

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 16:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/09/2025
 Supervised By : mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:42:45 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...	3.555	2.877	148.8E6	1133.8E6	50.694	51.417
28)	SA Decachlor...	9.075	8.066	198.9E6	1051.9E6	46.096	40.635
Target Compounds							
2)	A alpha-BHC	4.004	3.389	332.8E6	1808.1E6	55.449	53.275
3)	MA gamma-BHC...	4.335	3.726	315.8E6	1659.9E6	55.151	53.251
4)	MA Heptachlor	4.933	4.078	290.7E6	1588.5E6	51.820	50.928
5)	MB Aldrin	5.275	4.363	287.7E6	1615.3E6	53.132	53.037
6)	B beta-BHC	4.522	4.021	119.0E6	702.5E6	53.032	52.702
7)	B delta-BHC	4.768	4.258	307.1E6	1676.9E6	59.320m	53.150
8)	B Heptachlo...	5.695	4.867	253.0E6	1442.5E6	51.559	52.087
9)	A Endosulfan I	6.078	5.242	236.8E6	1350.1E6	51.307	51.489
10)	B gamma-Chl...	5.950	5.120	258.5E6	1538.9E6	52.849	51.971
11)	B alpha-Chl...	6.031	5.184	254.8E6	1466.5E6	51.772	51.388
12)	B 4,4'-DDE	6.200	5.370	225.2E6	1474.6E6	51.311	51.161
13)	MA Dieldrin	6.351	5.507	248.4E6	1500.7E6	50.739	51.241
14)	MA Endrin	6.578	5.784	183.9E6	1225.3E6	44.372	46.007
15)	B Endosulfa...	6.790	6.075	206.9E6	1255.9E6	49.023	49.652
16)	A 4,4'-DDD	6.709	5.924	177.3E6	1263.5E6	51.262	52.551
17)	MA 4,4'-DDT	7.025	6.178	161.8E6	1120.9E6	42.481	44.712
18)	B Endrin al...	6.919	6.253	144.9E6	879.6E6	50.549	51.083
19)	B Endosulfa...	7.154	6.477	187.4E6	1169.3E6	47.822	47.961
20)	A Methoxychlor	7.497	6.748	89482759	603.7E6	44.616	46.817
21)	B Endrin ke...	7.632	6.986	200.5E6	1266.6E6	48.388m	47.539
22)	Mirex	8.116	7.179	140.1E6	893.6E6	44.426	43.260

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 16:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

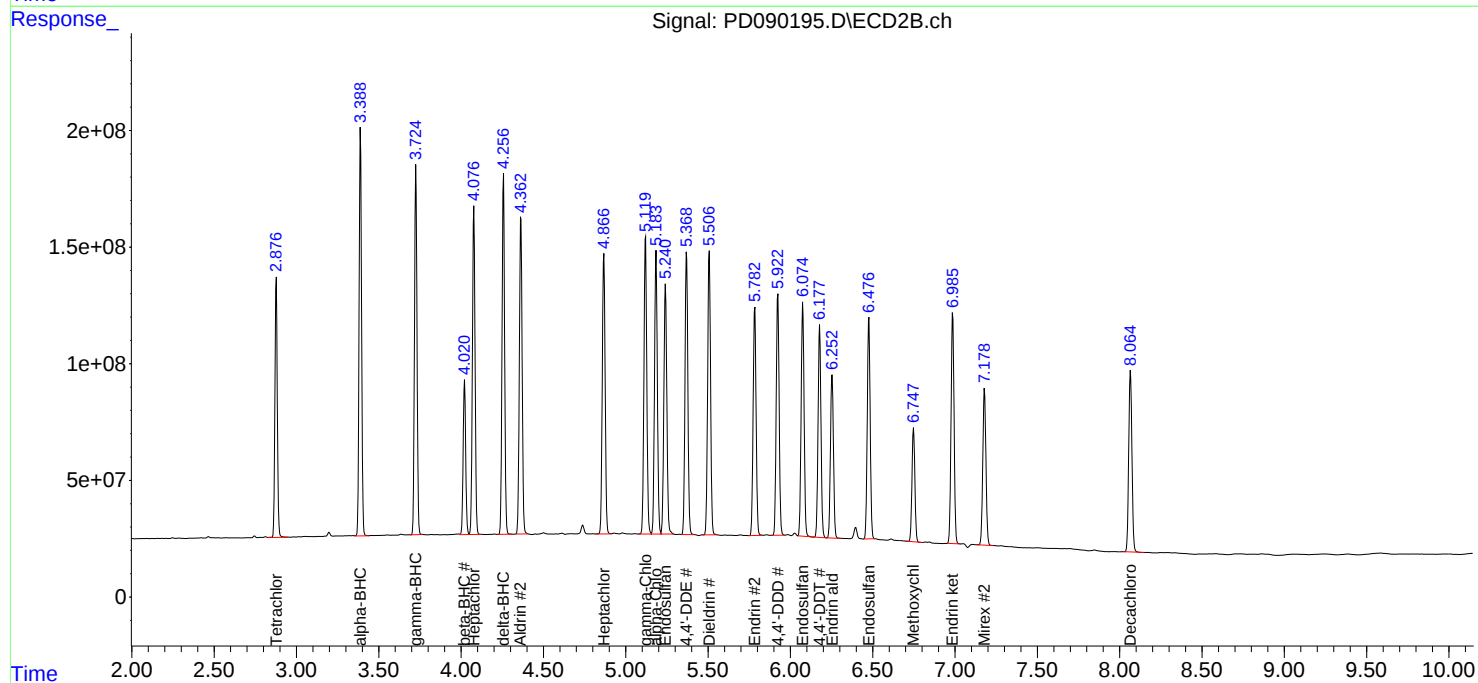
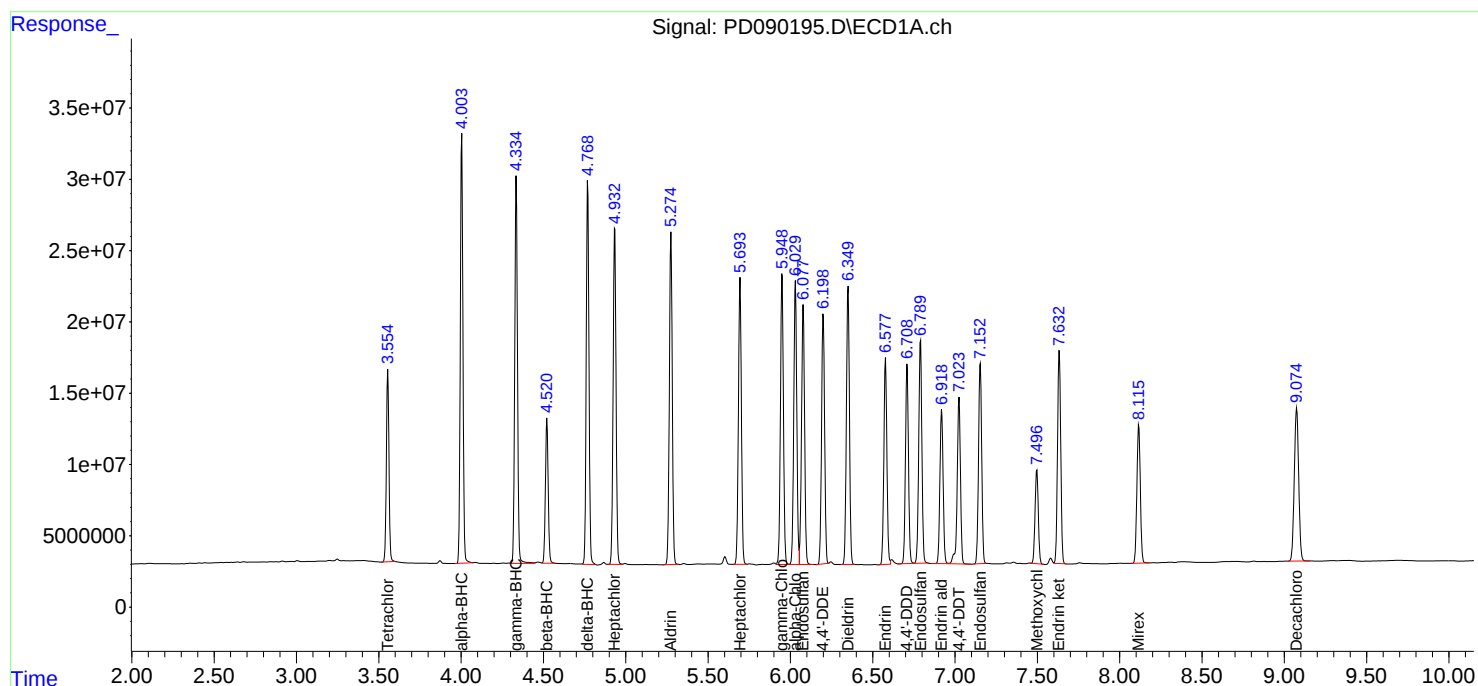
APPROVED

