

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
 Data File : PD089432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 12:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:58:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.549	2.879	147.4E6	931.7E6	51.677	54.959
28)	SA Decachlor...	9.069	8.070	194.2E6	1064.8E6	49.451	53.862
Target Compounds							
2)	A alpha-BHC	3.998	3.391	303.6E6	1437.6E6	52.085	53.648
3)	MA gamma-BHC...	4.329	3.726	288.6E6	1326.7E6	51.707	53.590m
4)	MA Heptachlor	4.928	4.081	281.3E6	1311.8E6	51.594	52.390
5)	MB Aldrin	5.270	4.366	273.9E6	1301.6E6	51.559	53.748
6)	B beta-BHC	4.515	4.023	110.4E6	567.2E6	50.030	52.783
7)	B delta-BHC	4.763	4.260	279.5E6	1332.9E6	54.449	53.588
8)	B Heptachlo...	5.689	4.870	242.0E6	1209.7E6	50.171	55.243
9)	A Endosulfan I	6.073	5.244	228.9E6	1120.7E6	50.776	53.772
10)	B gamma-Chl...	5.945	5.122	244.8E6	1265.6E6	51.122	52.903m
11)	B alpha-Chl...	6.026	5.188	245.3E6	1217.8E6	50.700	53.186
12)	B 4,4'-DDE	6.195	5.373	221.0E6	1224.1E6	50.687	53.418
13)	MA Dieldrin	6.346	5.510	244.9E6	1231.4E6	51.038	53.056
14)	MA Endrin	6.573	5.787	200.3E6	1100.4E6	48.551	50.678
15)	B Endosulfa...	6.785	6.078	206.1E6	1059.4E6	51.069	52.452
16)	A 4,4'-DDD	6.704	5.927	176.2E6	1009.6E6	51.353	52.775
17)	MA 4,4'-DDT	7.019	6.181	187.8E6	1046.7E6	49.587	51.614
18)	B Endrin al...	6.914	6.256	148.2E6	773.6E6	48.378	50.524
19)	B Endosulfa...	7.148	6.479	189.9E6	1028.5E6	49.482	52.420
20)	A Methoxychlor	7.492	6.752	94168764	531.7E6	46.604	49.380
21)	B Endrin ke...	7.628	6.989	204.6E6	1137.5E6	50.230	52.658
22)	Mirex	8.112	7.182	149.3E6	869.7E6	49.114	52.147

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
Data File : PD089432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 12:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

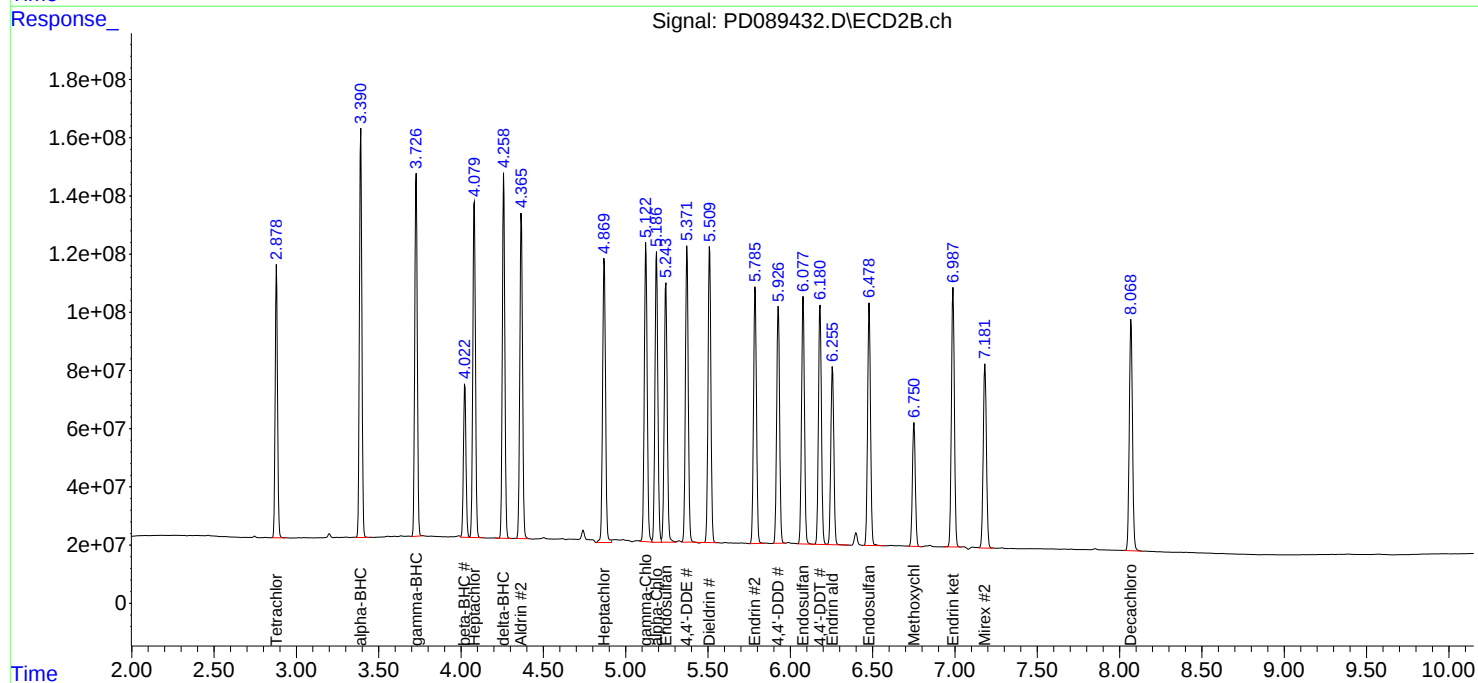
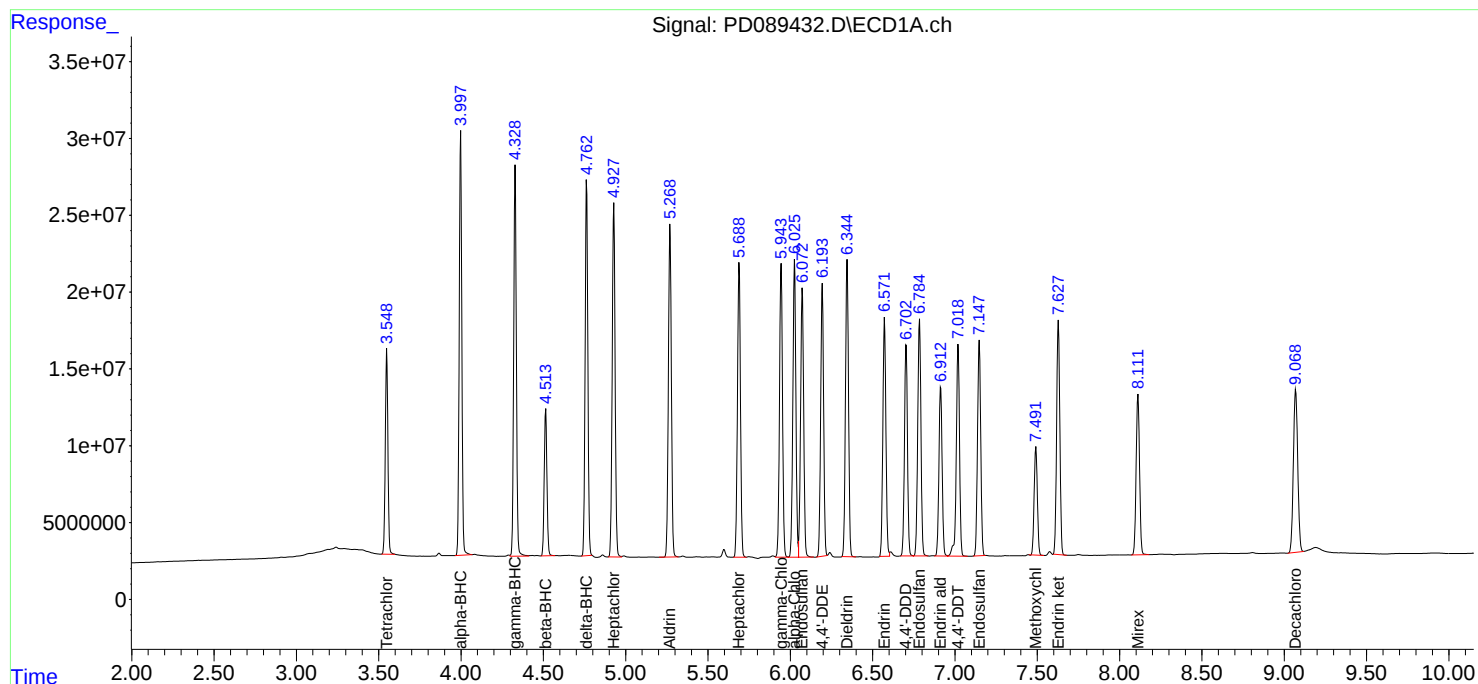
APPROVED

