

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
 Data File : PD090015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 17:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2025
 Supervised By : mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 01:53:58 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...	3.554	2.877	160.7E6	1193.4E6	54.749	54.122
28)	SA Decachlor...	9.076	8.068	225.7E6	1173.1E6	52.293	45.317
Target Compounds							
2)	A alpha-BHC	4.004	3.390	352.7E6	1894.3E6	58.754	55.816
3)	MA gamma-BHC...	4.335	3.726	334.7E6	1750.3E6	58.449	56.152
4)	MA Heptachlor	4.934	4.079	325.0E6	1736.2E6	57.940	55.664
5)	MB Aldrin	5.275	4.365	304.8E6	1696.5E6	56.289	55.705
6)	B beta-BHC	4.521	4.022	125.7E6	736.2E6	56.043	55.225
7)	B delta-BHC	4.770	4.258	319.8E6	1765.7E6	61.760	55.966
8)	B Heptachlo...	5.695	4.868	271.6E6	1511.7E6	55.348	54.585
9)	A Endosulfan I	6.079	5.243	249.6E6	1387.5E6	54.093	52.913
10)	B gamma-Chl...	5.950	5.122	270.1E6	1615.2E6	55.229	54.548
11)	B alpha-Chl...	6.031	5.186	267.6E6	1537.7E6	54.357	53.883
12)	B 4,4'-DDE	6.200	5.371	238.1E6	1547.3E6	54.256	53.684
13)	MA Dieldrin	6.352	5.508	264.6E6	1567.5E6	54.044	53.521
14)	MA Endrin	6.579	5.785	220.2E6	1407.6E6	53.136	52.855
15)	B Endosulfa...	6.791	6.077	217.3E6	1303.6E6	51.504	51.538
16)	A 4,4'-DDD	6.710	5.925	185.2E6	1270.2E6	53.540	52.828
17)	MA 4,4'-DDT	7.024	6.179	193.6E6	1311.3E6	50.822m	52.307
18)	B Endrin al...	6.920	6.255	152.1E6	922.9E6	53.044	53.596
19)	B Endosulfa...	7.154	6.478	201.6E6	1225.2E6	51.449	50.256
20)	A Methoxychlor	7.498	6.750	99423785	626.8E6	49.573	48.603
21)	B Endrin ke...	7.634	6.988	210.6E6	1270.2E6	50.811	47.672
22)	Mirex	8.117	7.181	153.9E6	938.8E6	48.790	45.450

