

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090925\
 Data File : PD090213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 11:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/10/2025
 Supervised By : mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 11:34:24 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...	3.547	2.876	149.3E6	1153.5E6	50.874m	52.312m
28)	SA Decachlor...	9.066	8.063	253.8E6	1539.2E6	58.799	59.461
Target Compounds							
2)	A alpha-BHC	3.998	3.389	329.8E6	1843.6E6	54.950	54.320
3)	MA gamma-BHC...	4.327	3.724	307.6E6	1692.0E6	53.717m	54.283
4)	MA Heptachlor	4.926	4.077	281.3E6	1581.7E6	50.144	50.709
5)	MB Aldrin	5.266	4.362	291.8E6	1656.1E6	53.890m	54.378
6)	B beta-BHC	4.515	4.020	117.6E6	717.1E6	52.420	53.797
7)	B delta-BHC	4.763	4.256	304.8E6	1703.4E6	58.864	53.992
8)	B Heptachlo...	5.687	4.865	255.1E6	1484.1E6	51.980	53.586
9)	A Endosulfan I	6.071	5.239	239.7E6	1381.9E6	51.946	52.699
10)	B gamma-Chl...	5.943	5.118	260.6E6	1612.2E6	53.278	54.445
11)	B alpha-Chl...	6.023	5.183	255.7E6	1537.3E6	51.947	53.869
12)	B 4,4'-DDE	6.193	5.367	233.5E6	1556.2E6	53.220	53.991
13)	MA Dieldrin	6.342	5.505	260.0E6	1586.9E6	53.109m	54.183
14)	MA Endrin	6.569	5.782	190.0E6	1271.7E6	45.849m	47.749
15)	B Endosulfa...	6.783	6.072	220.5E6	1359.5E6	52.253	53.748
16)	A 4,4'-DDD	6.702	5.921	195.4E6	1367.1E6	56.477	56.859
17)	MA 4,4'-DDT	7.016	6.175	155.8E6	1157.4E6	40.887m	46.168
18)	B Endrin al...	6.912	6.251	153.2E6	967.2E6	53.433	56.169
19)	B Endosulfa...	7.145	6.474	199.8E6	1288.6E6	50.997m	52.854
20)	A Methoxychlor	7.490	6.746	89201033	607.7E6	44.476	47.122
21)	B Endrin ke...	7.627	6.983	223.4E6	1489.3E6	53.901	55.895
22)	Mirex	8.109	7.176	150.3E6	1055.1E6	47.655	51.082

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090925\
Data File : PD090213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 11:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

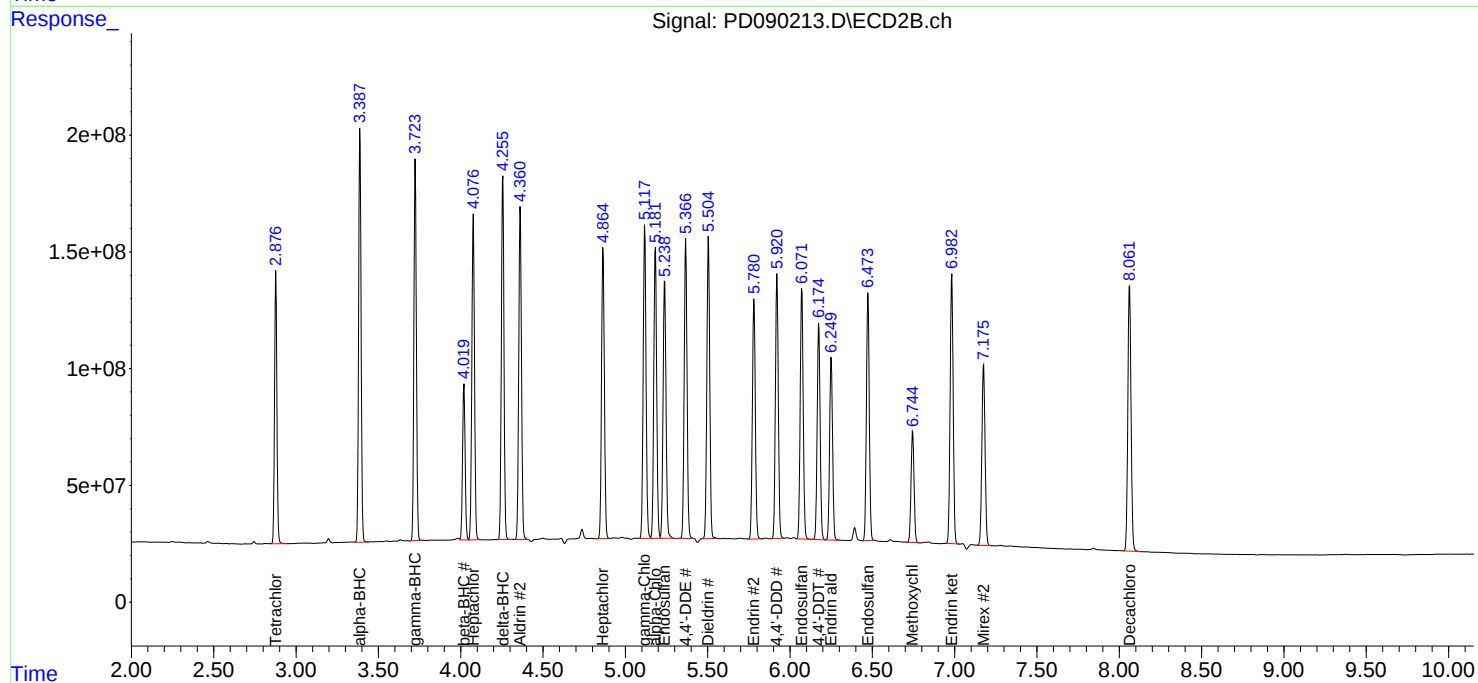
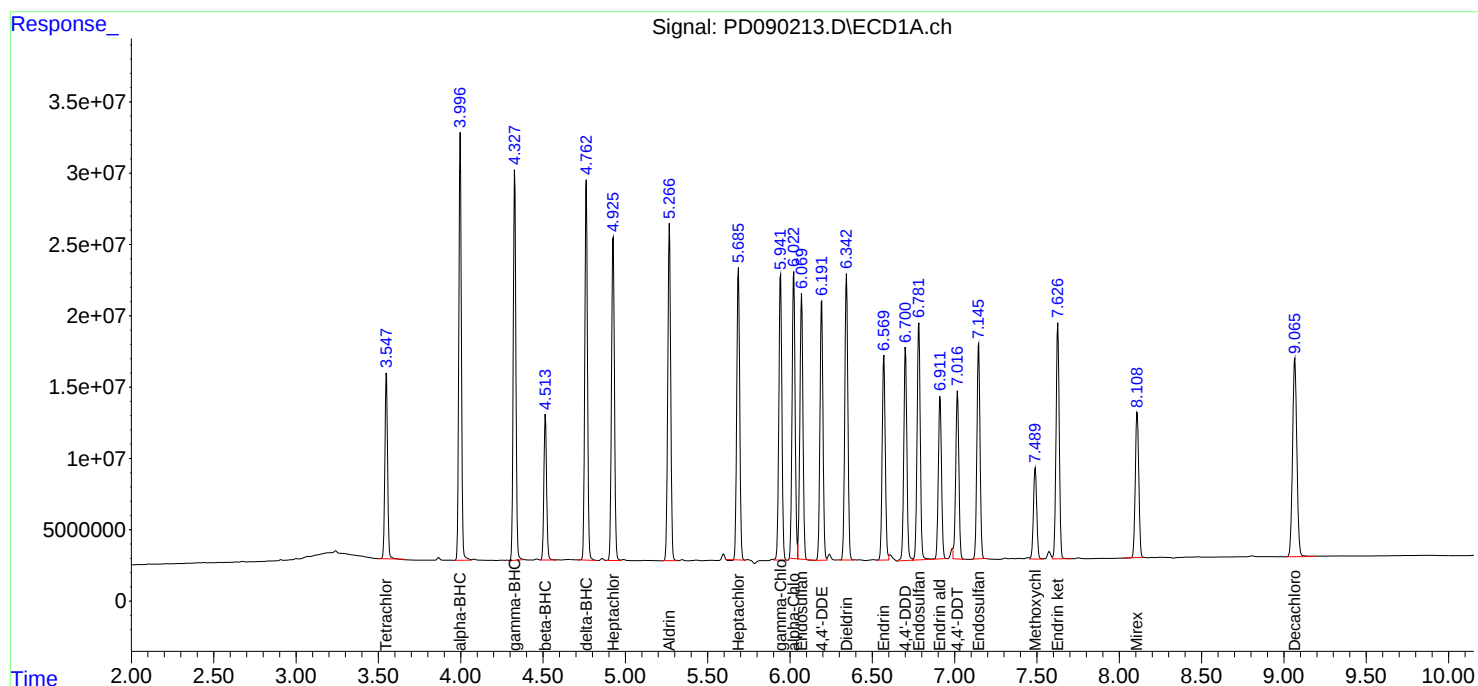
APPROVED