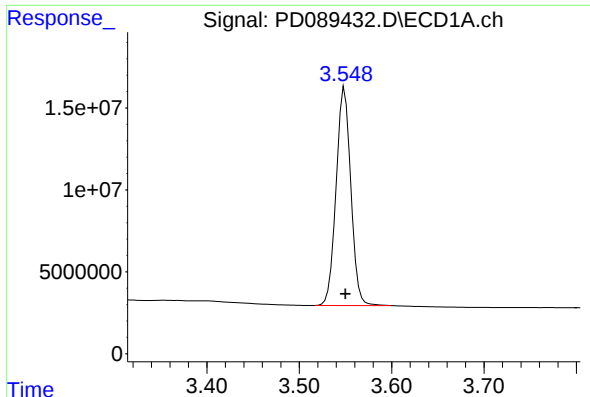
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:58:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





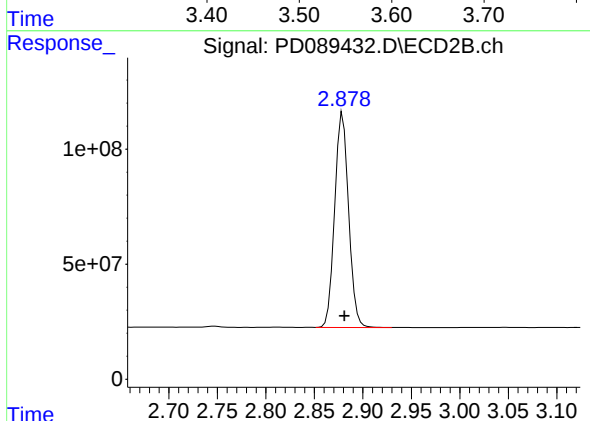
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 147440273
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

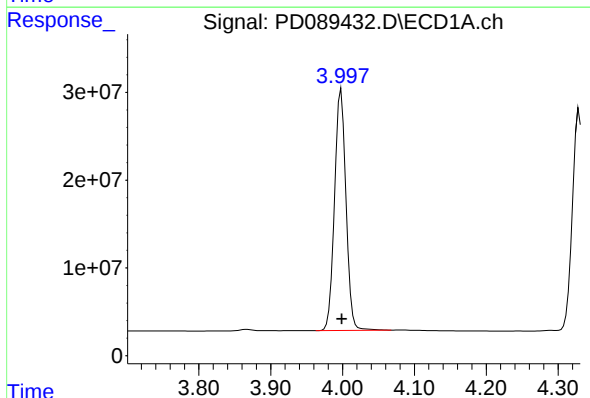
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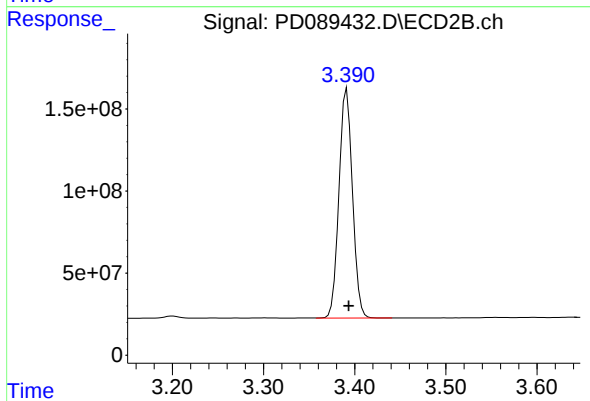
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.001 min
Response: 931729986
Conc: 54.96 ng/ml