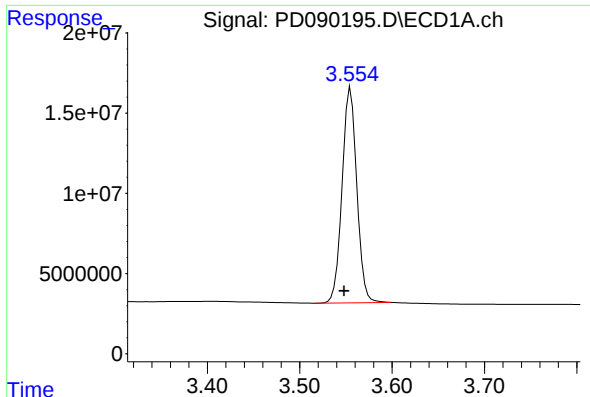
Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 01:42:45 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





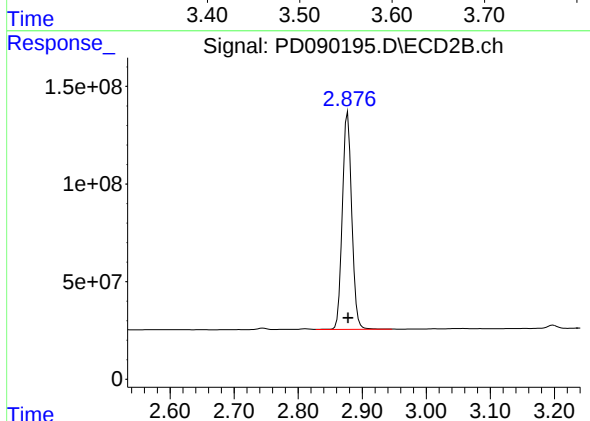
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.007 min
Response: 148778855
Conc: 50.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

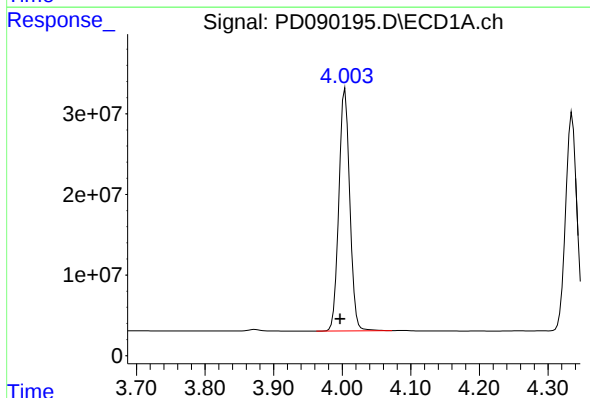
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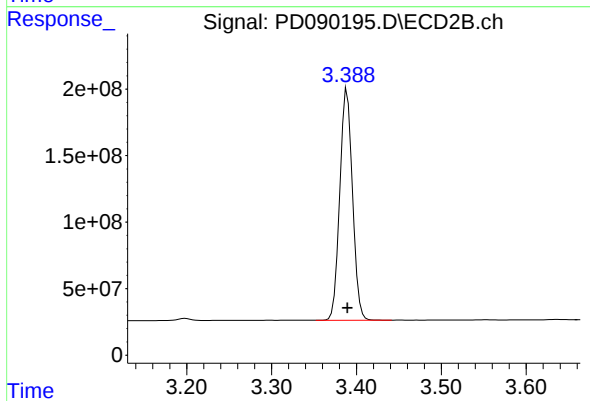
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1133783032
Conc: 51.42 ng/ml