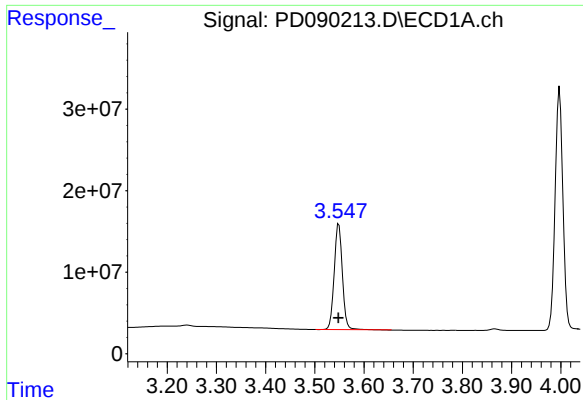
Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 11:34:24 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





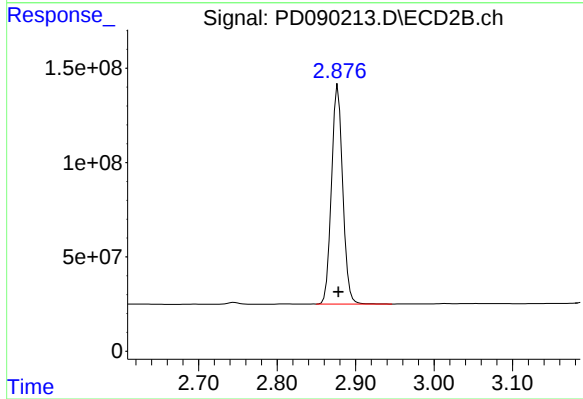
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 149307275
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

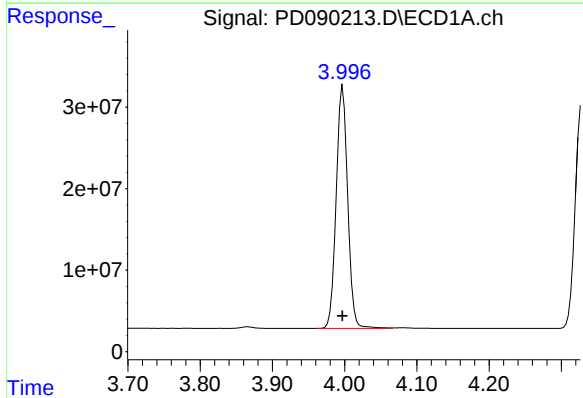
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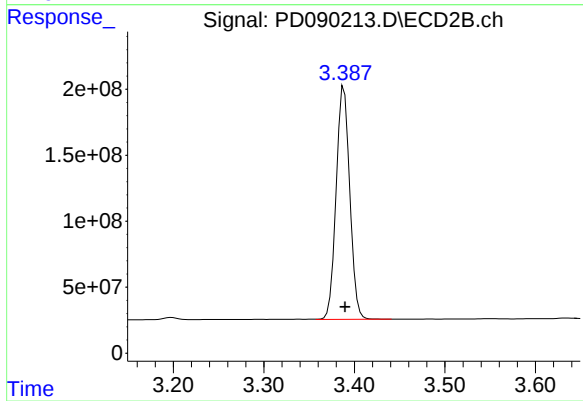
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 1153516157
Conc: 52.31 ng/ml m