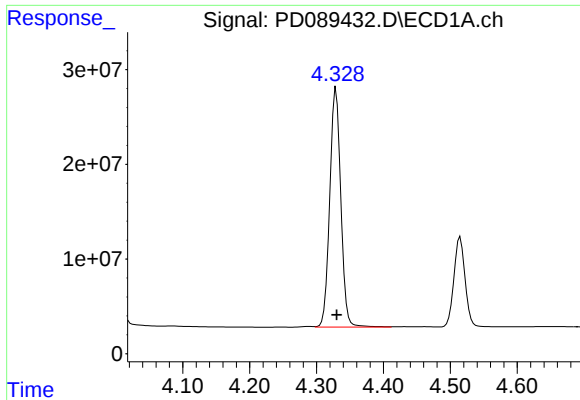
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 303605547
Conc: 52.08 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.002 min
Response: 1437617089
Conc: 53.65 ng/ml



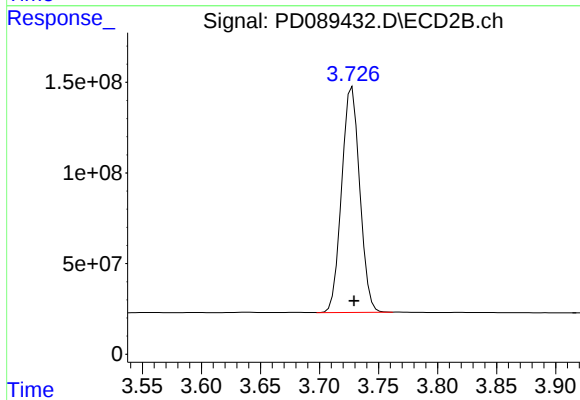
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 288612287
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

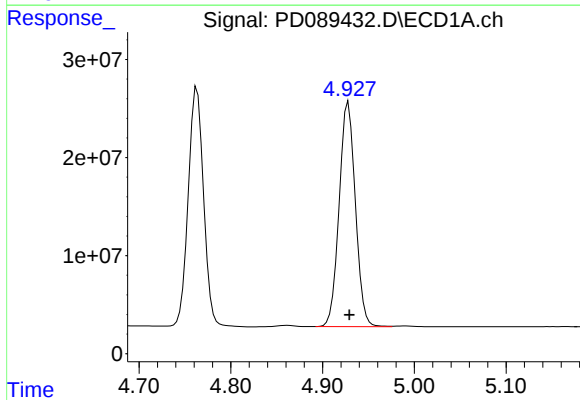
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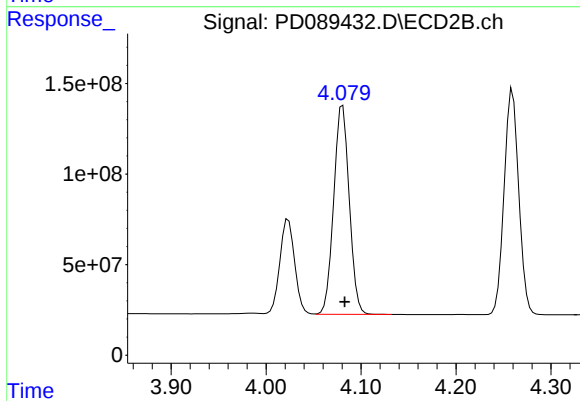
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.003 min
Response: 1326727552
Conc: 53.59 ng/ml m



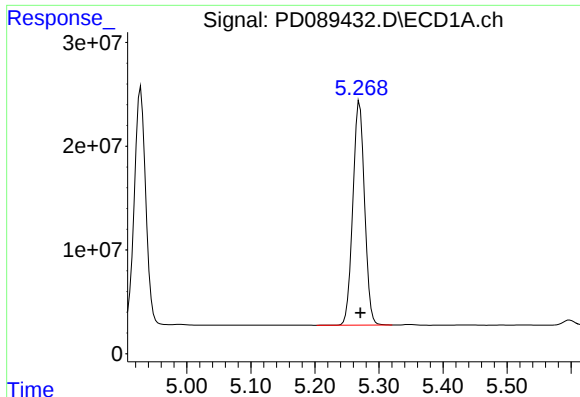
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.001 min
Response: 281287651
Conc: 51.59 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1311757843
Conc: 52.39 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.001 min
Response: 273933369
Conc: 51.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

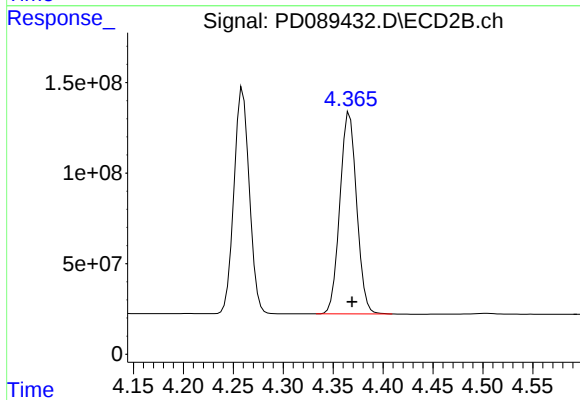
PSTDCCC050

Manual Integrations

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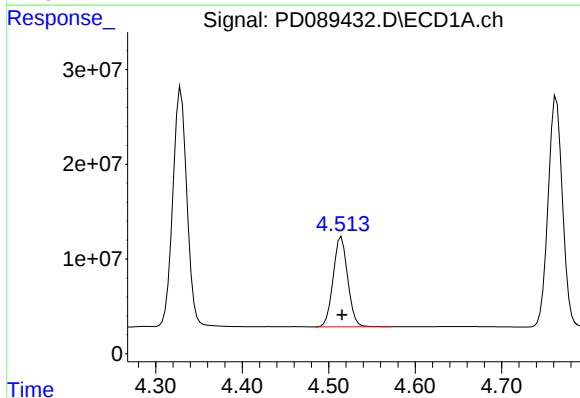
Reviewed By :Abdul Mirza 07/11/2025

