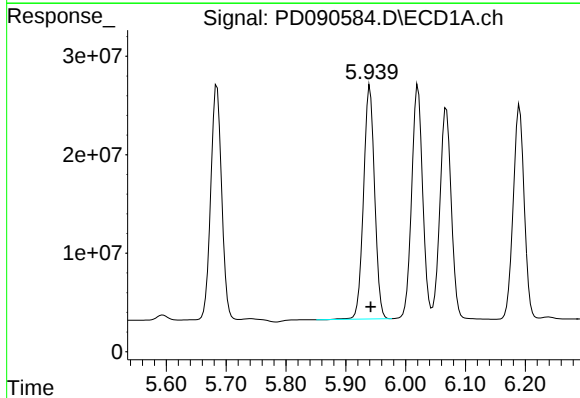
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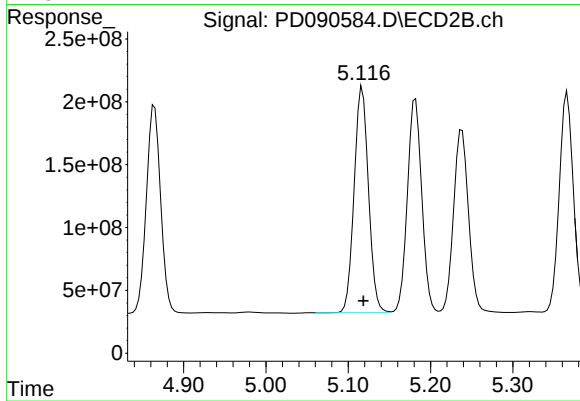
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1835733359
Conc: 53.05 ng/ml



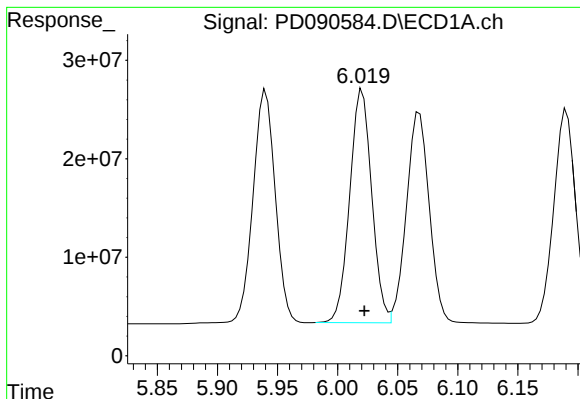
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 305388023
Conc: 53.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 2172647127
Conc: 55.30 ng/ml



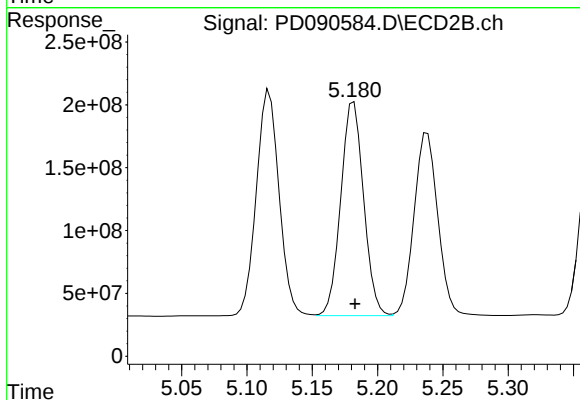
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 302728905
Conc: 52.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