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

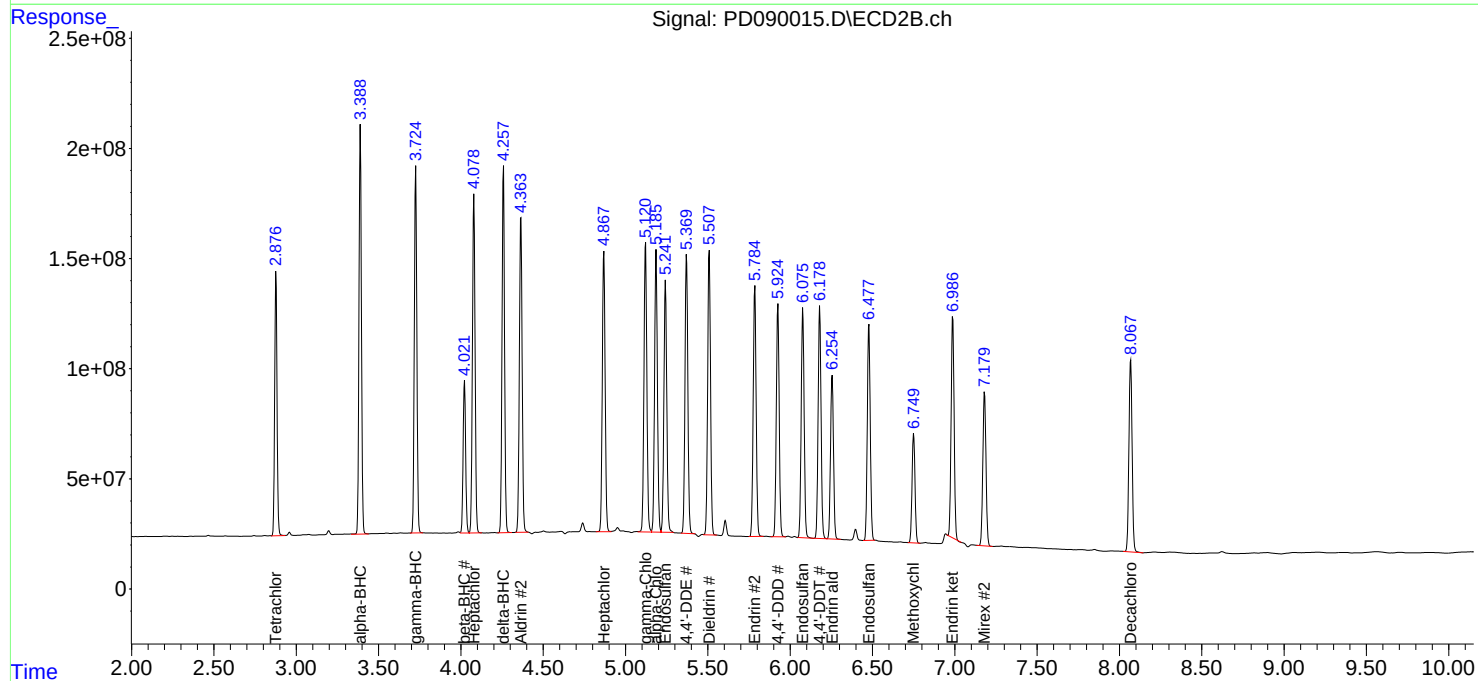
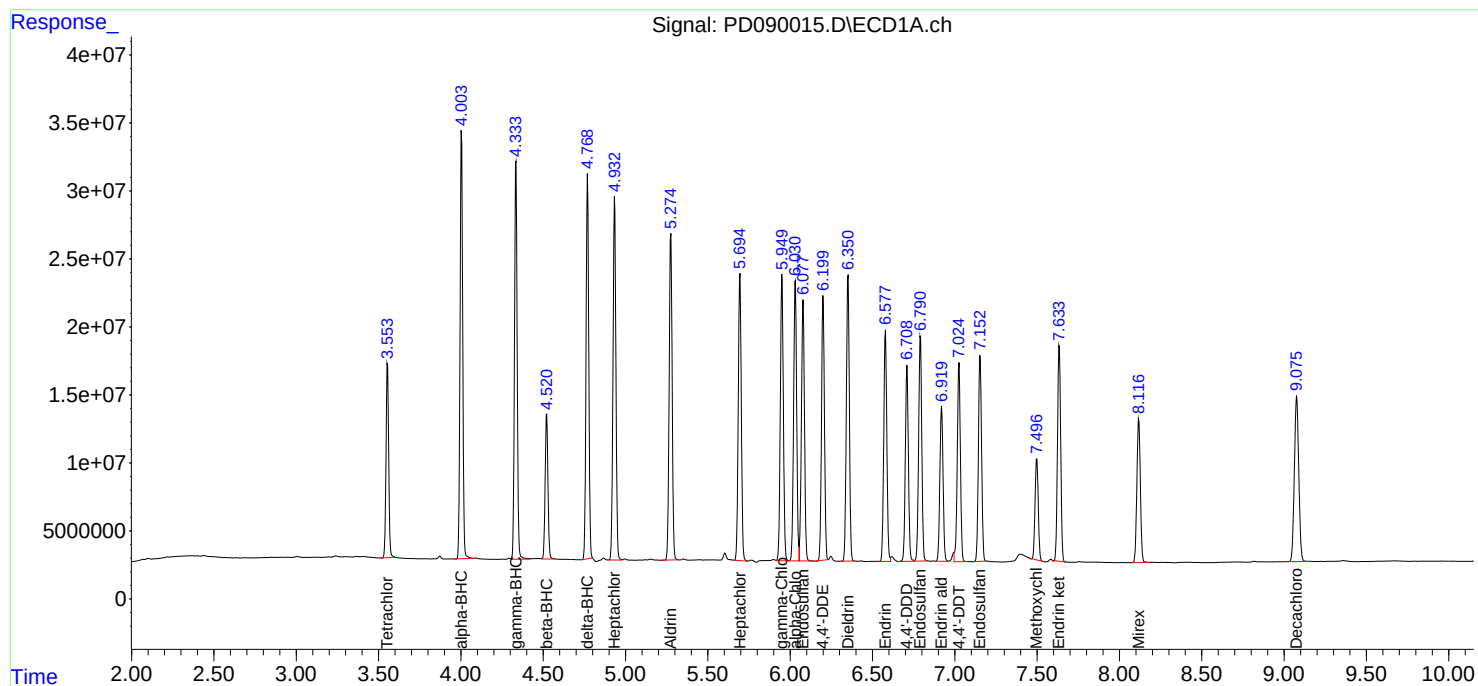
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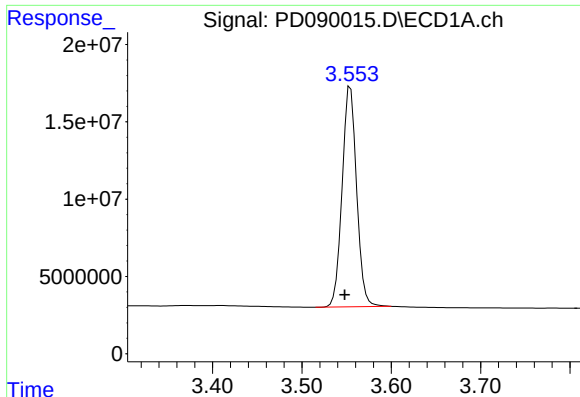
Reviewed By :Abdul Mirza 08/25/2025

Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:53:58 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





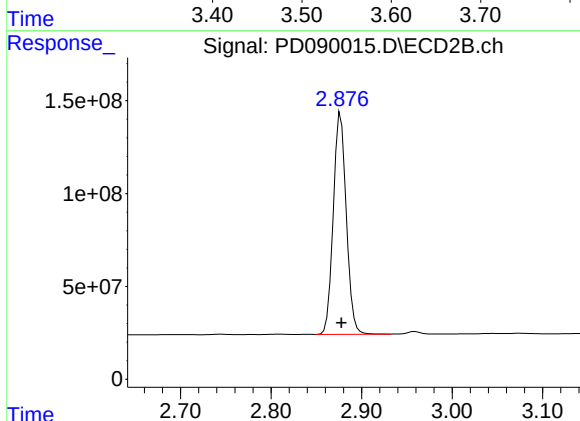
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.006 min
Response: 160679695
Conc: 54.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

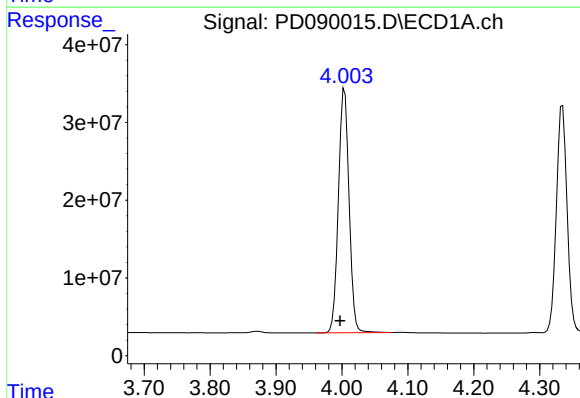
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Supervised By :mohammad ahmed 08/26/2025



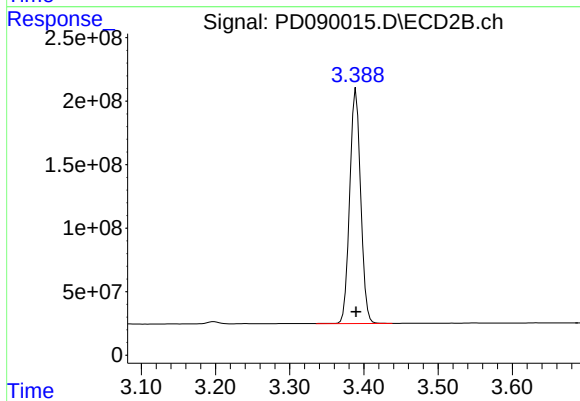
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 1193416280
Conc: 54.12 ng/ml