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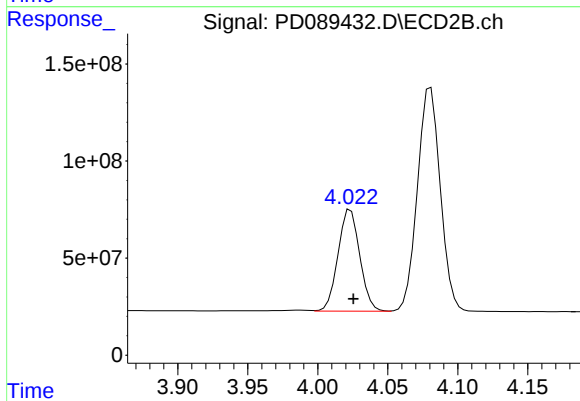
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.002 min
Response: 1301618912
Conc: 53.75 ng/ml



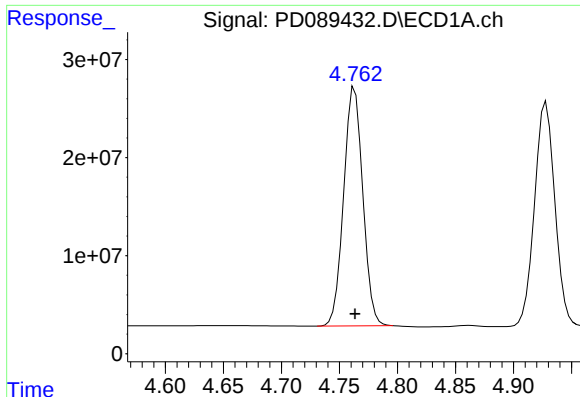
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 110422296
Conc: 50.03 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 567223976
Conc: 52.78 ng/ml



#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 279480406
Conc: 54.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

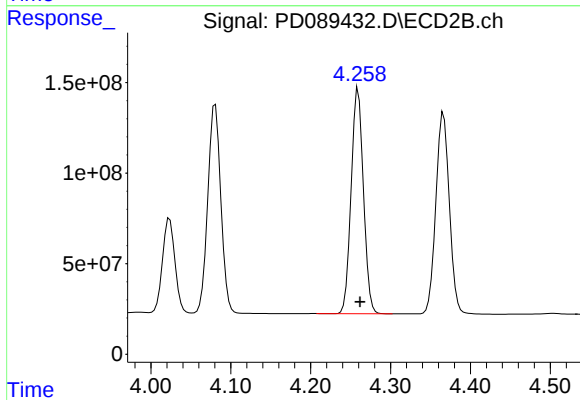
PSTDCCC050

Manual Integrations

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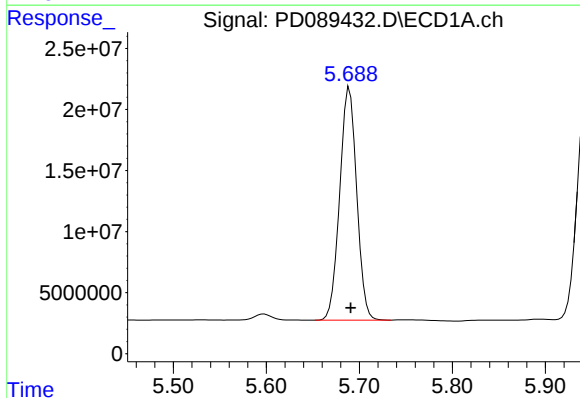
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/15/2025



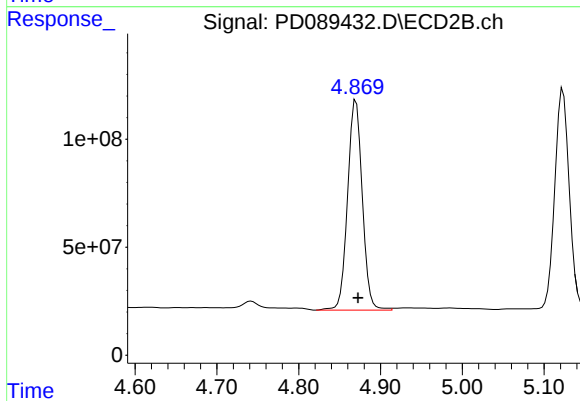
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 1332931039
Conc: 53.59 ng/ml



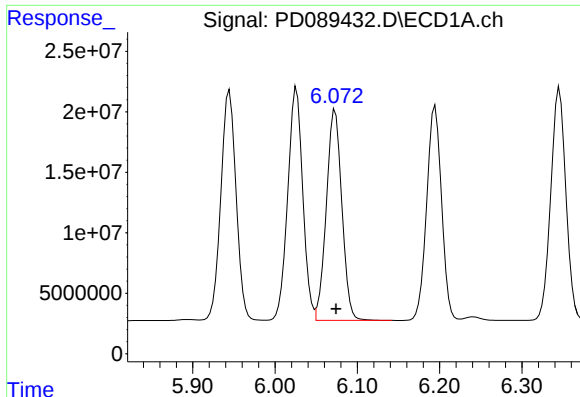
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 242022112
Conc: 50.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 1209725731
Conc: 55.24 ng/ml



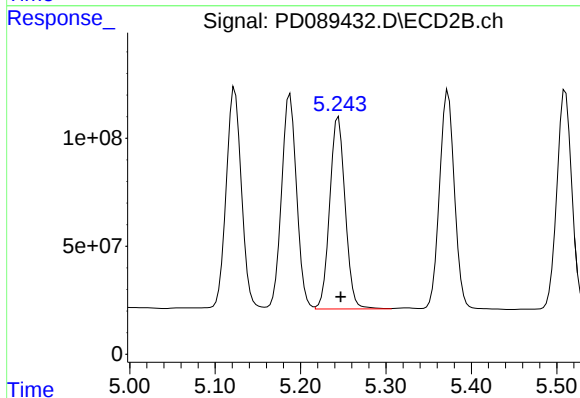
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 228870457
Conc: 50.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