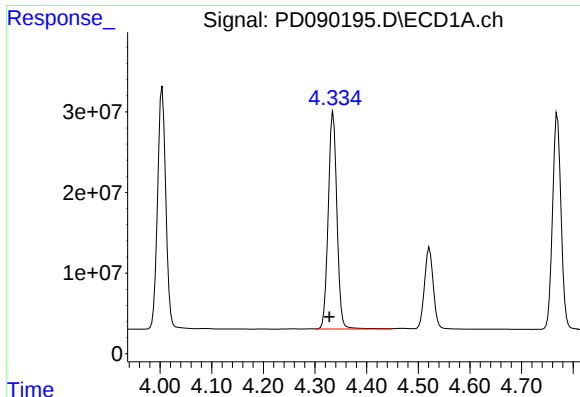
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.007 min
Response: 332818710
Conc: 55.45 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1808088910
Conc: 53.27 ng/ml



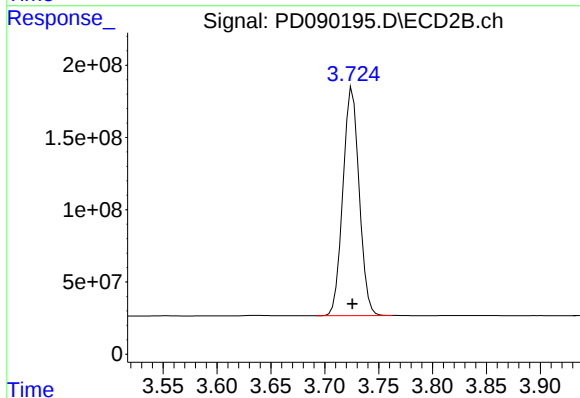
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.007 min
Response: 315843877
Conc: 55.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

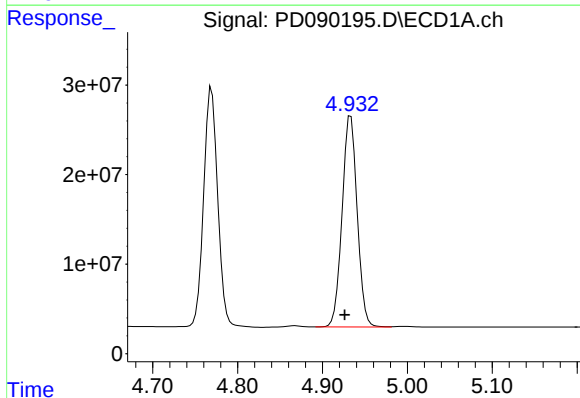
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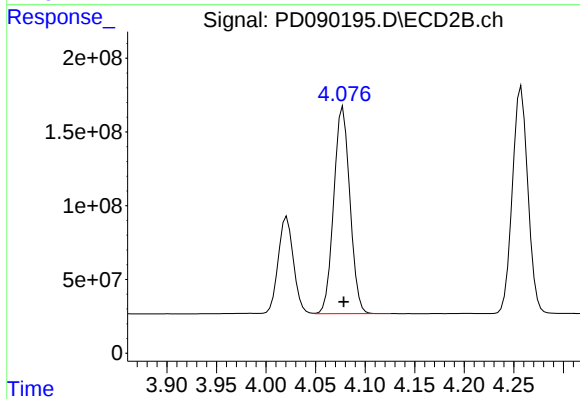
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1659874307
Conc: 53.25 ng/ml



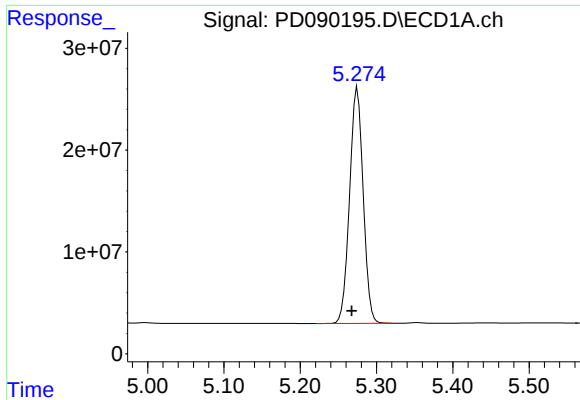
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.007 min
Response: 290666752
Conc: 51.82 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1588542917
Conc: 50.93 ng/ml



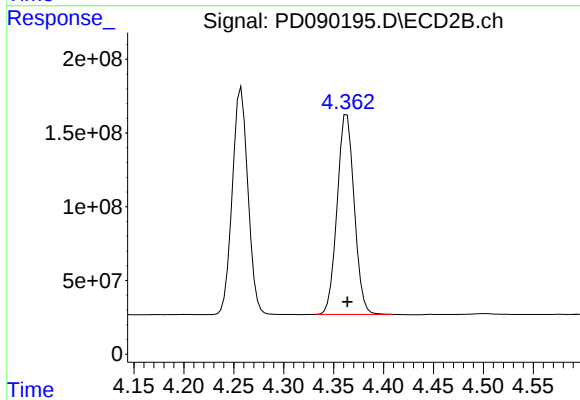
#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.008 min
Response: 287686302
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