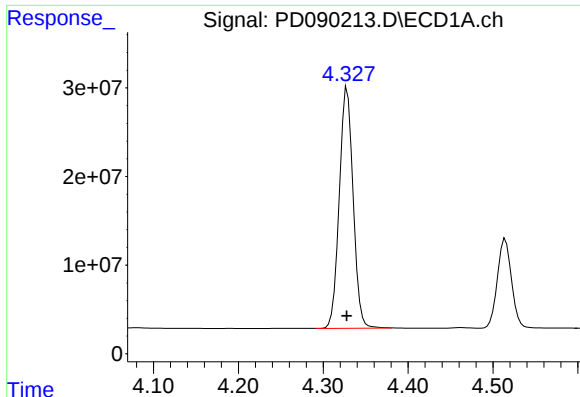
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 329824090
Conc: 54.95 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1843561653
Conc: 54.32 ng/ml



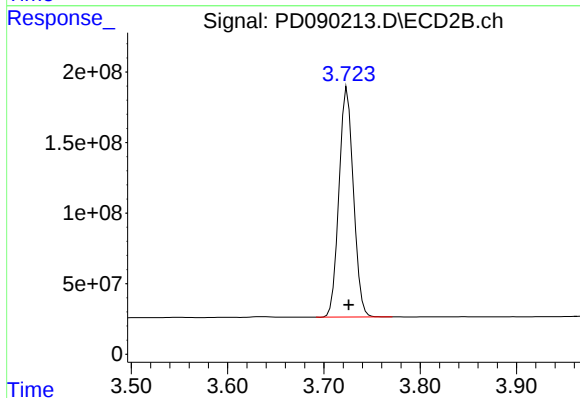
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 307631511
Conc: 53.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

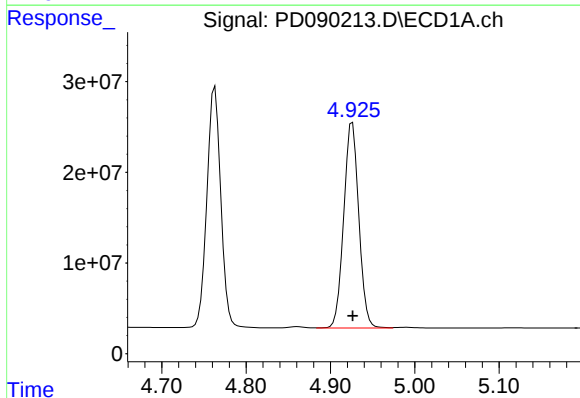
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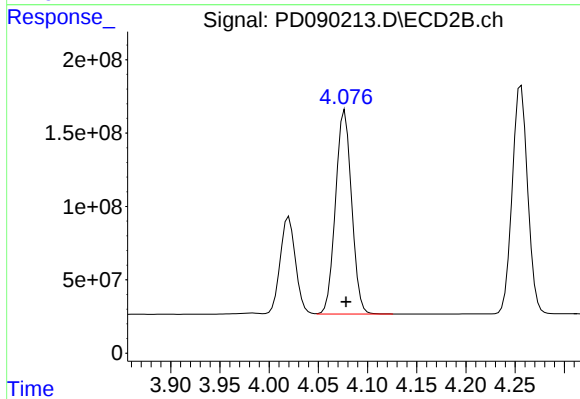
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 1692027971
Conc: 54.28 ng/ml



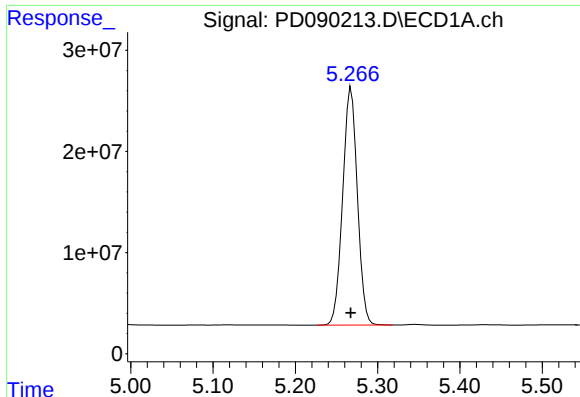
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 281267529
Conc: 50.14 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 1581692615
Conc: 50.71 ng/ml



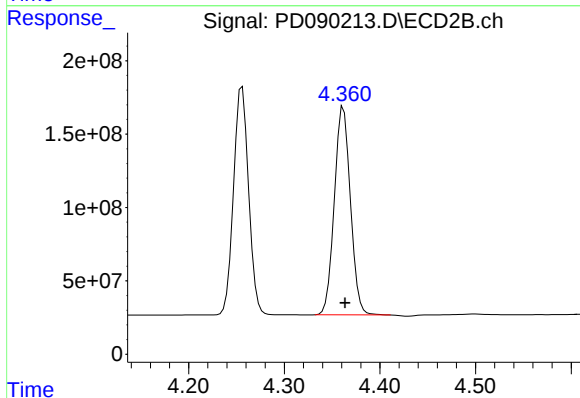
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 291790728
Conc: 53.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