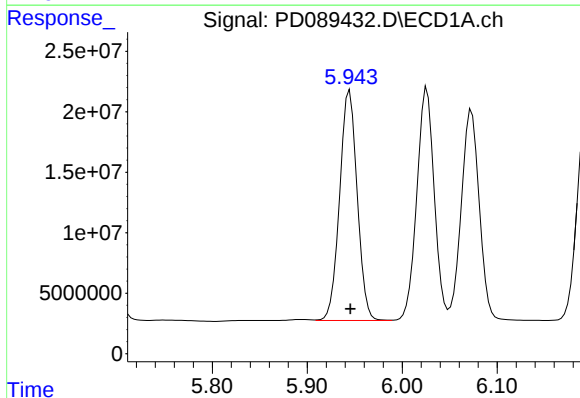
Manual Integrations
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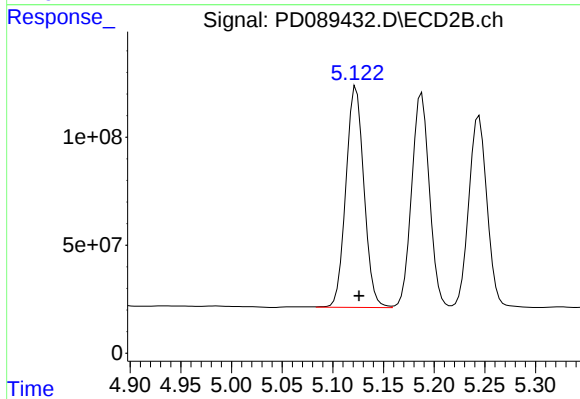
#9 Endosulfan I

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 1120731106
Conc: 53.77 ng/ml



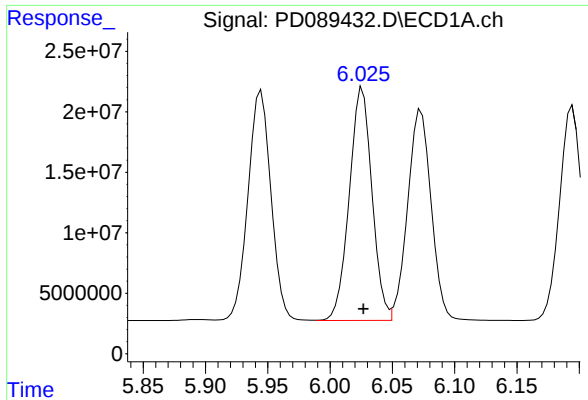
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 244776767
Conc: 51.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 1265579274
Conc: 52.90 ng/ml m



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 245315292
Conc: 50.70 ng/ml

Instrument :

ECD_D

ClientSampleId :

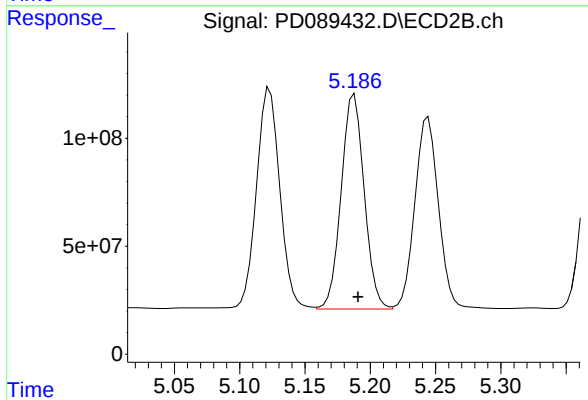
PSTDCCC050

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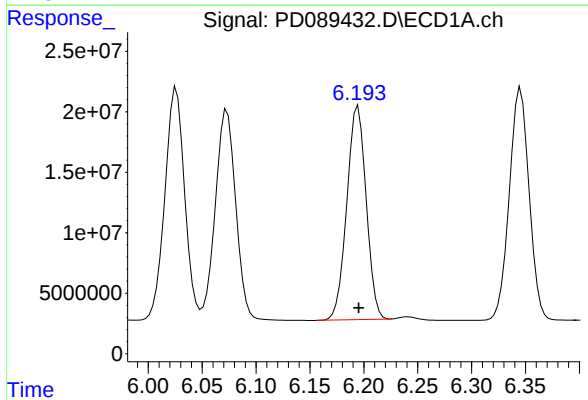
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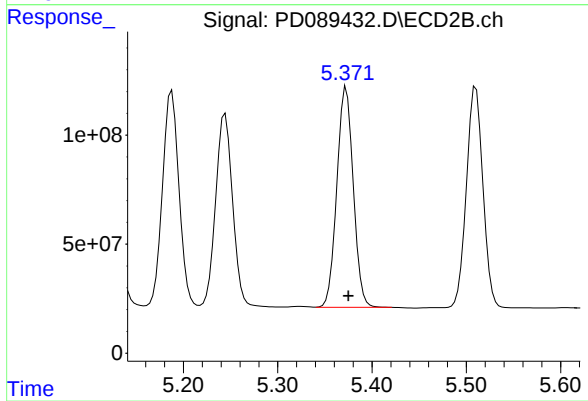
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 1217783532
Conc: 53.19 ng/ml



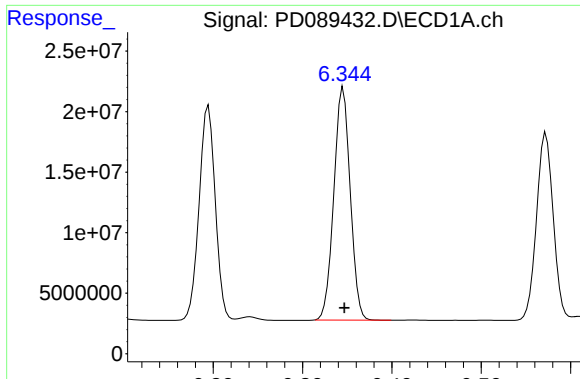
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 221045989
Conc: 50.69 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 1224125279
Conc: 53.42 ng/ml