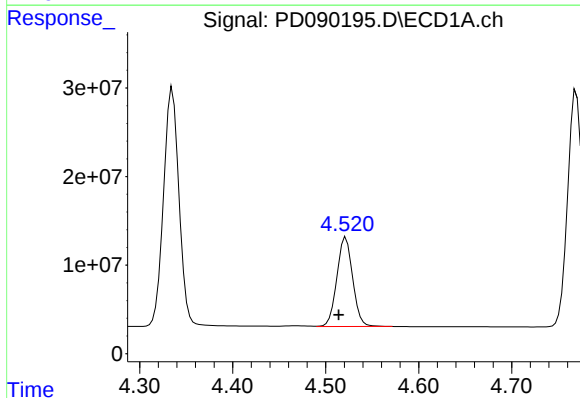
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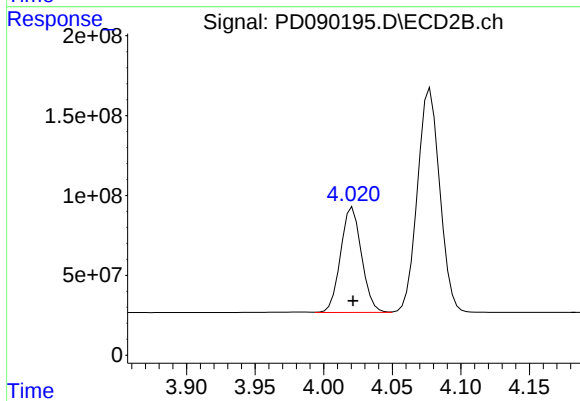
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1615273196
Conc: 53.04 ng/ml



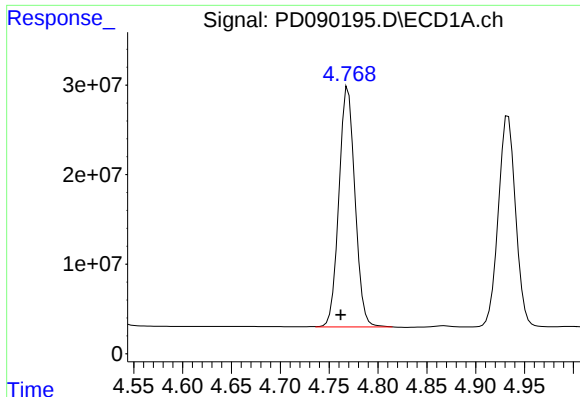
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.008 min
Response: 118951422
Conc: 53.03 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 702527339
Conc: 52.70 ng/ml



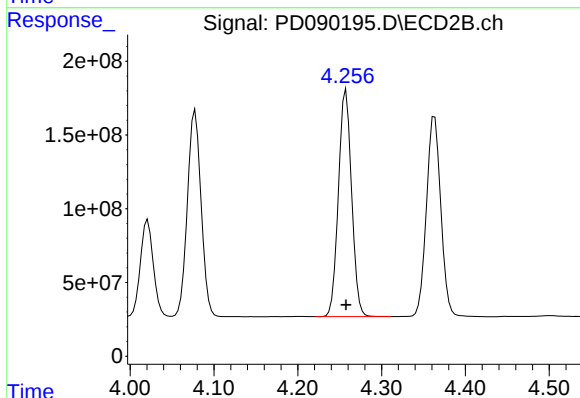
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.006 min
Response: 307142269
Conc: 59.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

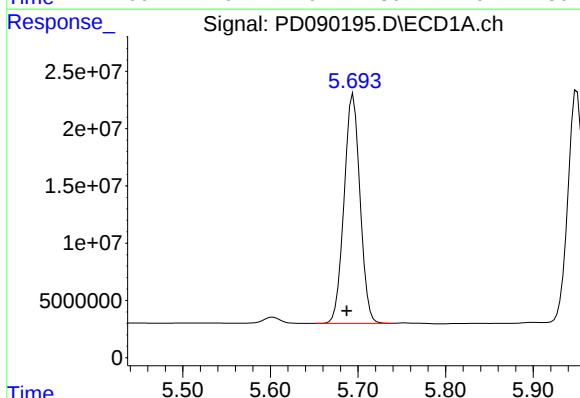
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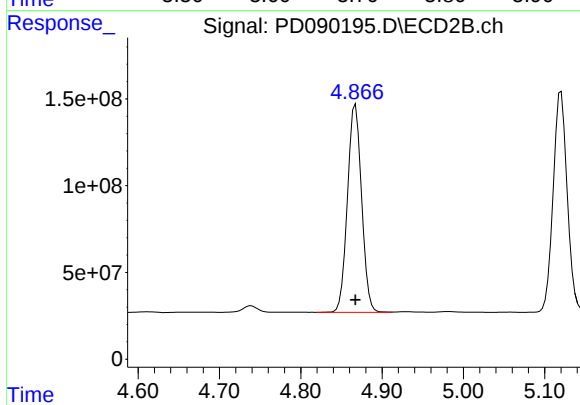
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1676881380
Conc: 53.15 ng/ml



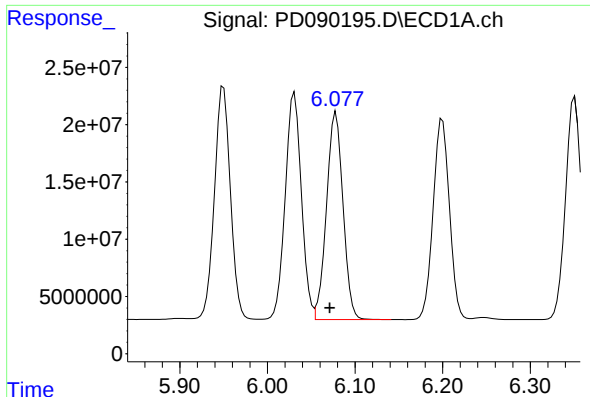
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.007 min
Response: 252990485
Conc: 51.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1442530717
Conc: 52.09 ng/ml



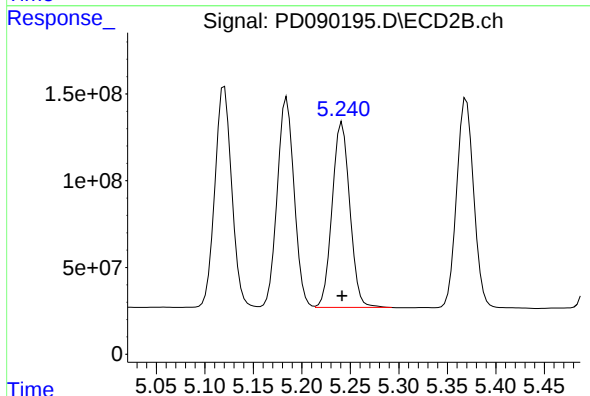
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.007 min
Response: 236774763
Conc: 51.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