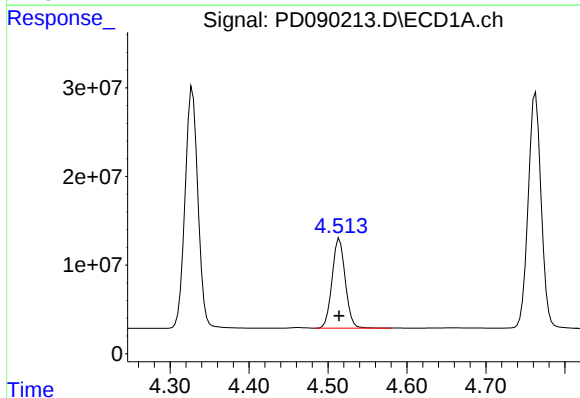
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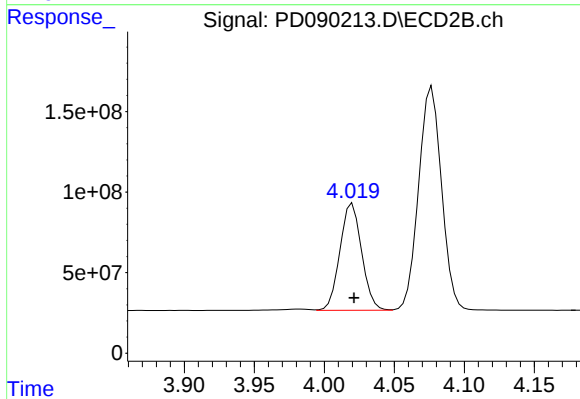
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1656122533
Conc: 54.38 ng/ml



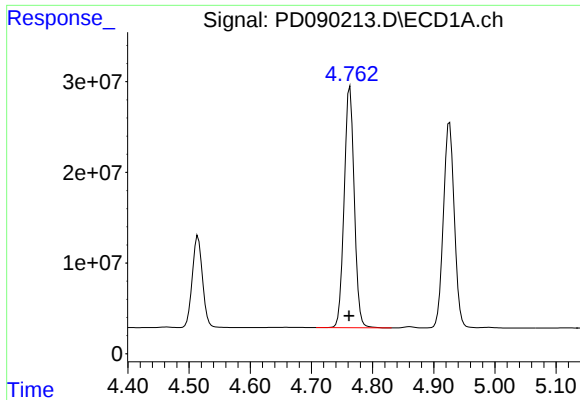
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 117578184
Conc: 52.42 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 717119504
Conc: 53.80 ng/ml



#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 304780809
Conc: 58.86 ng/ml

Instrument :

ECD_D

ClientSampleId :

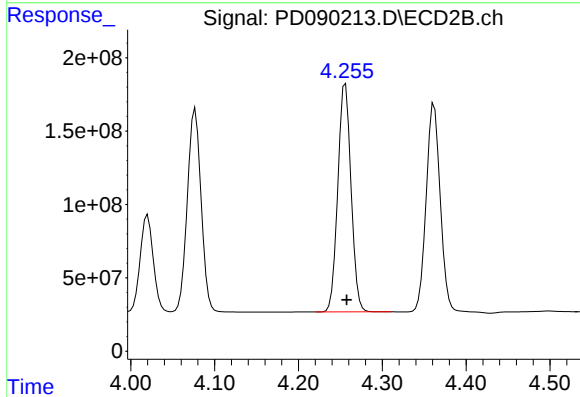
PSTDCCC050

Manual Integrations

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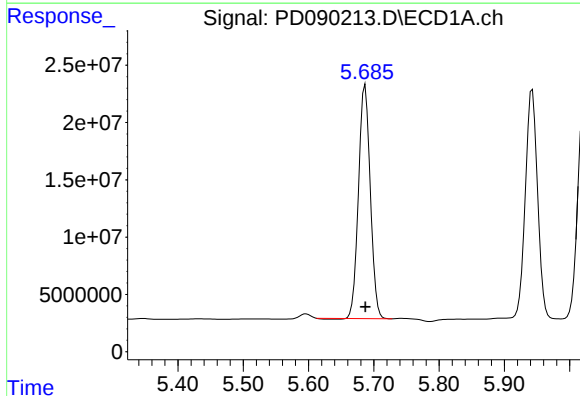
Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025



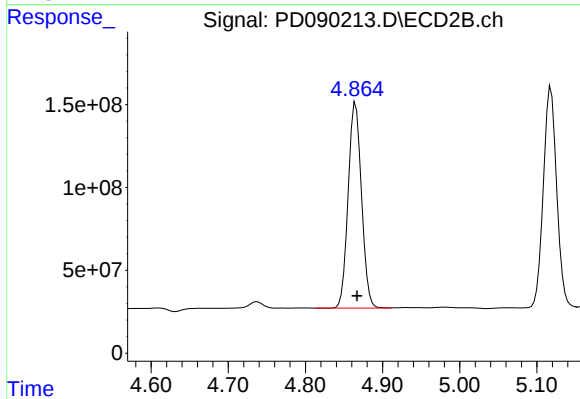
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1703445285
Conc: 53.99 ng/ml



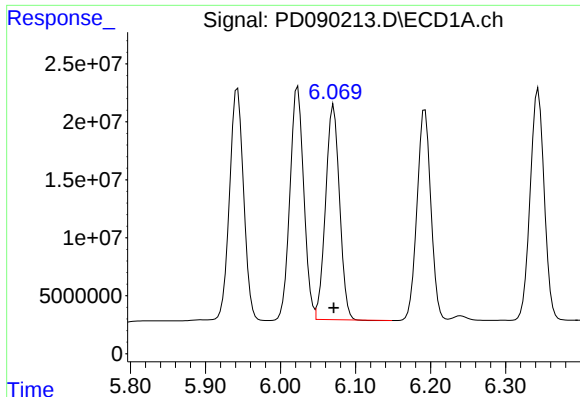
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 255053306
Conc: 51.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1484053361
Conc: 53.59 ng/ml



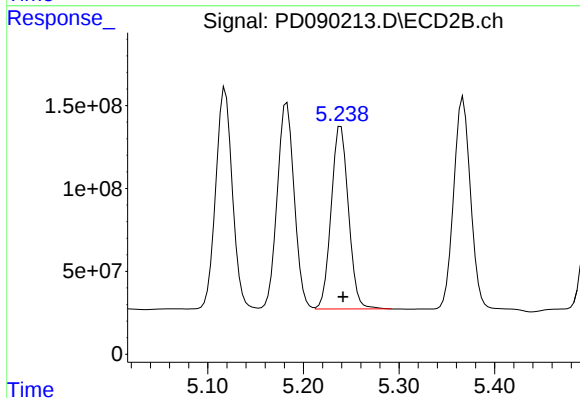
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 239722956
Conc: 51.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