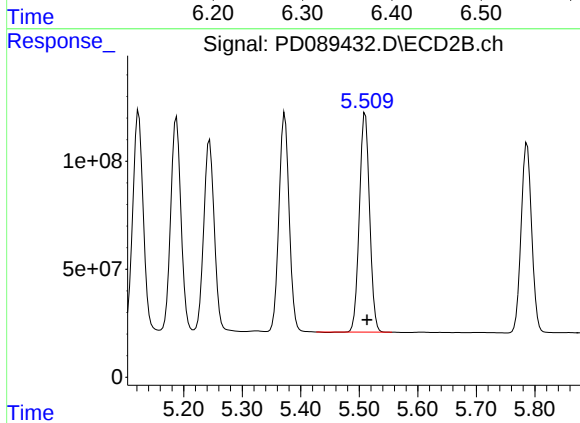
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 244855379
Conc: 51.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

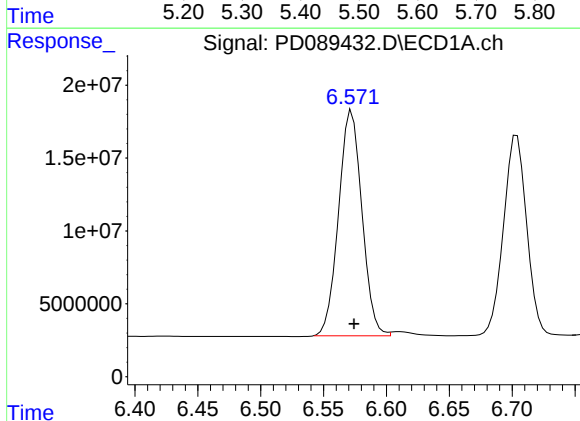
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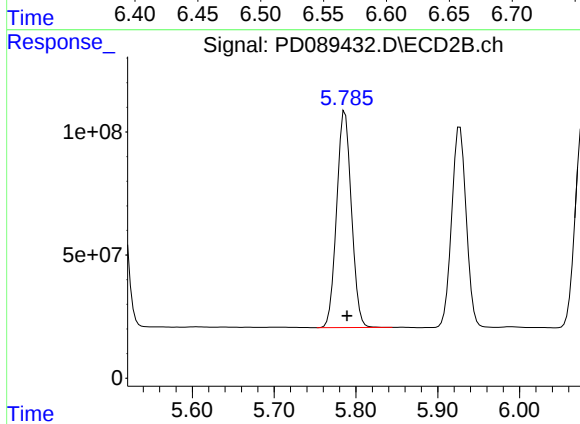
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 1231358673
Conc: 53.06 ng/ml



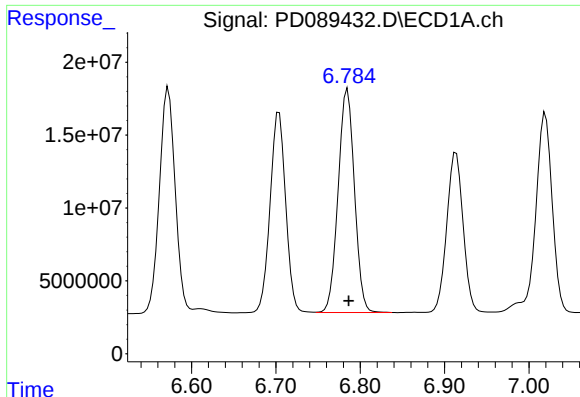
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 200301638
Conc: 48.55 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1100409281
Conc: 50.68 ng/ml



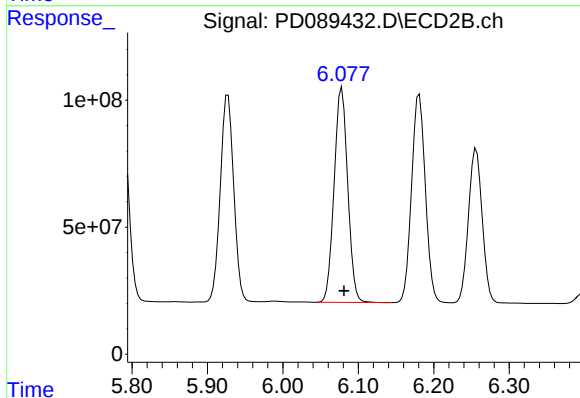
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 206146002
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

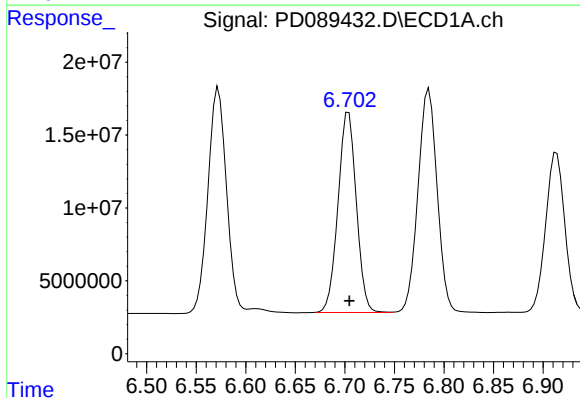
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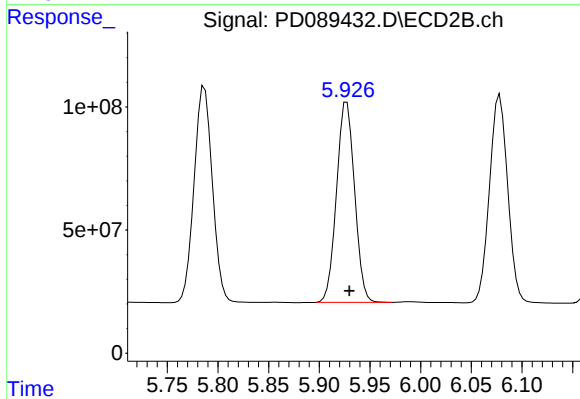
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 1059352580
Conc: 52.45 ng/ml