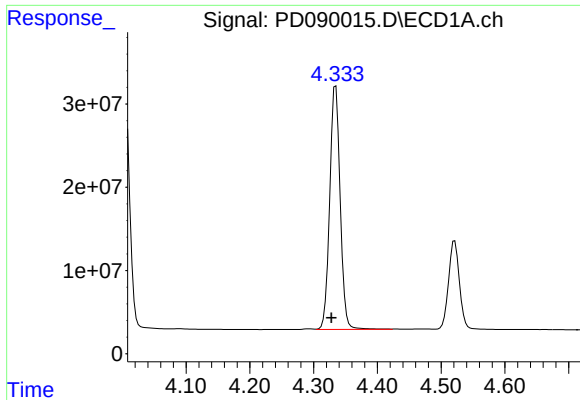
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.007 min
Response: 352656445
Conc: 58.75 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 1894320345
Conc: 55.82 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.007 min
Response: 334729452
Conc: 58.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

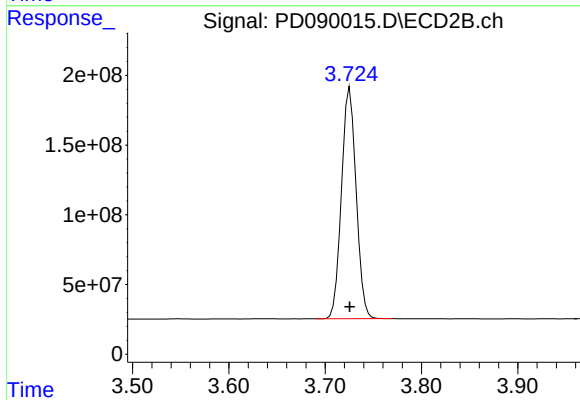
PSTDCCC050

Manual Integrations

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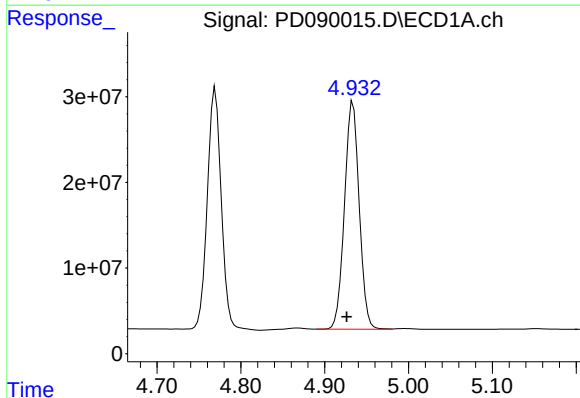
Reviewed By :Abdul Mirza 08/25/2025

Supervised By :mohammad ahmed 08/26/2025



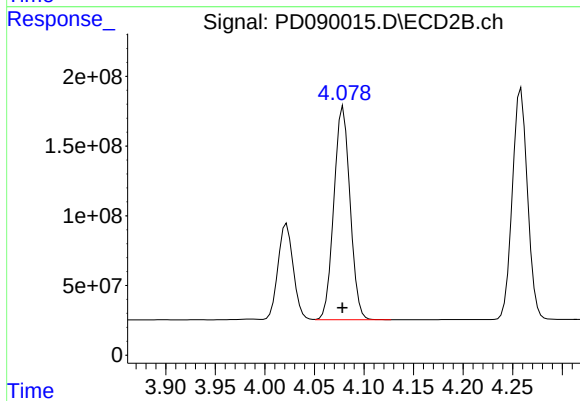
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1750283679
Conc: 56.15 ng/ml



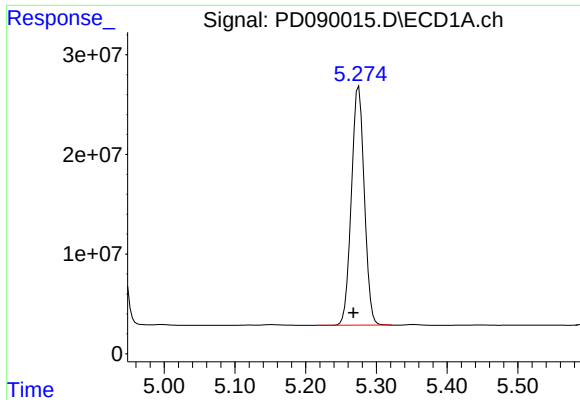
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.007 min
Response: 324997322
Conc: 57.94 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1736243977
Conc: 55.66 ng/ml



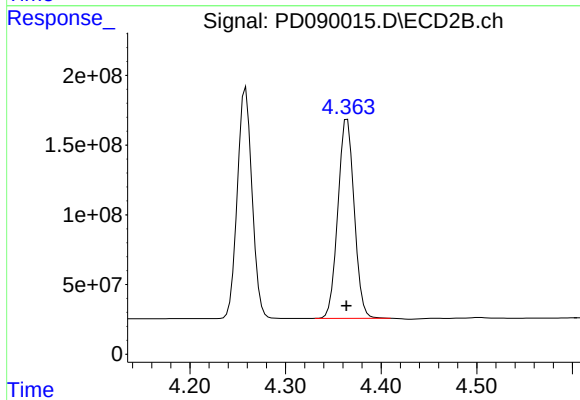
#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.008 min
Response: 304775958
Conc: 56.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