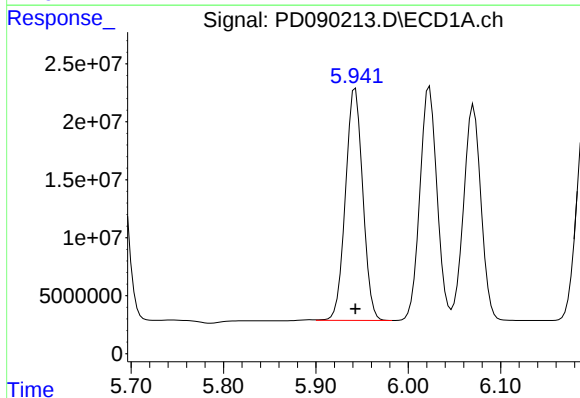
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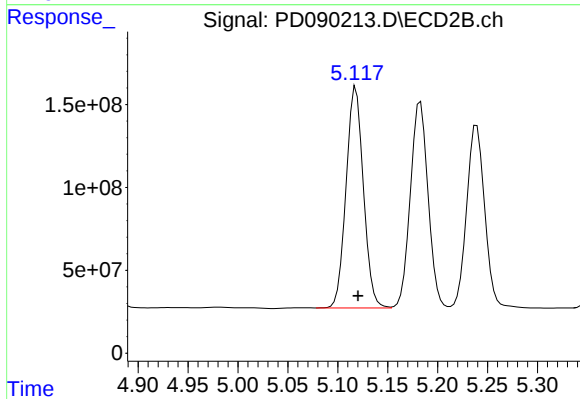
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 1381857851
Conc: 52.70 ng/ml



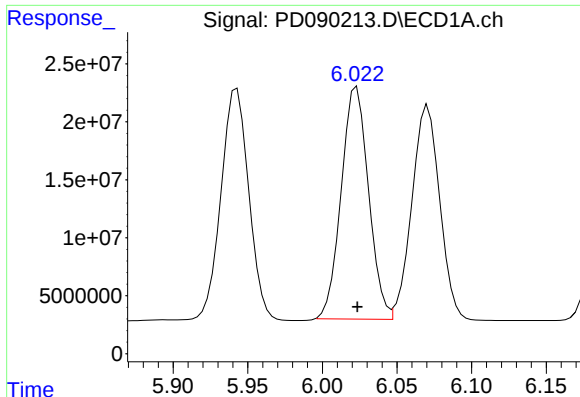
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 260581182
Conc: 53.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1612171188
Conc: 54.44 ng/ml



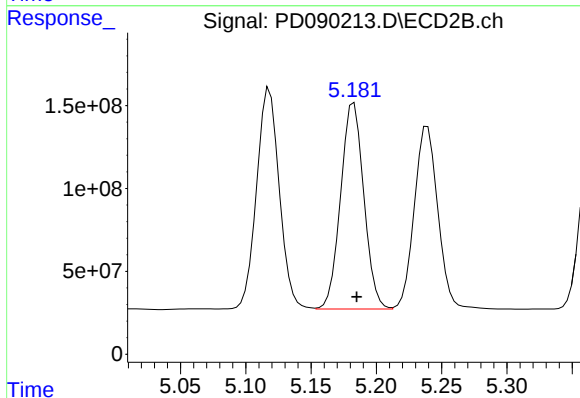
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 255703682
Conc: 51.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

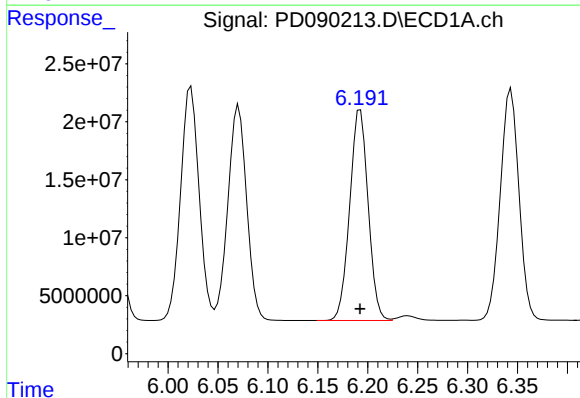
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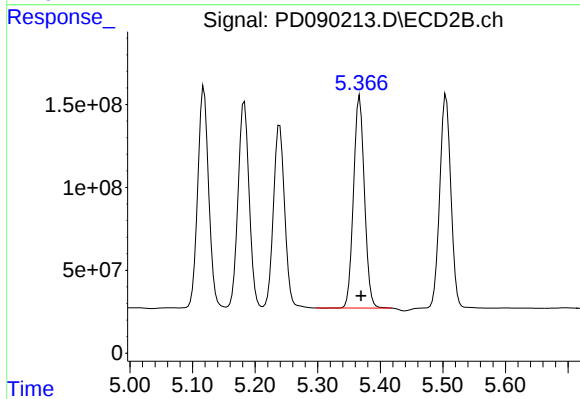
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1537332930
Conc: 53.87 ng/ml



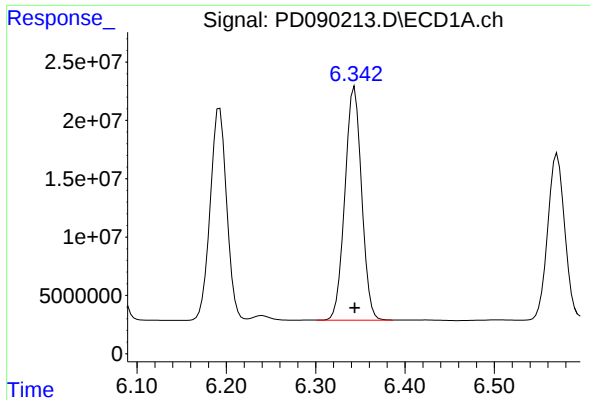
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 233544327
Conc: 53.22 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1556181244
Conc: 53.99 ng/ml