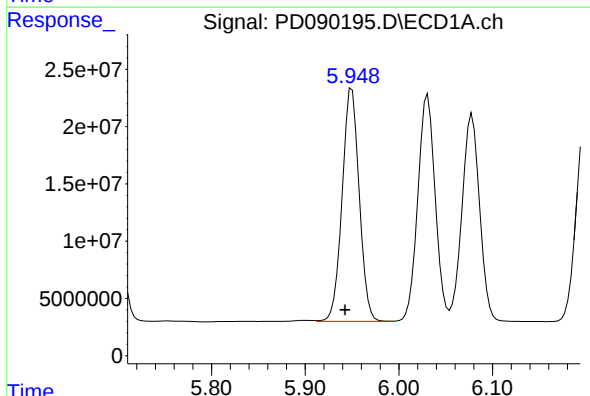
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Supervised By :mohammad ahmed 09/10/2025



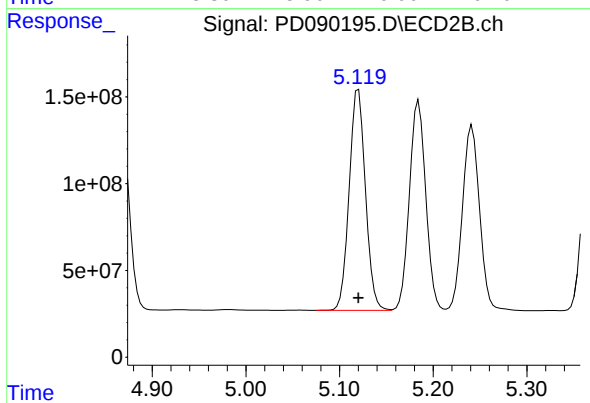
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1350145623
Conc: 51.49 ng/ml



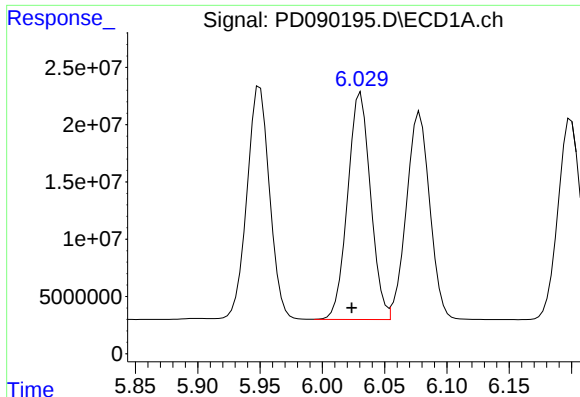
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.007 min
Response: 258482812
Conc: 52.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1538917800
Conc: 51.97 ng/ml



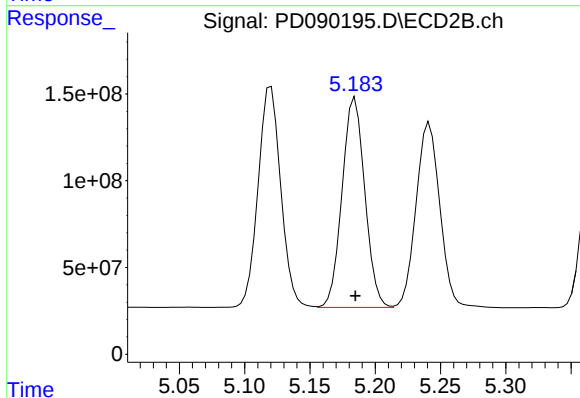
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 254841635
Conc: 51.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

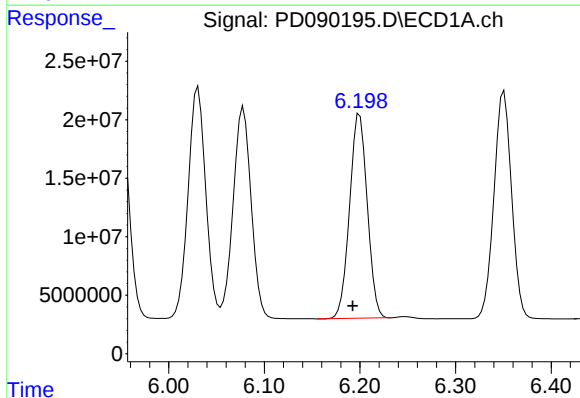
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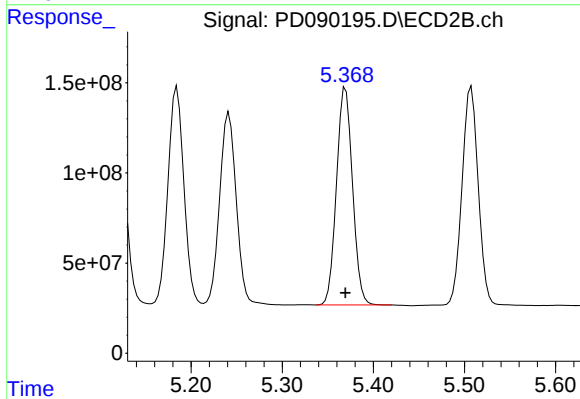
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 1466510906
Conc: 51.39 ng/ml



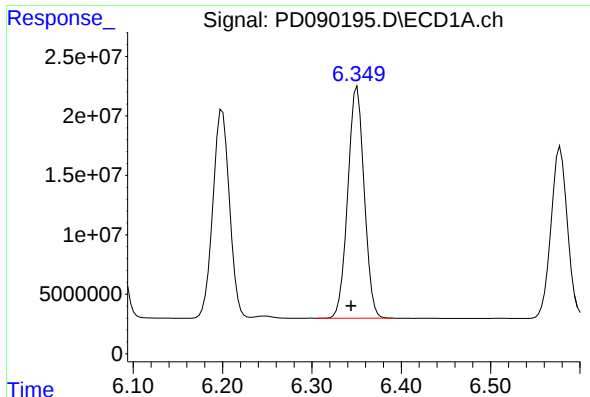
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 225166905
Conc: 51.31 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1474600686
Conc: 51.16 ng/ml