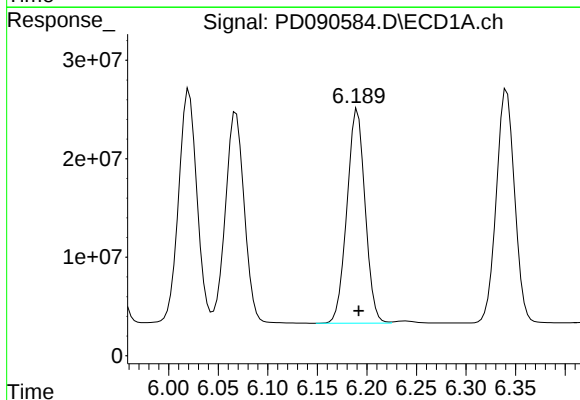
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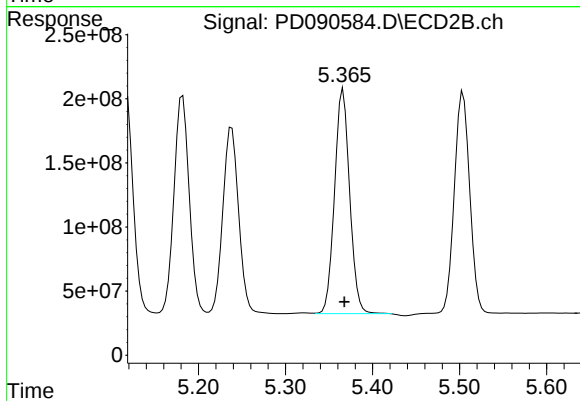
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 2070320698
Conc: 54.97 ng/ml



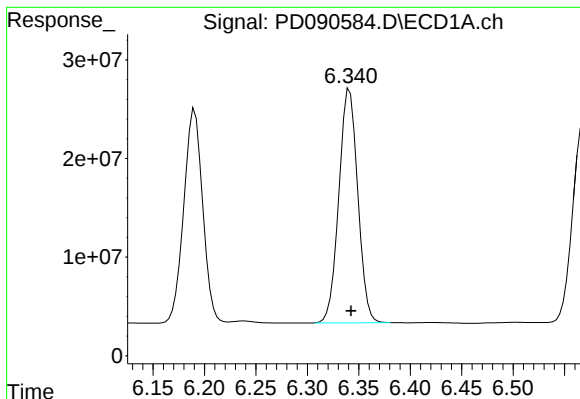
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 277658314
Conc: 53.32 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 2114939520
Conc: 55.25 ng/ml



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 303564016
Conc: 52.66 ng/ml

Instrument :

ECD_D

ClientSampleId :

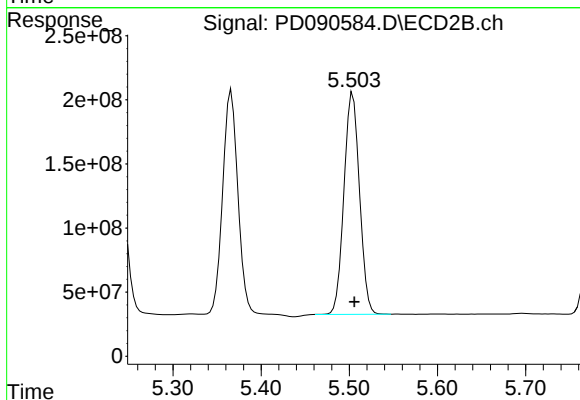
PSTDCCC050

Manual Integrations

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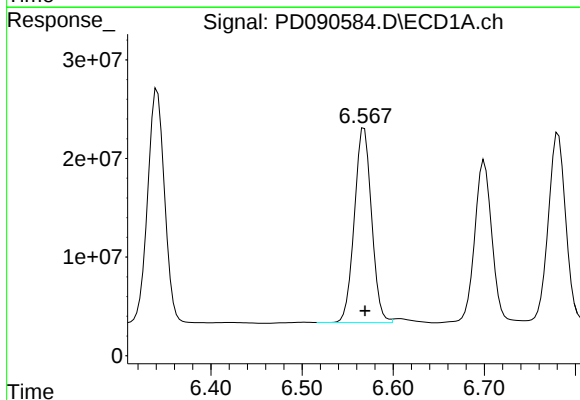
Reviewed By :Abdul Mirza 10/15/2025