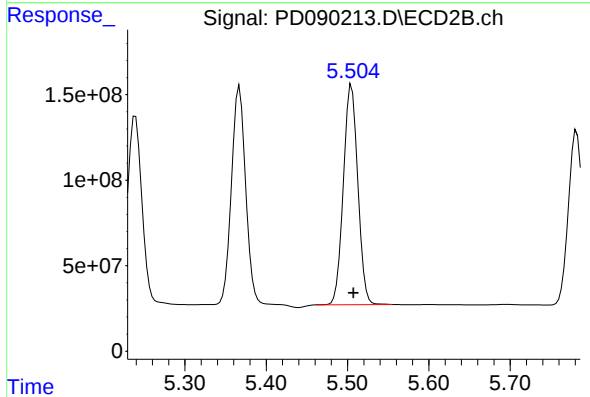
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 260011204
Conc: 53.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

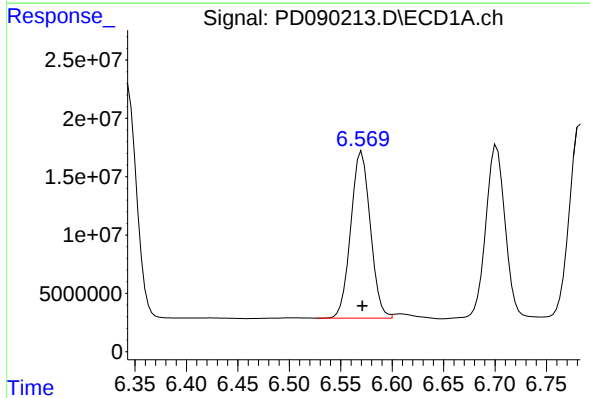
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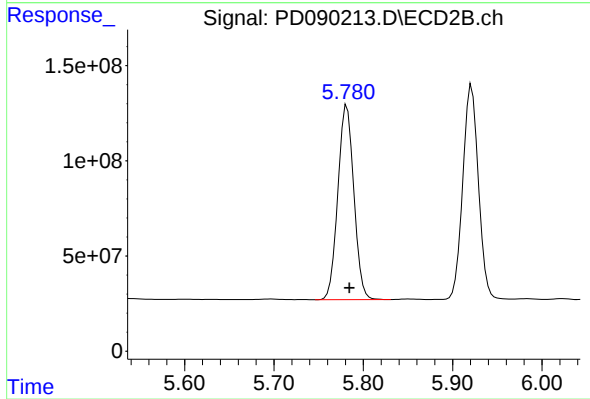
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1586860690
Conc: 54.18 ng/ml



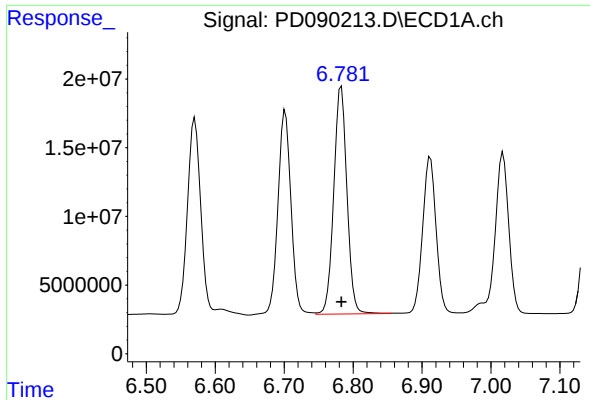
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 189979569
Conc: 45.85 ng/ml m



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1271674034
Conc: 47.75 ng/ml



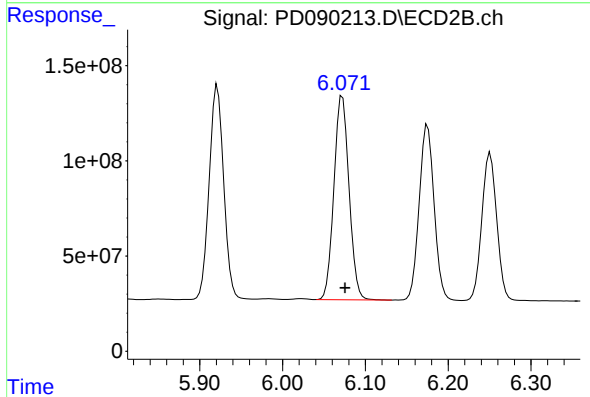
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 220494519
Conc: 52.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

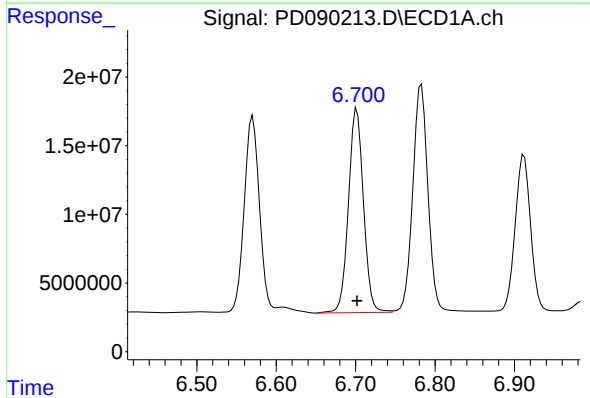
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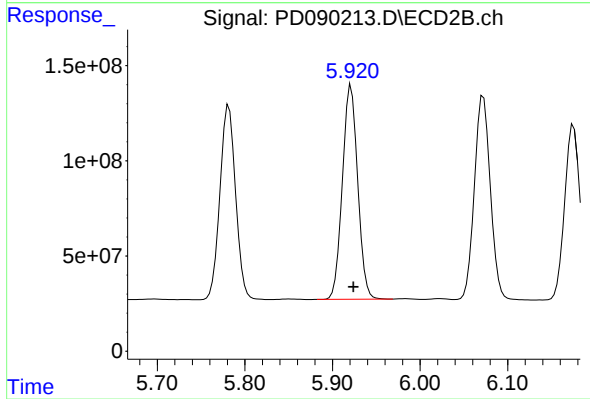
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 1359538046
Conc: 53.75 ng/ml