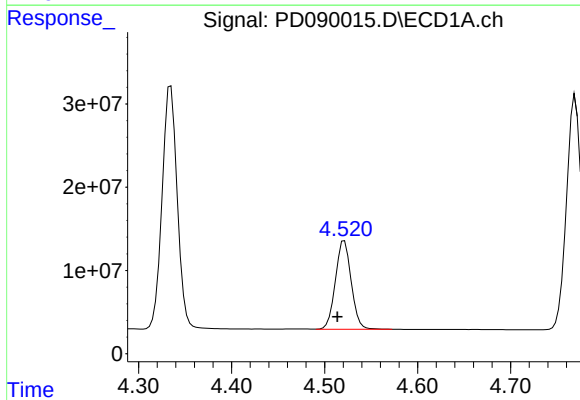
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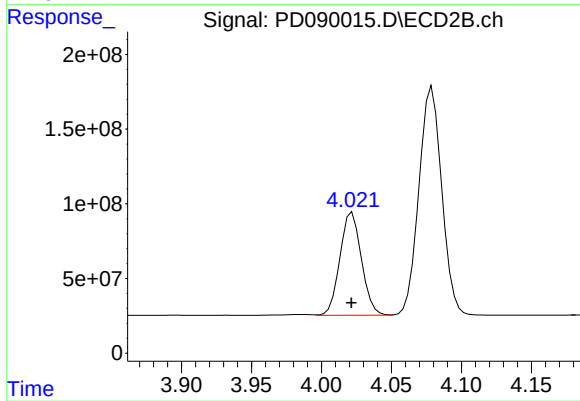
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1696540787
Conc: 55.71 ng/ml



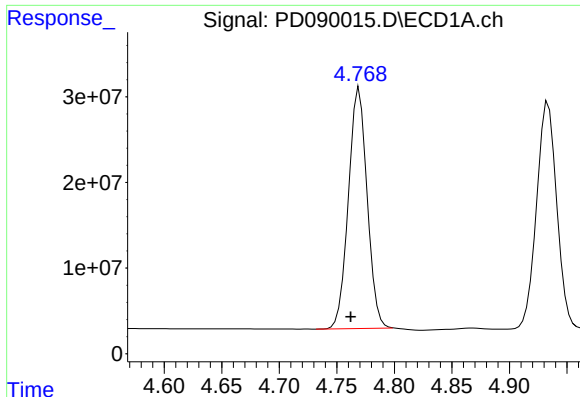
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 125706722
Conc: 56.04 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 736154779
Conc: 55.22 ng/ml



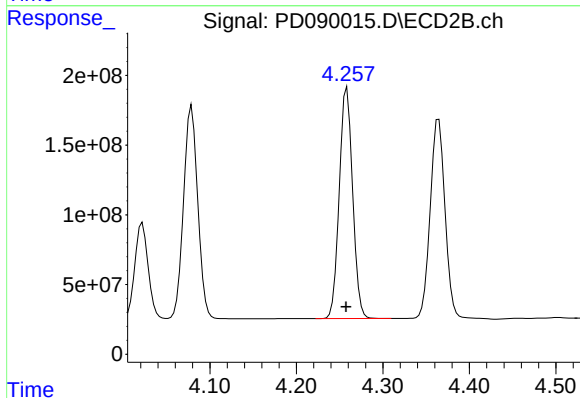
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.008 min
Response: 319777512
Conc: 61.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

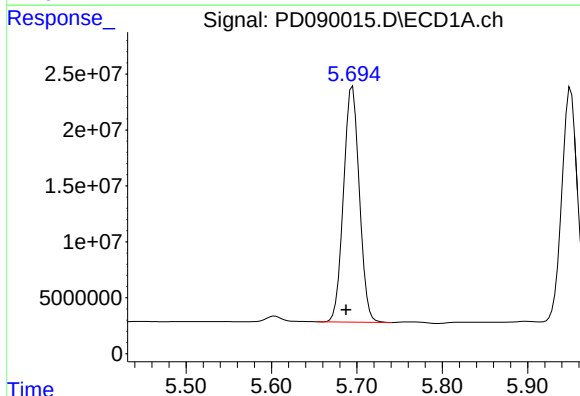
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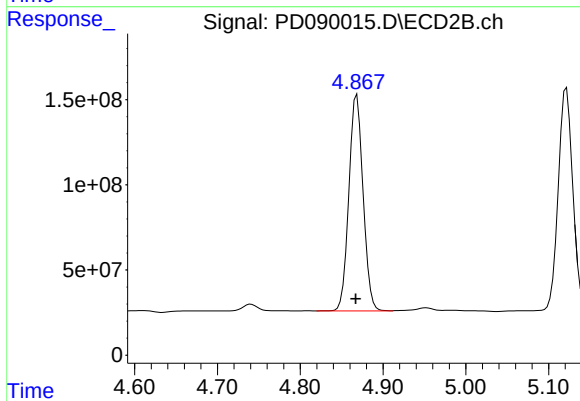
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1765711343
Conc: 55.97 ng/ml



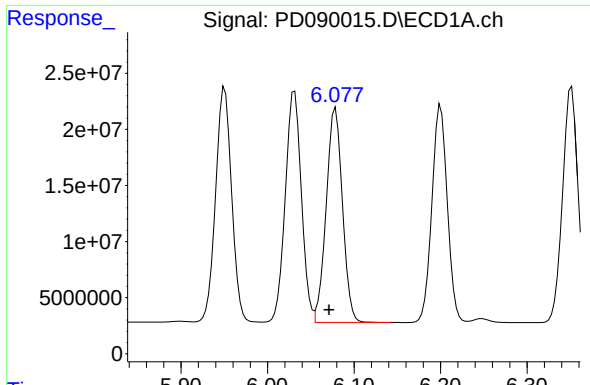
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.008 min
Response: 271580441
Conc: 55.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 1511708480
Conc: 54.58 ng/ml



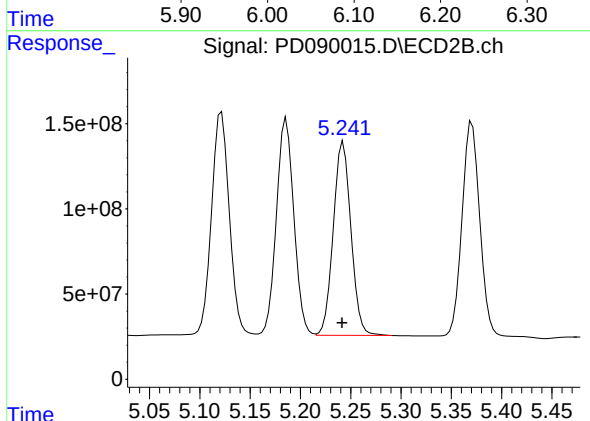
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.008 min
Response: 249634640
Conc: 54.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