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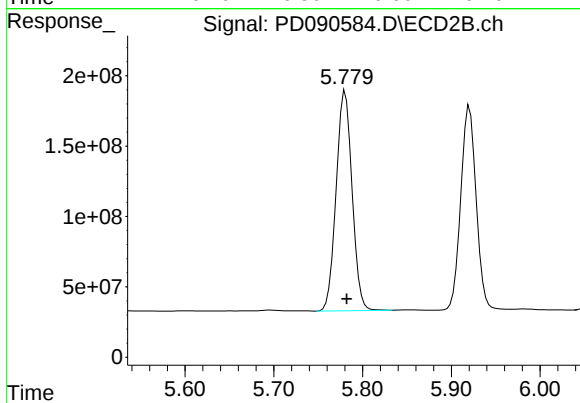
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 2118021283
Conc: 54.38 ng/ml



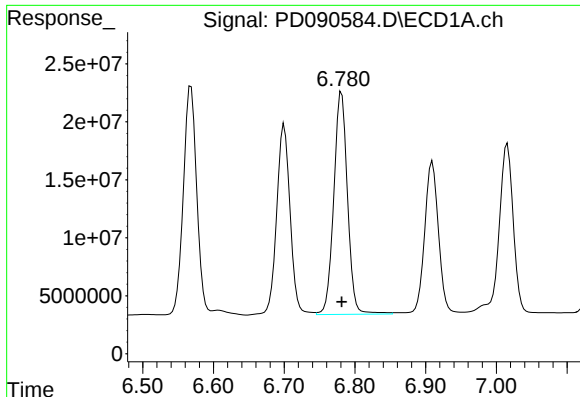
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 258425953
Conc: 52.81 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 1948932330
Conc: 54.39 ng/ml



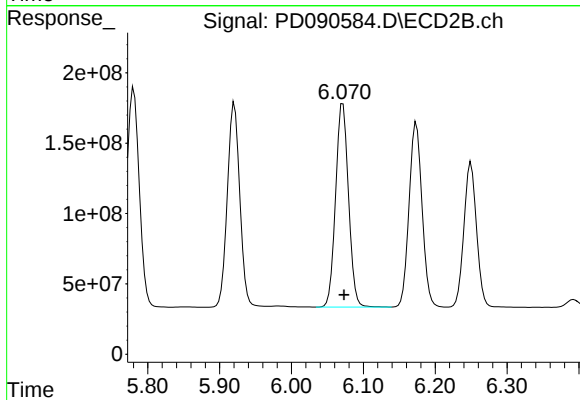
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 258836110
Conc: 53.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

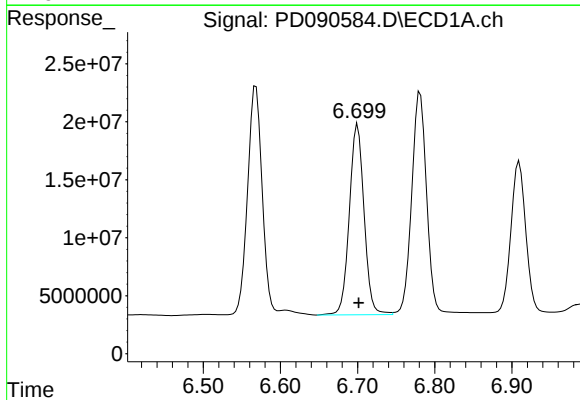
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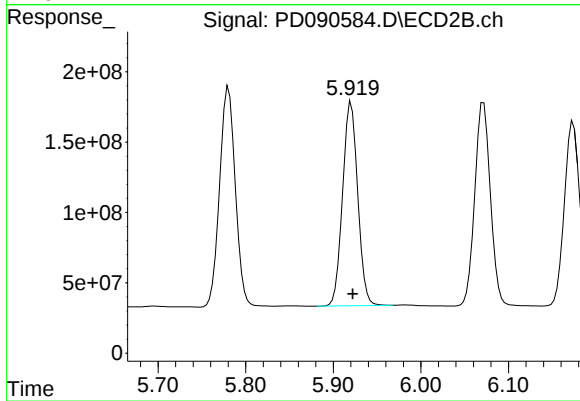
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1803203218
Conc: 53.43 ng/ml