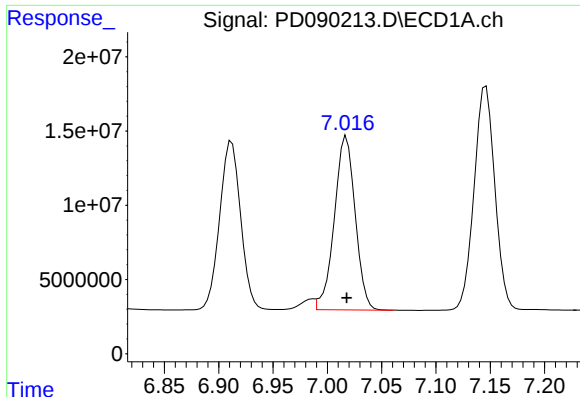
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 195358398
Conc: 56.48 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 1367099642
Conc: 56.86 ng/ml



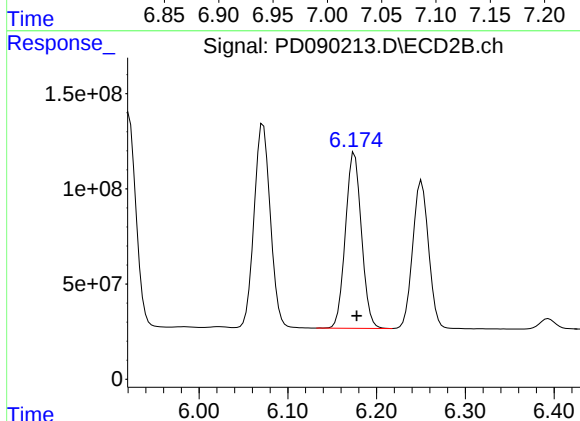
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 155770052
Conc: 40.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

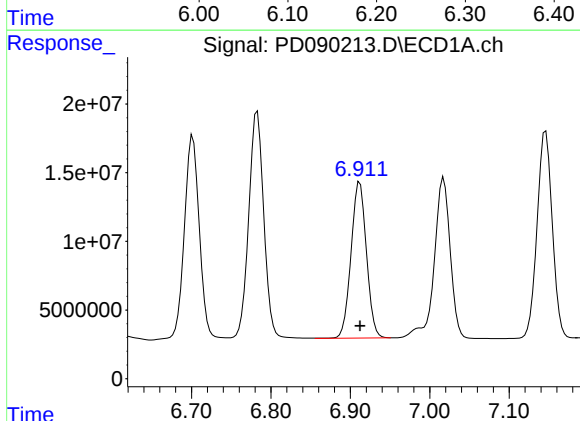
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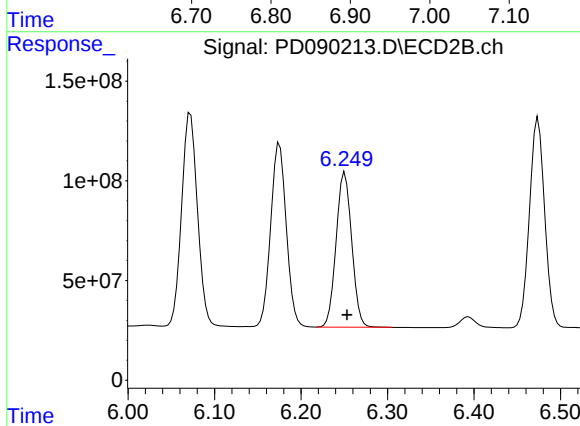
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 1157409157
Conc: 46.17 ng/ml



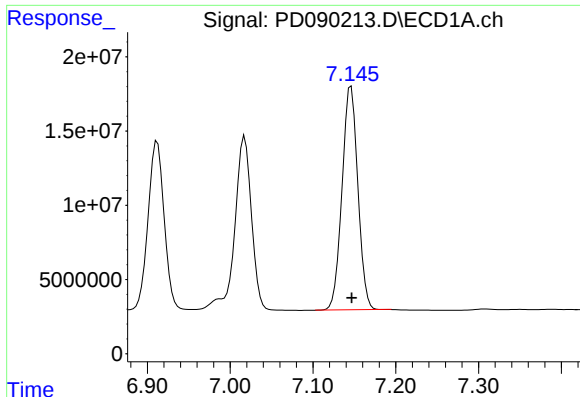
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 153201380
Conc: 53.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 967229591
Conc: 56.17 ng/ml



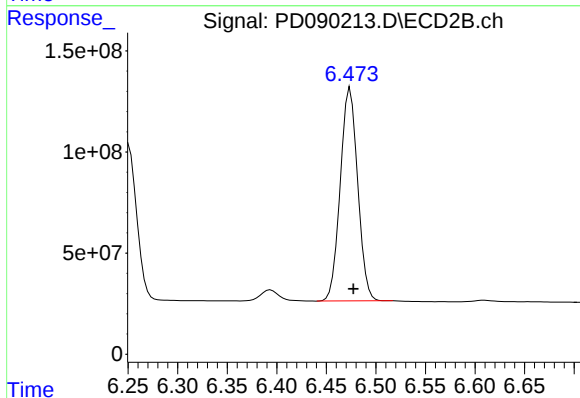
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 199833332
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

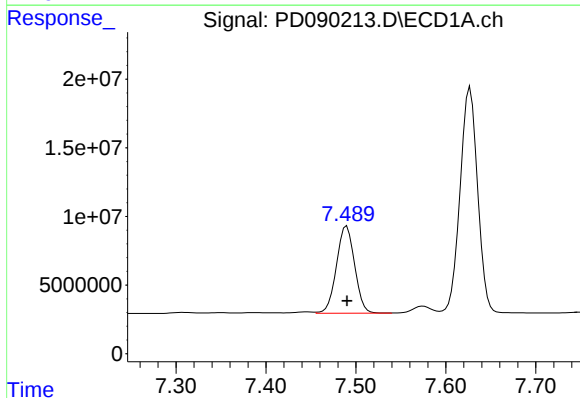
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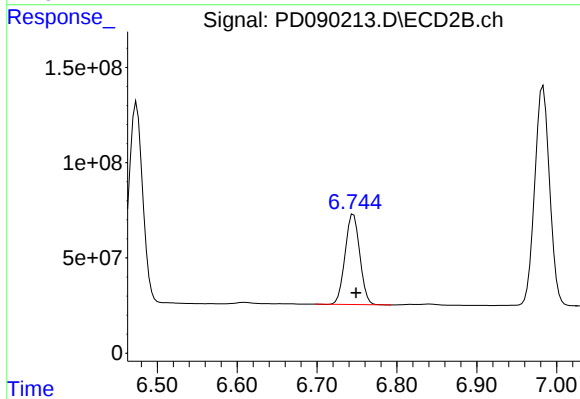
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 1288564845
Conc: 52.85 ng/ml