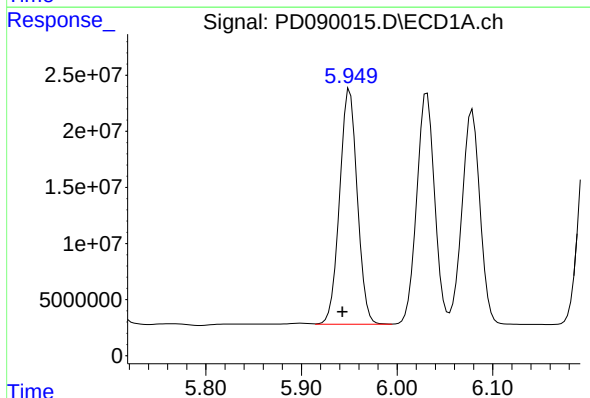
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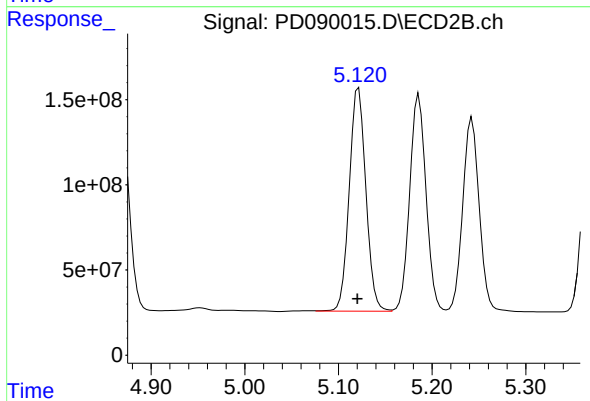
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 1387471956
Conc: 52.91 ng/ml



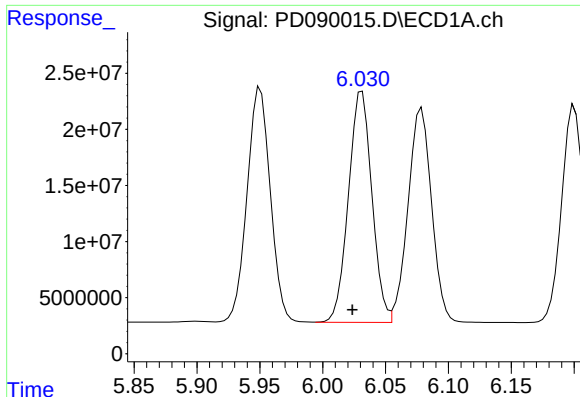
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.008 min
Response: 270124744
Conc: 55.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.001 min
Response: 1615225141
Conc: 54.55 ng/ml



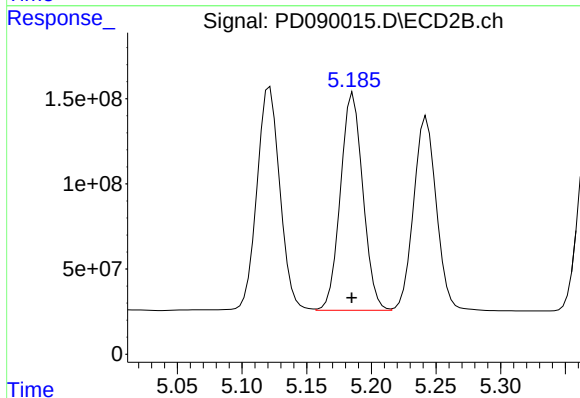
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.008 min
Response: 267566275
Conc: 54.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

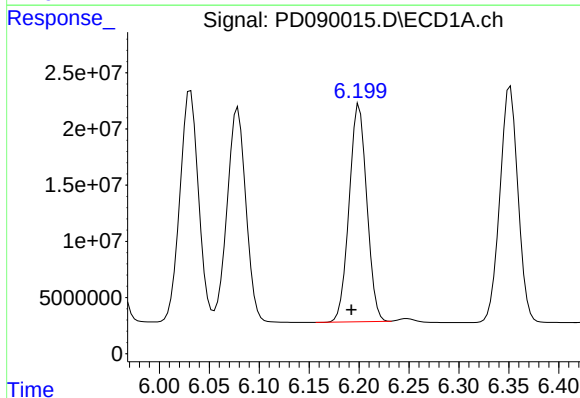
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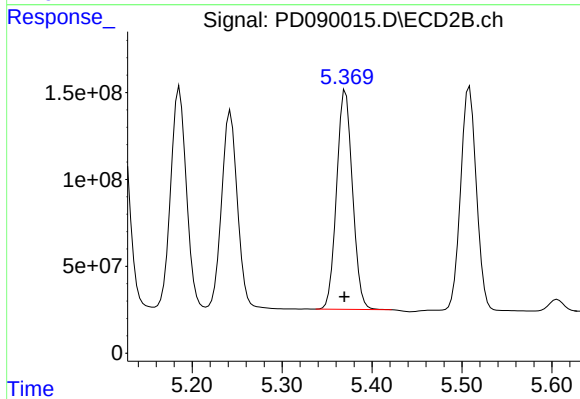
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.001 min
Response: 1537731646
Conc: 53.88 ng/ml



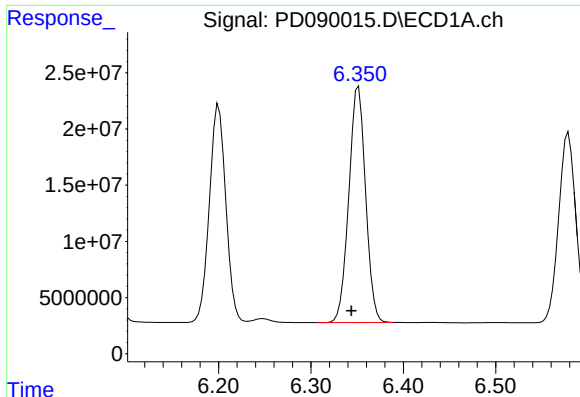
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.008 min
Response: 238092692
Conc: 54.26 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.001 min
Response: 1547309884
Conc: 53.68 ng/ml