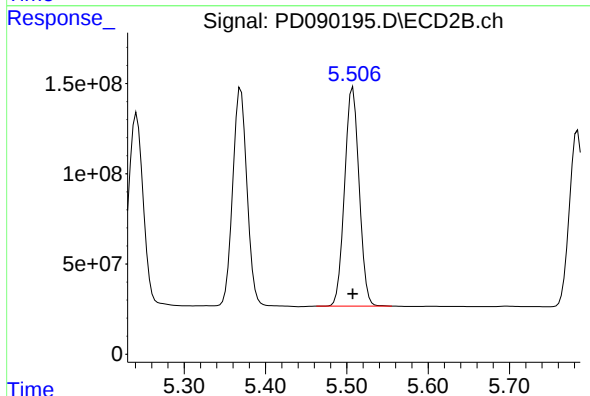
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.007 min
Response: 248404287
Conc: 50.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

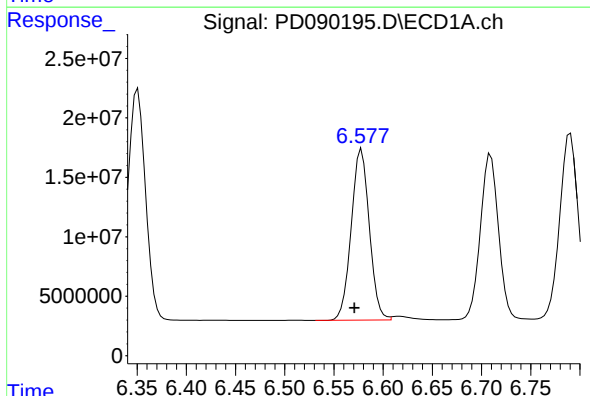
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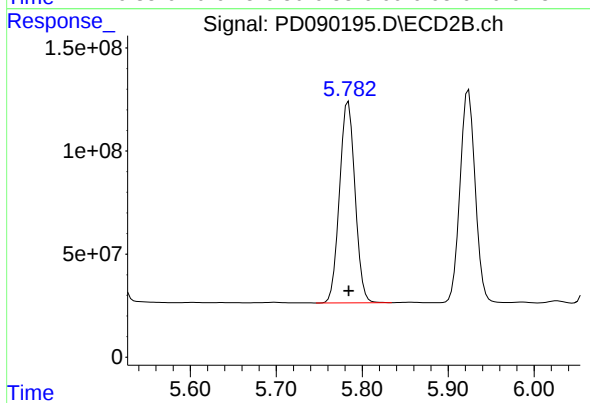
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1500691739
Conc: 51.24 ng/ml



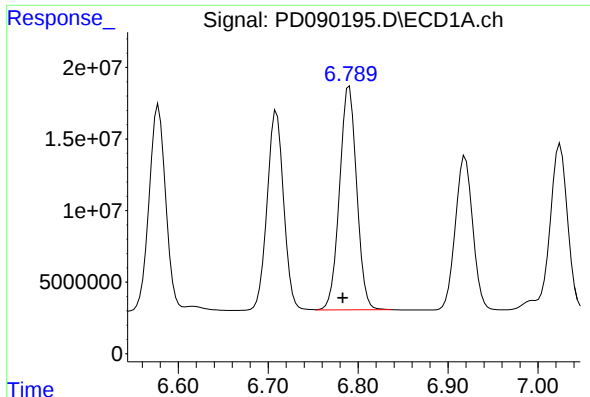
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.007 min
Response: 183856768
Conc: 44.37 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1225256786
Conc: 46.01 ng/ml



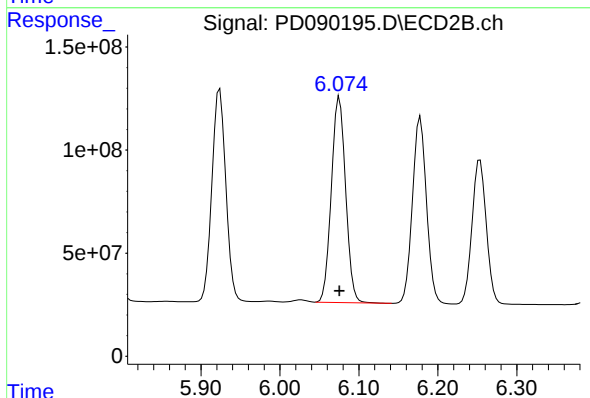
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.007 min
Response: 206865555
Conc: 49.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

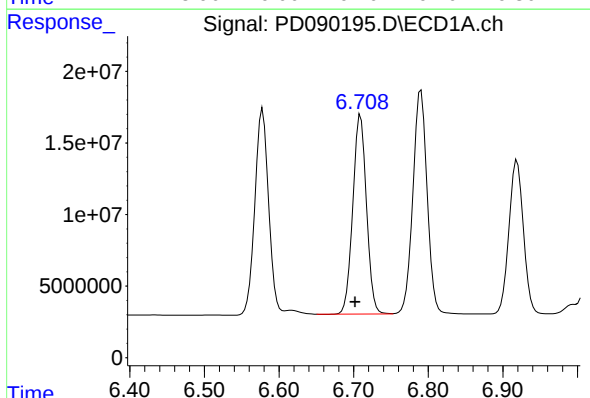
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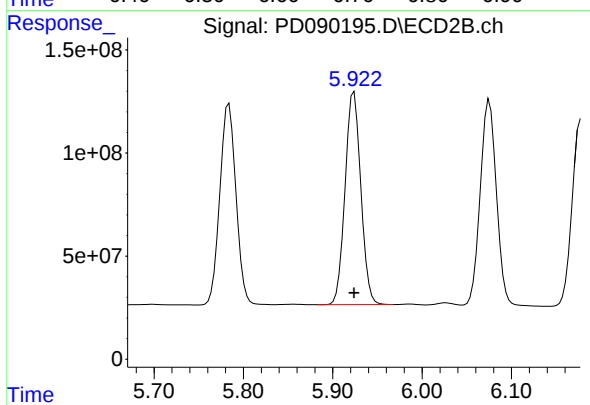
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1255921031
Conc: 49.65 ng/ml