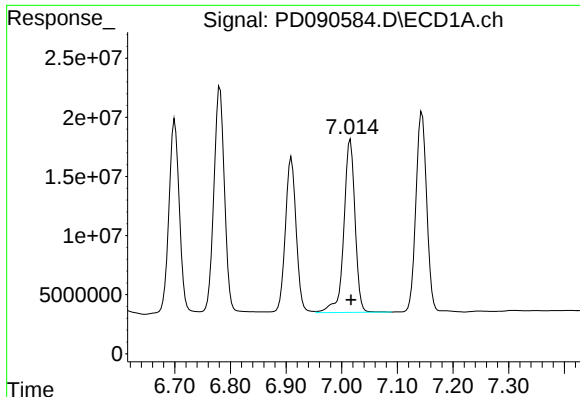
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 217358957
Conc: 53.04 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 1742669246
Conc: 53.74 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 204815481
Conc: 46.00 ng/ml

Instrument :

ECD_D

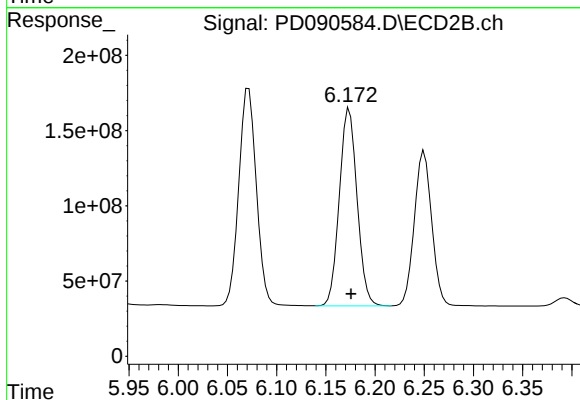
ClientSampleId :

PSTDCCC050

Manual Integrations

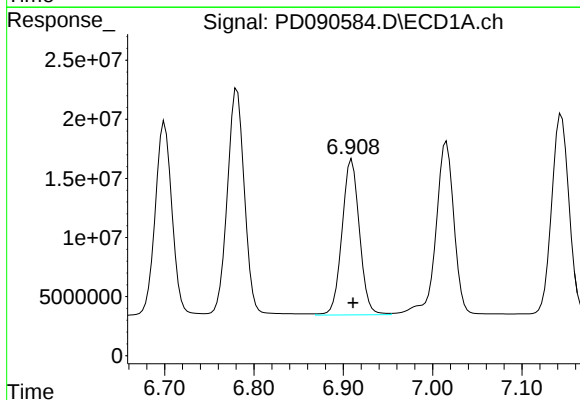
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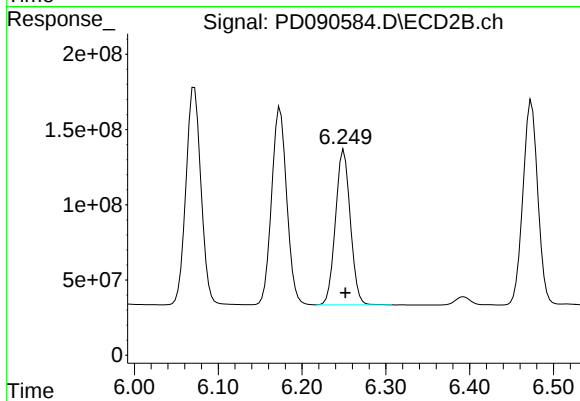
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1647679302
Conc: 47.93 ng/ml



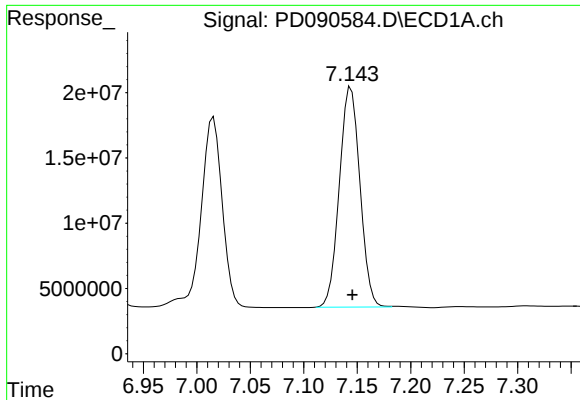
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.002 min
Response: 178591175
Conc: 52.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1266526007
Conc: 53.79 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 226262023
Conc: 49.18 ng/ml