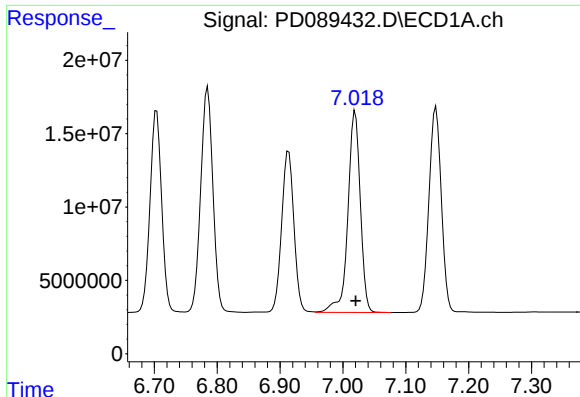
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 176247861
Conc: 51.35 ng/ml



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 1009556888
Conc: 52.78 ng/ml



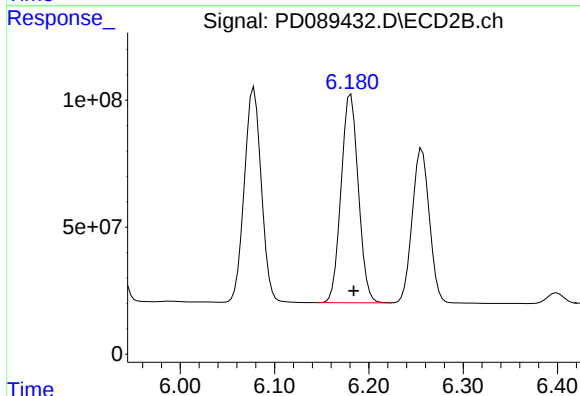
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 187846239
Conc: 49.59 ng/ml

Instrument :
ECD_D
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PSTDCCC050

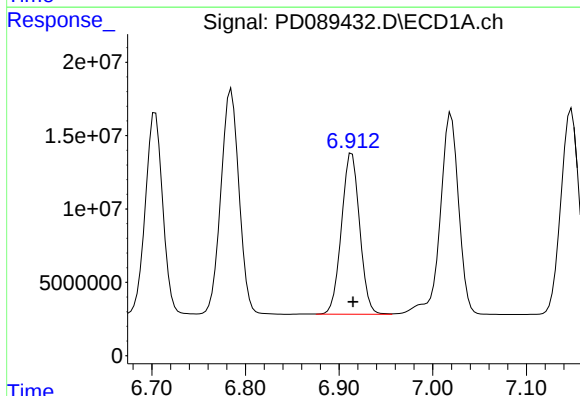
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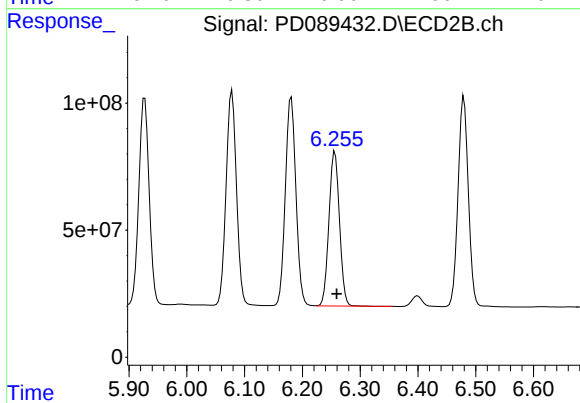
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 1046697637
Conc: 51.61 ng/ml



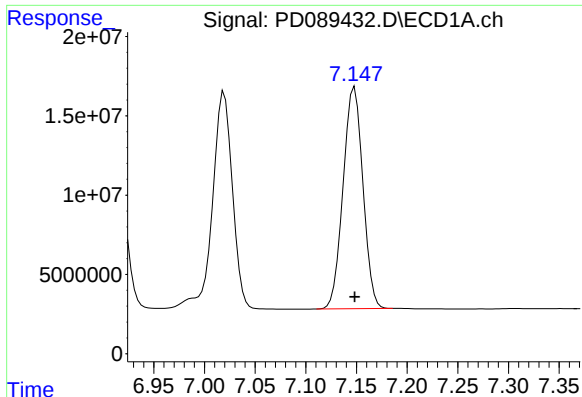
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 148226628
Conc: 48.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 773585746
Conc: 50.52 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 189872275
Conc: 49.48 ng/ml

Instrument :

ECD_D

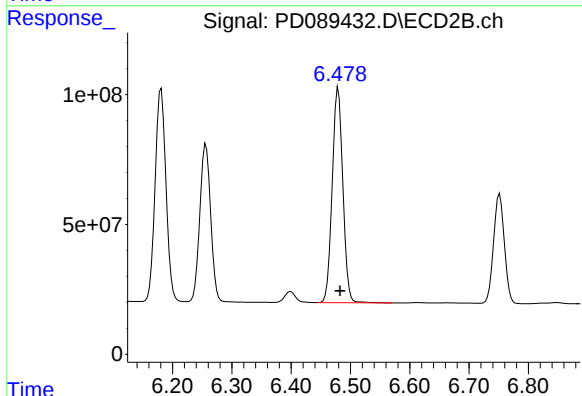
ClientSampleId :