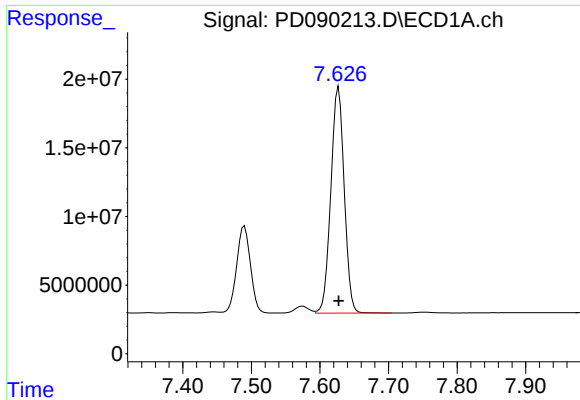
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 89201033
Conc: 44.48 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 607668776
Conc: 47.12 ng/ml



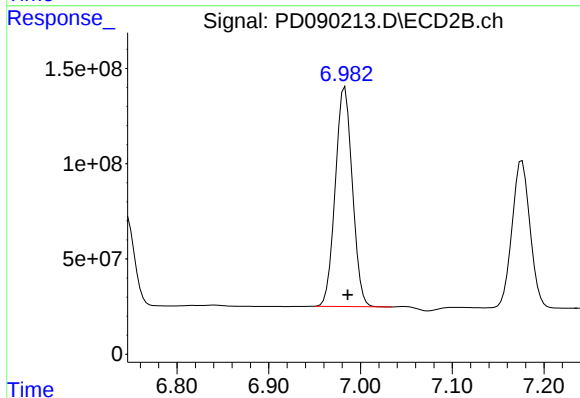
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 223393357
Conc: 53.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

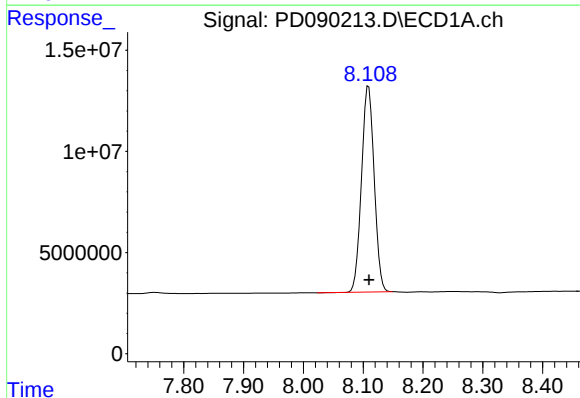
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/11/2025



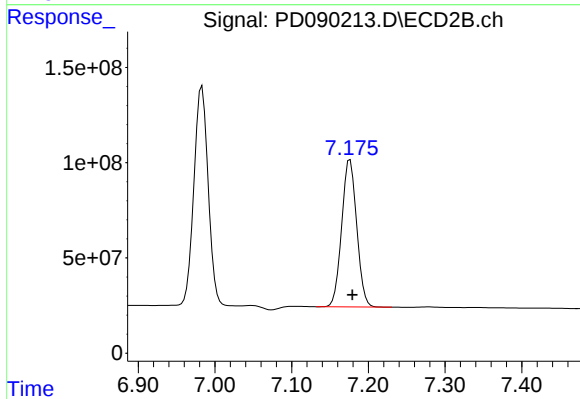
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 1489289276
Conc: 55.89 ng/ml



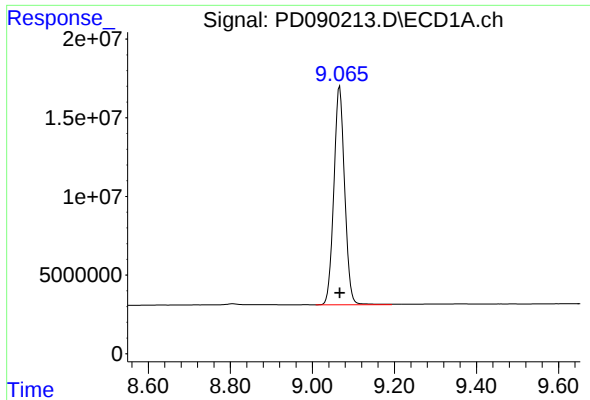
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 150326339
Conc: 47.65 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 1055145659
Conc: 51.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 253773712
Conc: 58.80 ng/ml

Instrument :

ECD_D

ClientSampleId :

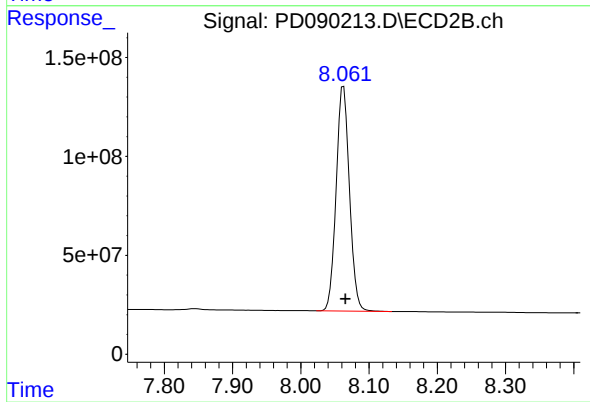
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.003 min
Response: 1539194731
Conc: 59.46 ng/ml