Instrument :

ECD_D

ClientSampleId :

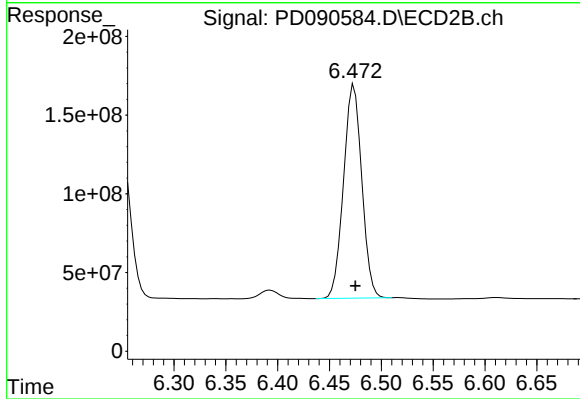
PSTDCCC050

Manual Integrations

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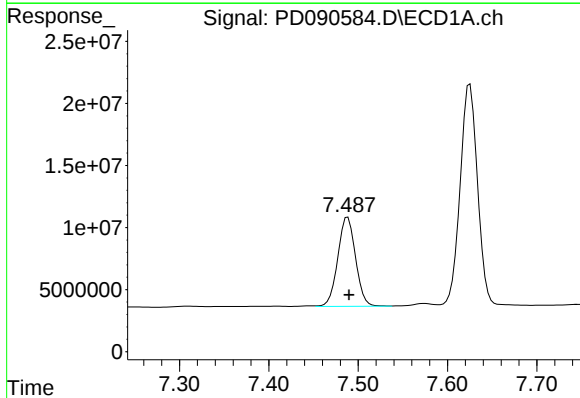
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/16/2025



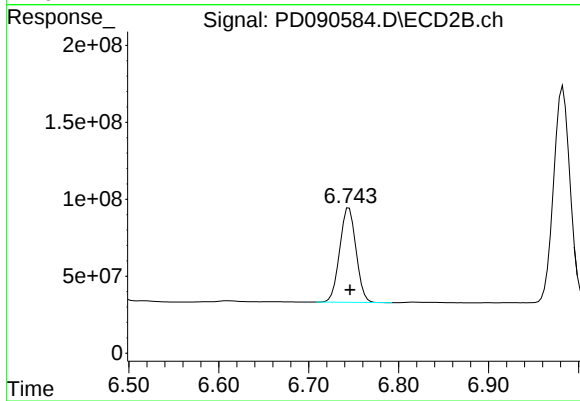
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 1661280162
Conc: 50.82 ng/ml



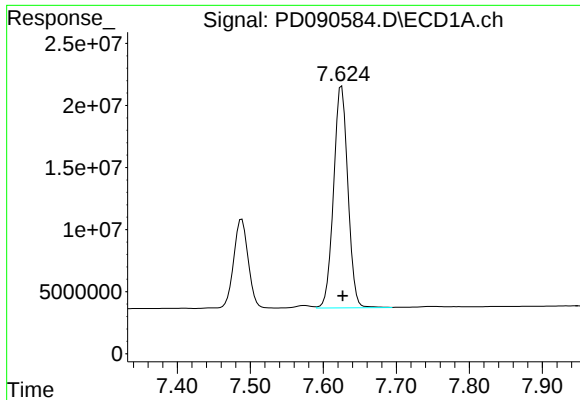
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 99442026
Conc: 42.20 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 774759665
Conc: 44.53 ng/ml



#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 243322208
Conc: 49.18 ng/ml

Instrument :

ECD_D

ClientSampleId :