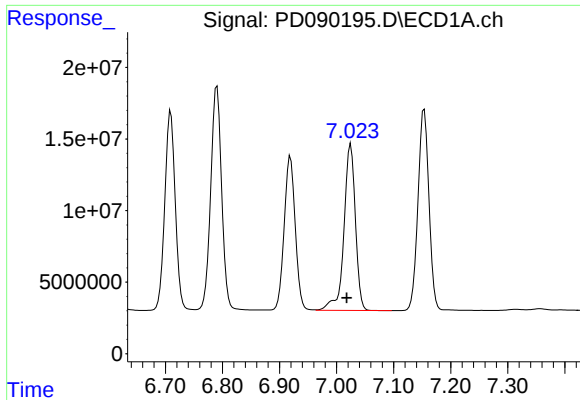
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 177321187
Conc: 51.26 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1263523959
Conc: 52.55 ng/ml



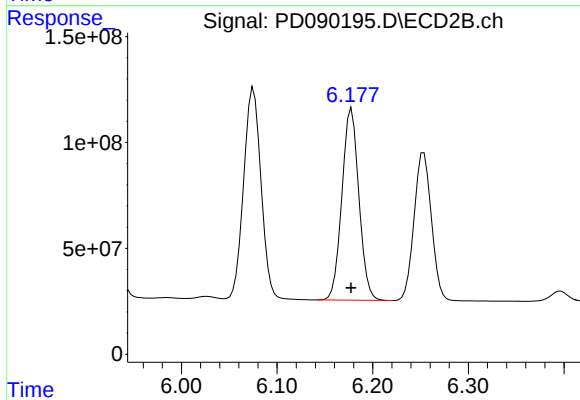
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.007 min
Response: 161840536
Conc: 42.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

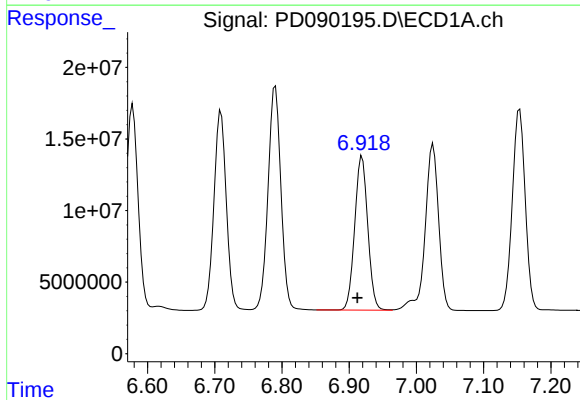
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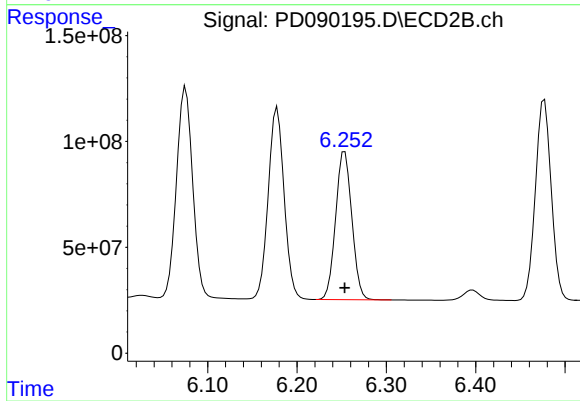
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1120921957
Conc: 44.71 ng/ml



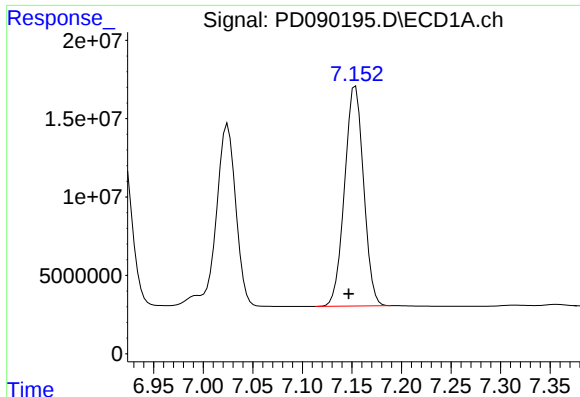
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 144930525
Conc: 50.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 879647042
Conc: 51.08 ng/ml



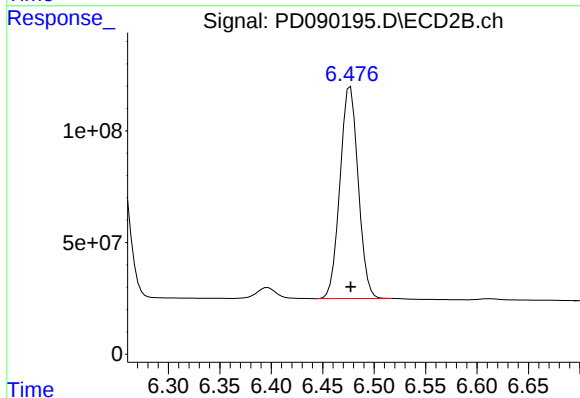
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.007 min
Response: 187388656
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

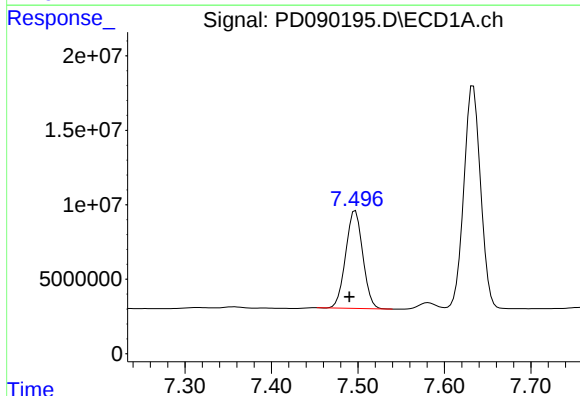
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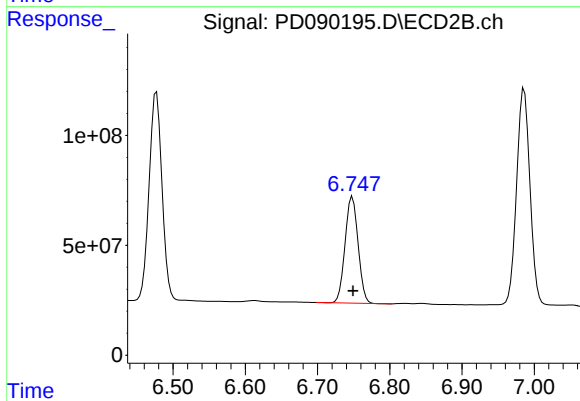
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 1169274232
Conc: 47.96 ng/ml