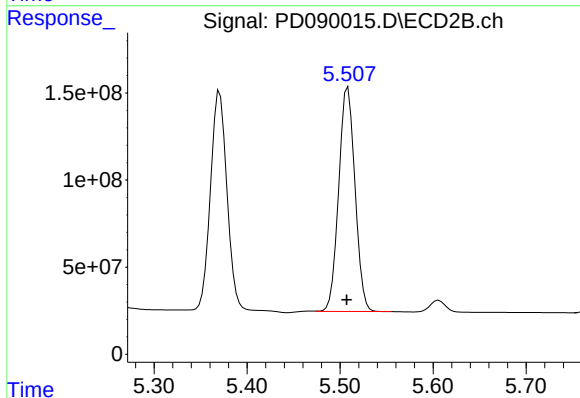
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.008 min
Response: 264588793
Conc: 54.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

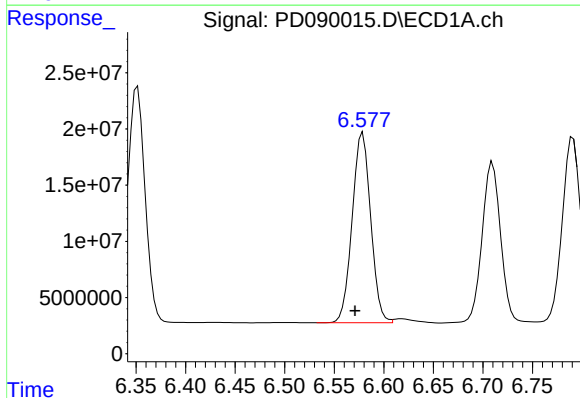
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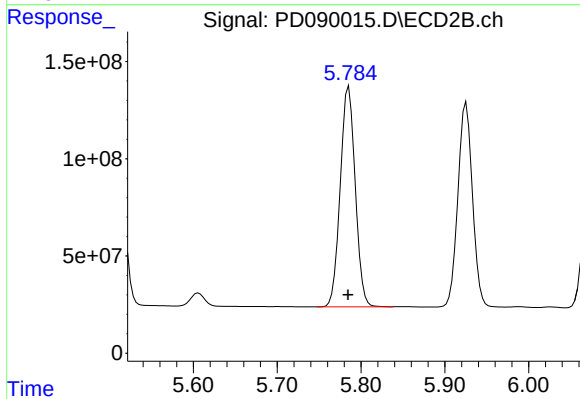
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.001 min
Response: 1567480703
Conc: 53.52 ng/ml



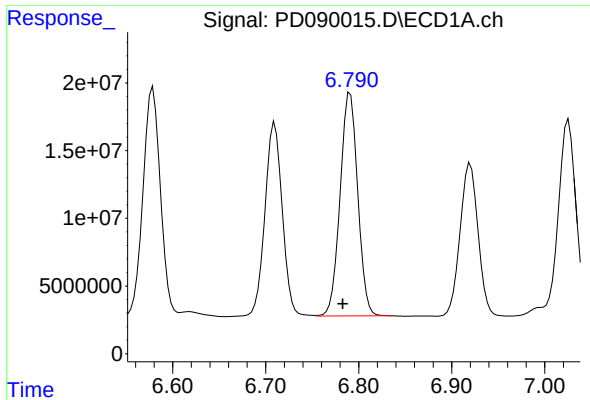
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.008 min
Response: 220171926
Conc: 53.14 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.001 min
Response: 1407649522
Conc: 52.86 ng/ml



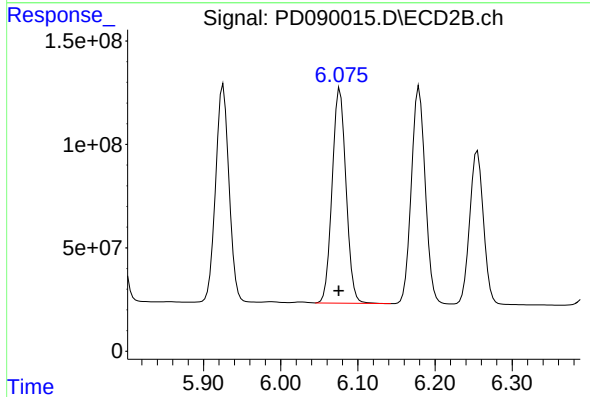
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.008 min
Response: 217334319
Conc: 51.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

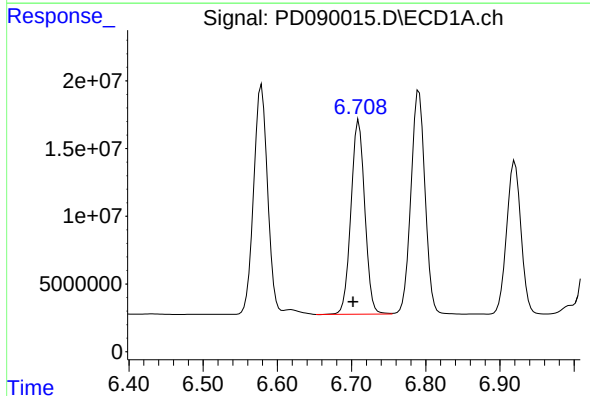
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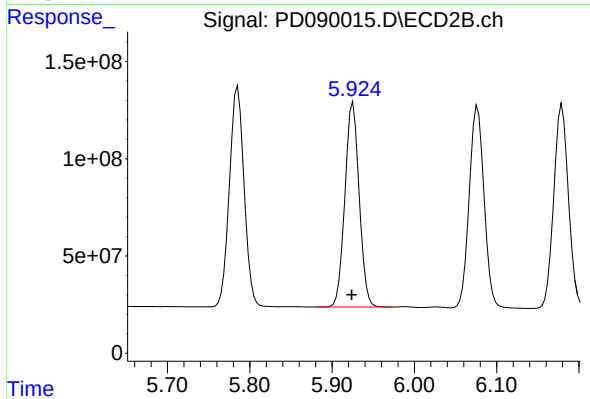
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 1303642925
Conc: 51.54 ng/ml