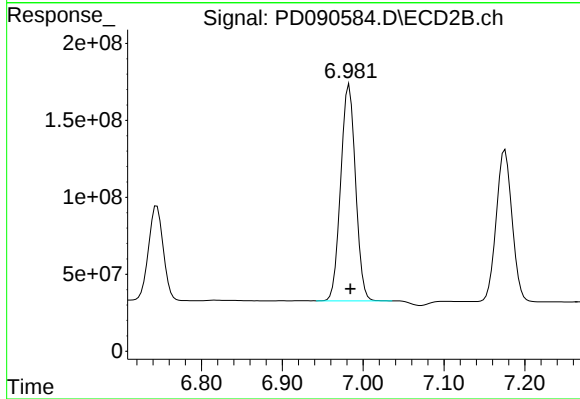
PSTDCCC050

Manual Integrations

APPROVED

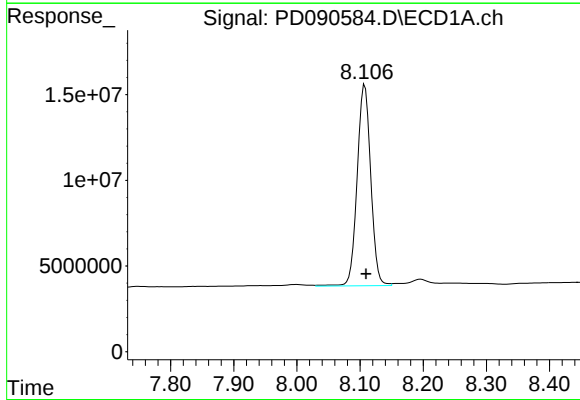
Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/16/2025



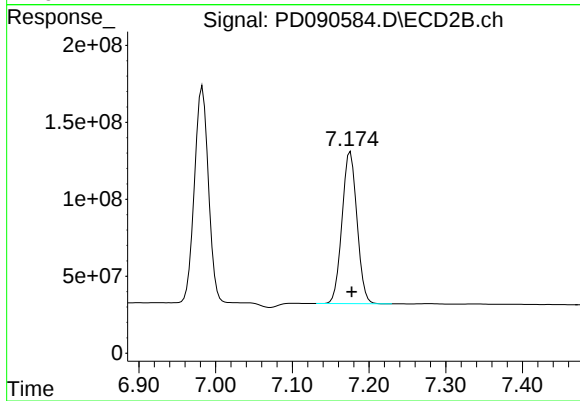
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1790376146
Conc: 49.59 ng/ml



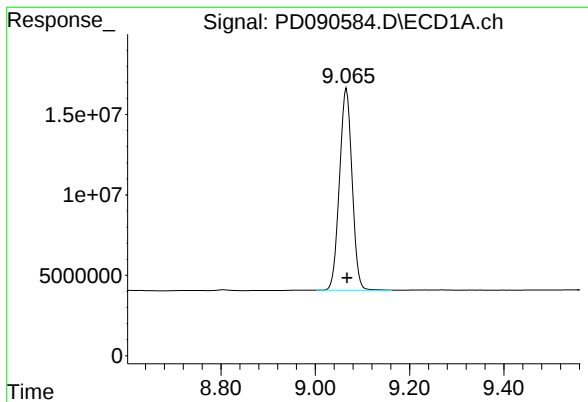
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 175394388
Conc: 47.34 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 1339761442
Conc: 48.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 232841212
Conc: 48.26 ng/ml

Instrument :

ECD_D

ClientSampleId :

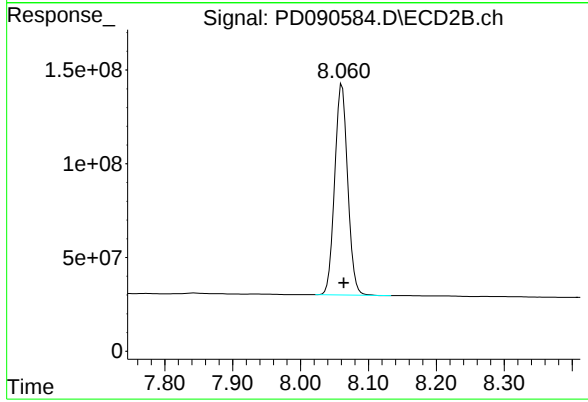
PSTDCCC050

Manual Integrations

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Reviewed By :Abdul Mirza 10/15/2025

Supervised By :mohammad ahmed 10/16/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 1498143277
Conc: 46.22 ng/ml