PSTDCCC050

Manual Integrations

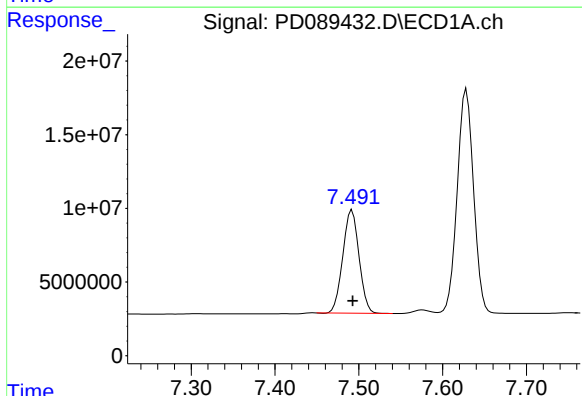
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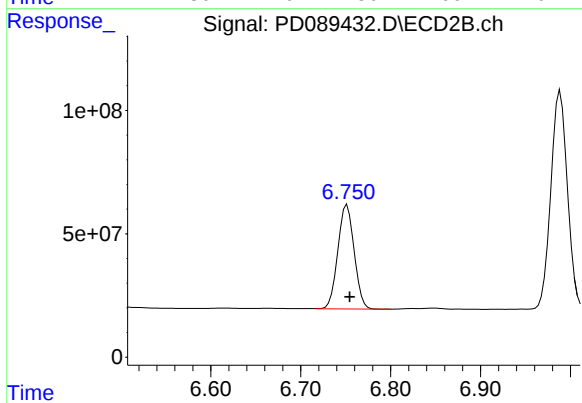
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.003 min
Response: 1028545174
Conc: 52.42 ng/ml



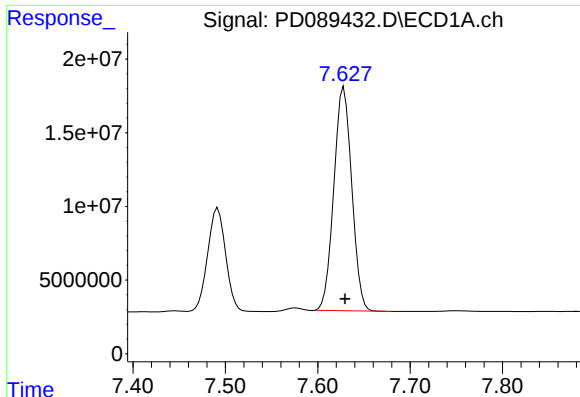
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 94168764
Conc: 46.60 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 531728835
Conc: 49.38 ng/ml



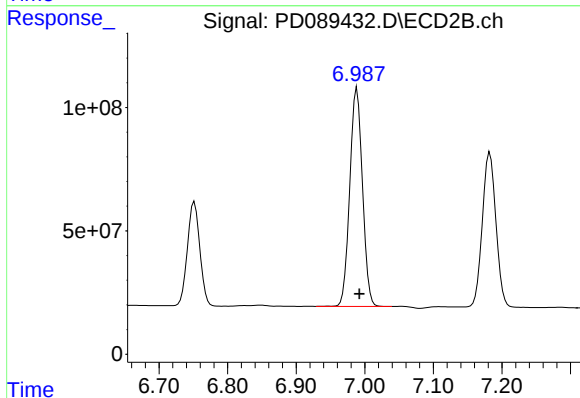
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 204588783
Conc: 50.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

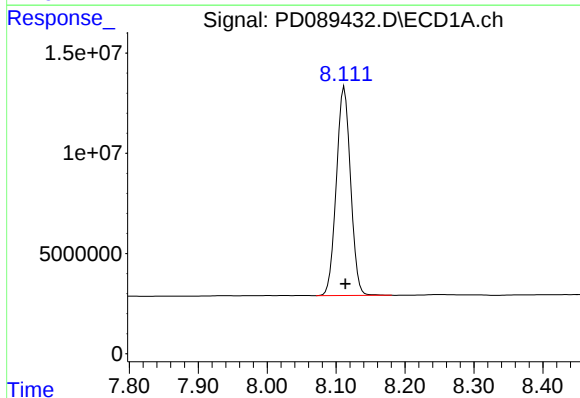
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



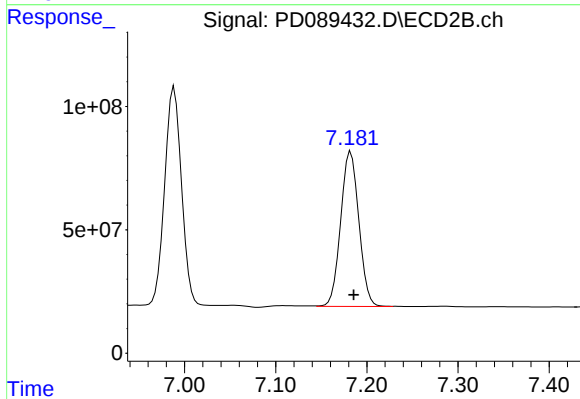
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 1137505842
Conc: 52.66 ng/ml



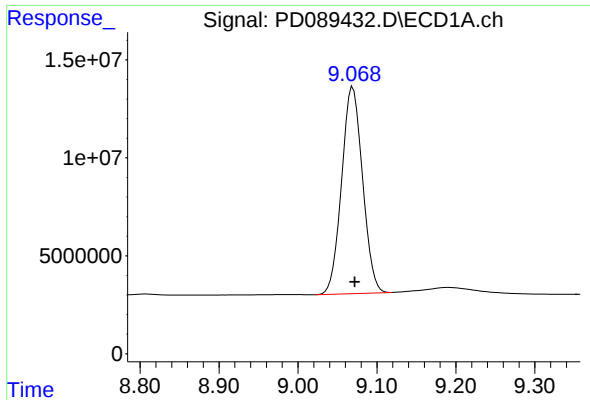
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.001 min
Response: 149313139
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 869712000
Conc: 52.15 ng/ml



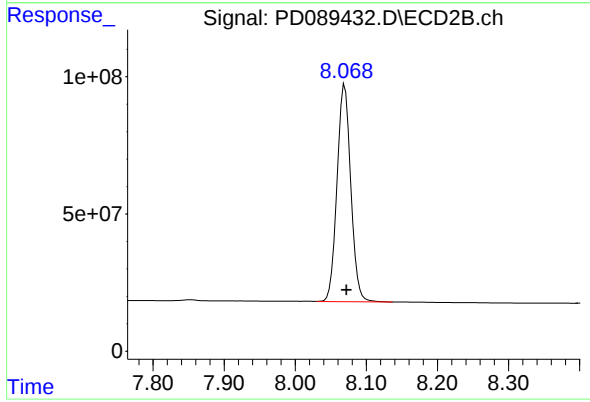
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 194226140
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.003 min
Response: 1064846577
Conc: 53.86 ng/ml