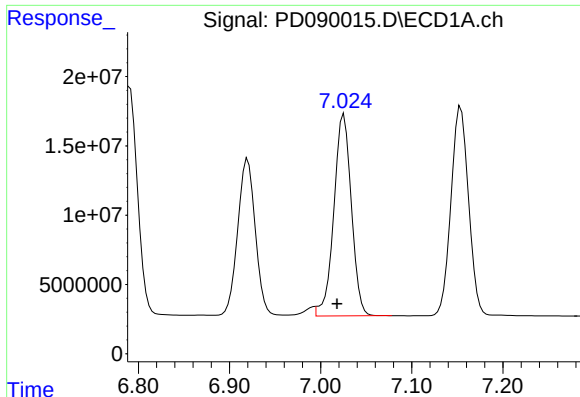
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.008 min
Response: 185199597
Conc: 53.54 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.002 min
Response: 1270175225
Conc: 52.83 ng/ml



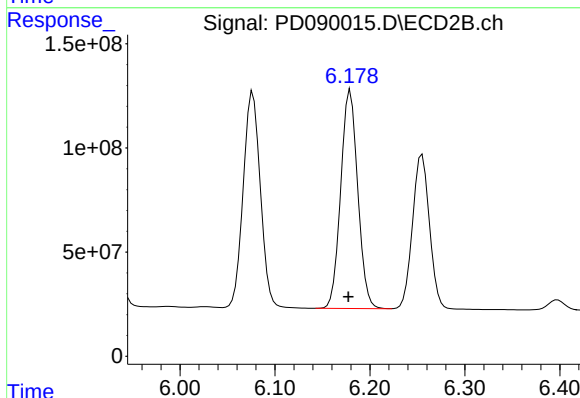
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.006 min
Response: 193616686
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

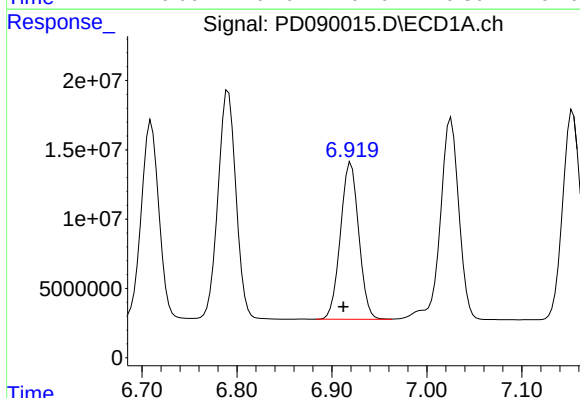
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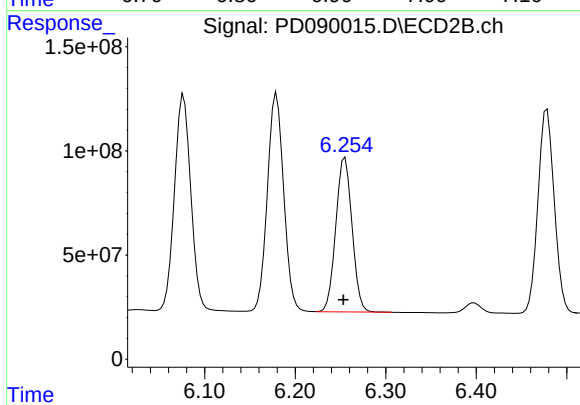
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 1311325655
Conc: 52.31 ng/ml



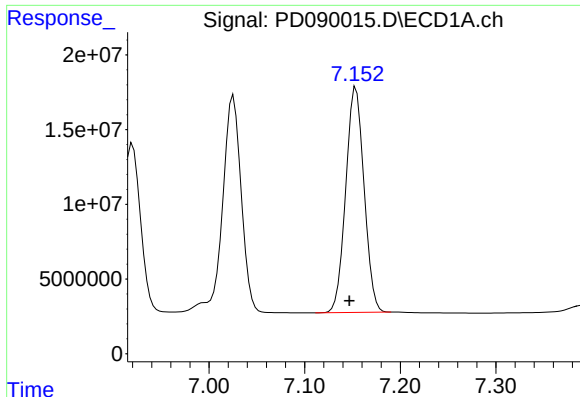
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.008 min
Response: 152084308
Conc: 53.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 922921760
Conc: 53.60 ng/ml



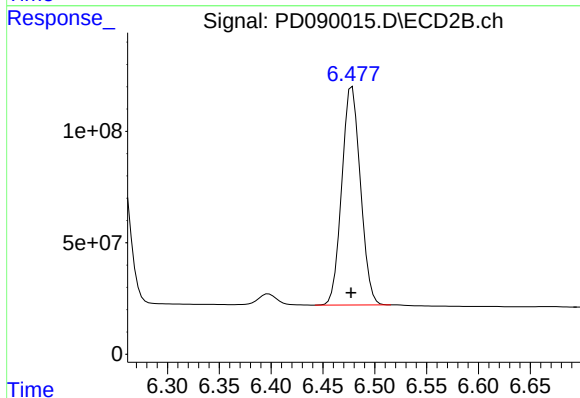
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.007 min
Response: 201600908
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

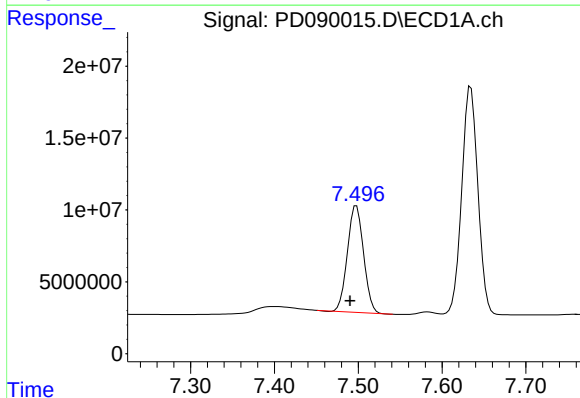
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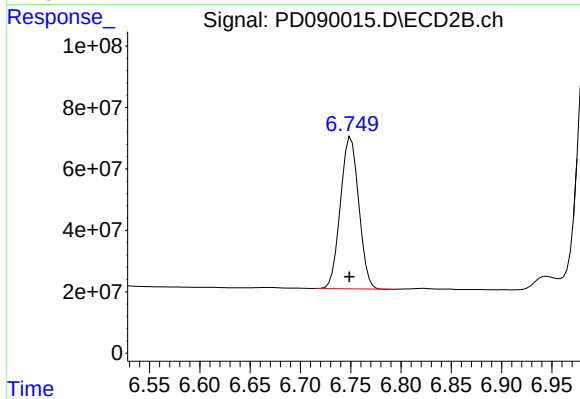
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 1225224976
Conc: 50.26 ng/ml