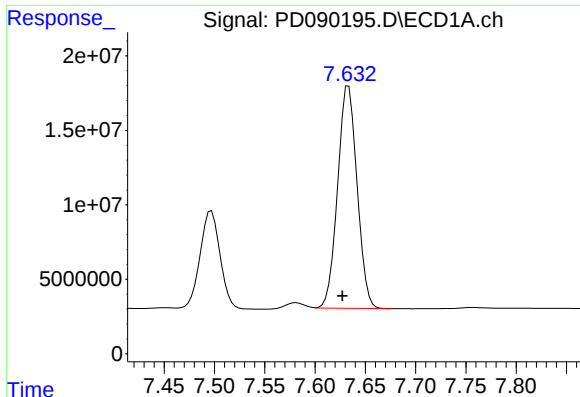
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.007 min
Response: 89482759
Conc: 44.62 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 603744960
Conc: 46.82 ng/ml



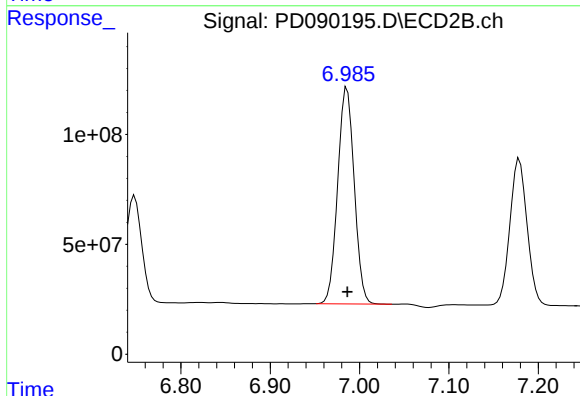
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 200546989
Conc: 48.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

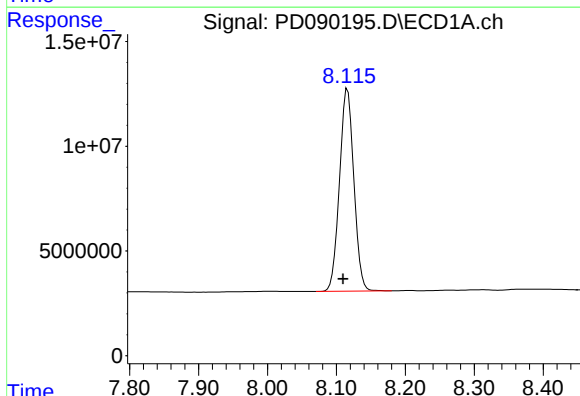
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/10/2025



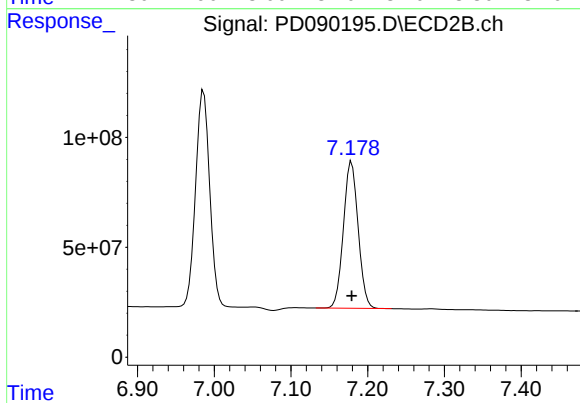
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1266647406
Conc: 47.54 ng/ml



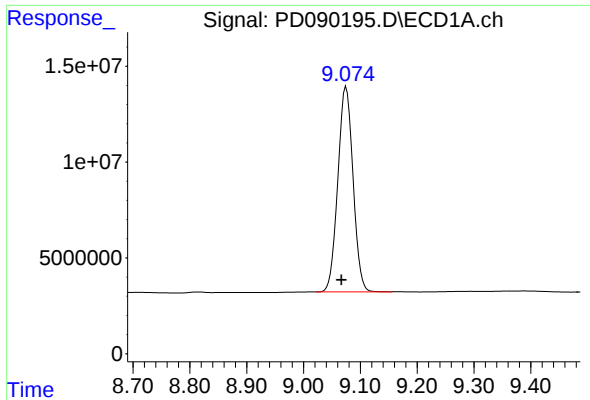
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.006 min
Response: 140139463
Conc: 44.43 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 893563222
Conc: 43.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.008 min
Response: 198949750
Conc: 46.10 ng/ml

Instrument :

ECD_D

ClientSampleId :

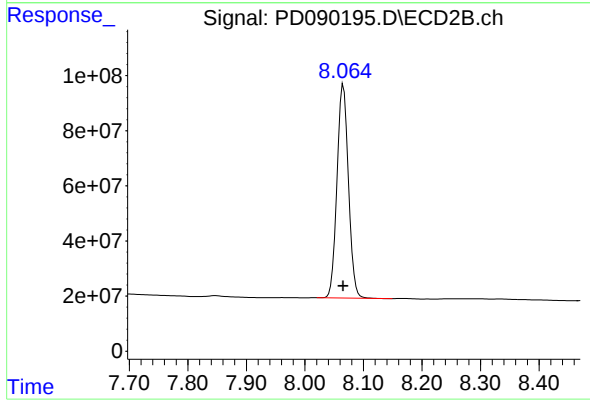
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/10/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 1051860969
Conc: 40.63 ng/ml