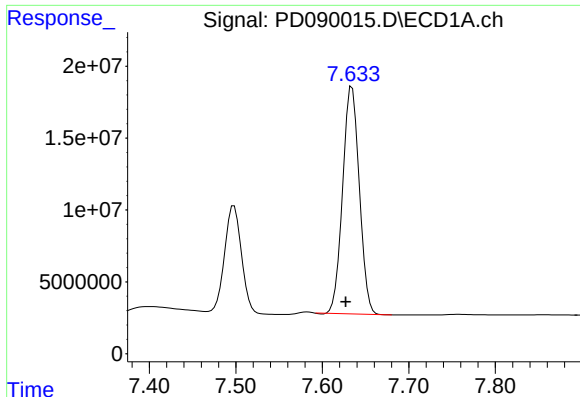
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.007 min
Response: 99423785
Conc: 49.57 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.001 min
Response: 626777292
Conc: 48.60 ng/ml



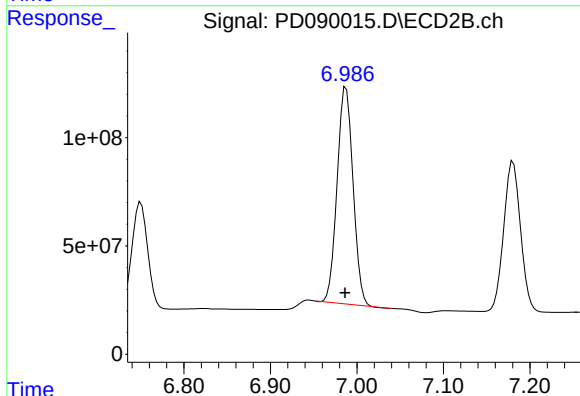
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.007 min
Response: 210585947
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

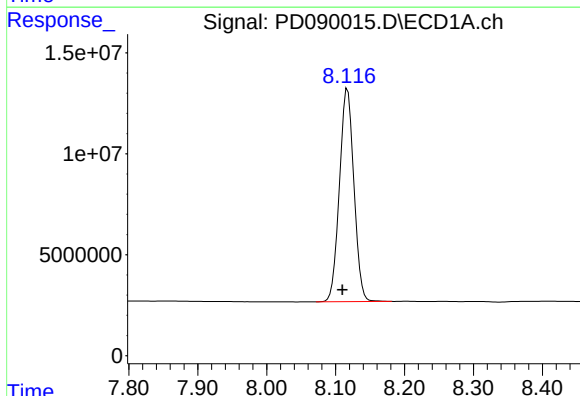
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Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



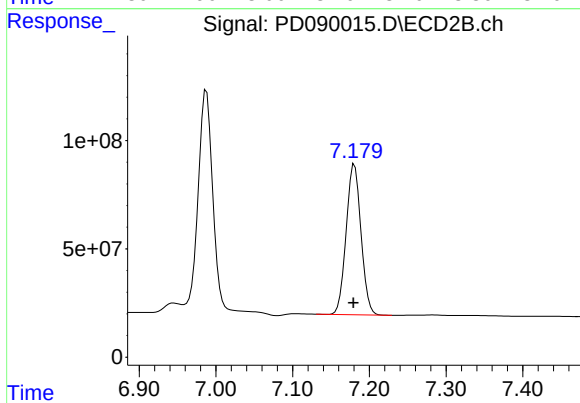
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: 0.001 min
Response: 1270206275
Conc: 47.67 ng/ml



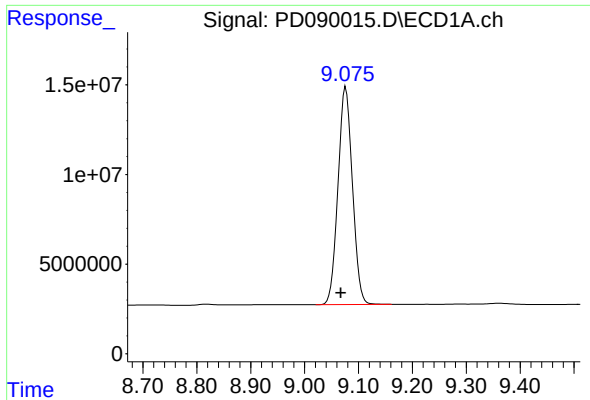
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.007 min
Response: 153906219
Conc: 48.79 ng/ml



#22 Mirex

R.T.: 7.181 min
Delta R.T.: 0.001 min
Response: 938812319
Conc: 45.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.009 min
Response: 225693987
Conc: 52.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

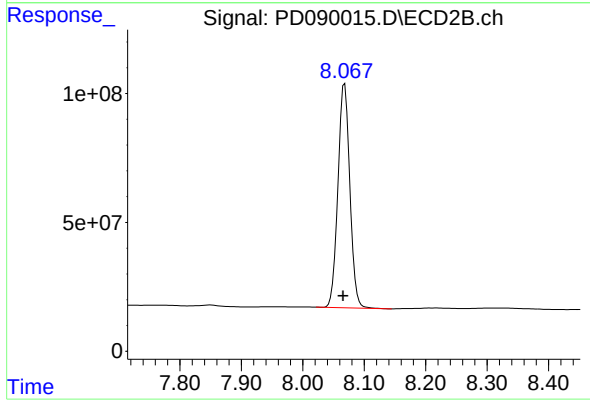
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/25/2025

Supervised By :mohammad ahmed 08/26/2025



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 1173060304
Conc: 45.32 ng/ml