

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110822\
 Data File : PL078934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2022 22:57
 Operator : AR\AJ
 Sample : PB148899BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148899BS

Manual Integrations
 APPROVED

Reviewed By :Abdul
 Mirza

11/10/2022
 Supervised By :Ankita
 Jodhani

11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 23:35:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.321	2.568	37655656	49213917	19.746	19.275
28)	SA Decachlor...	8.767	7.634	33057048	44167943	21.974	23.319
Target Compounds							
2)	A alpha-BHC	3.781	3.055	174.4E6	219.1E6	60.737	55.473
3)	MA gamma-BHC...	4.114	3.375	162.3E6	201.9E6	60.735	56.179
4)	MA Heptachlor	4.684	3.702	167.2E6	200.9E6	64.416	57.934
5)	MB Aldrin	5.022	3.973	158.6E6	201.6E6	64.019	57.560
6)	B beta-BHC	4.329	3.675	69151225	77193252	60.029	53.799
7)	B delta-BHC	4.569	3.894	137.5E6	204.8E6	60.382	56.238
8)	B Heptachlo...	5.455	4.470	142.9E6	175.3E6	67.322	58.185
9)	A Endosulfan I	5.838	4.832	132.9E6	164.5E6	62.307	57.447
10)	B gamma-Chl...	5.711	4.717	144.9E6	174.7E6	64.191	57.018
11)	B alpha-Chl...	5.787	4.779	143.5E6	171.3E6	62.020	57.462
12)	B 4,4'-DDE	5.970	4.974	127.3E6	159.2E6	63.590	58.480
13)	MA Dieldrin	6.117	5.093	139.6E6	172.1E6	64.738	58.088
14)	MA Endrin	6.346	5.364	122.0E6	159.6E6	64.283	61.261
15)	B Endosulfa...	6.576	5.659	116.5E6	152.1E6	62.105	66.836m
16)	A 4,4'-DDD	6.495	5.523	104.0E6	139.3E6	62.369	63.411m
17)	MA 4,4'-DDT	6.804	5.769	111.9E6	142.8E6	62.459	65.820m
18)	B Endrin al...	6.708	5.839	92872608	115.6E6	63.827	61.592
19)	B Endosulfa...	6.941	6.062	114.4E6	149.3E6	62.186	62.708
20)	A Methoxychlor	7.288	6.347	59923790	75688730	65.072	66.698
21)	B Endrin ke...	7.425	6.557	120.8E6	167.7E6	64.191m	64.893
22)	Mirex	7.883	6.729	90048554	118.5E6	61.685	60.212

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

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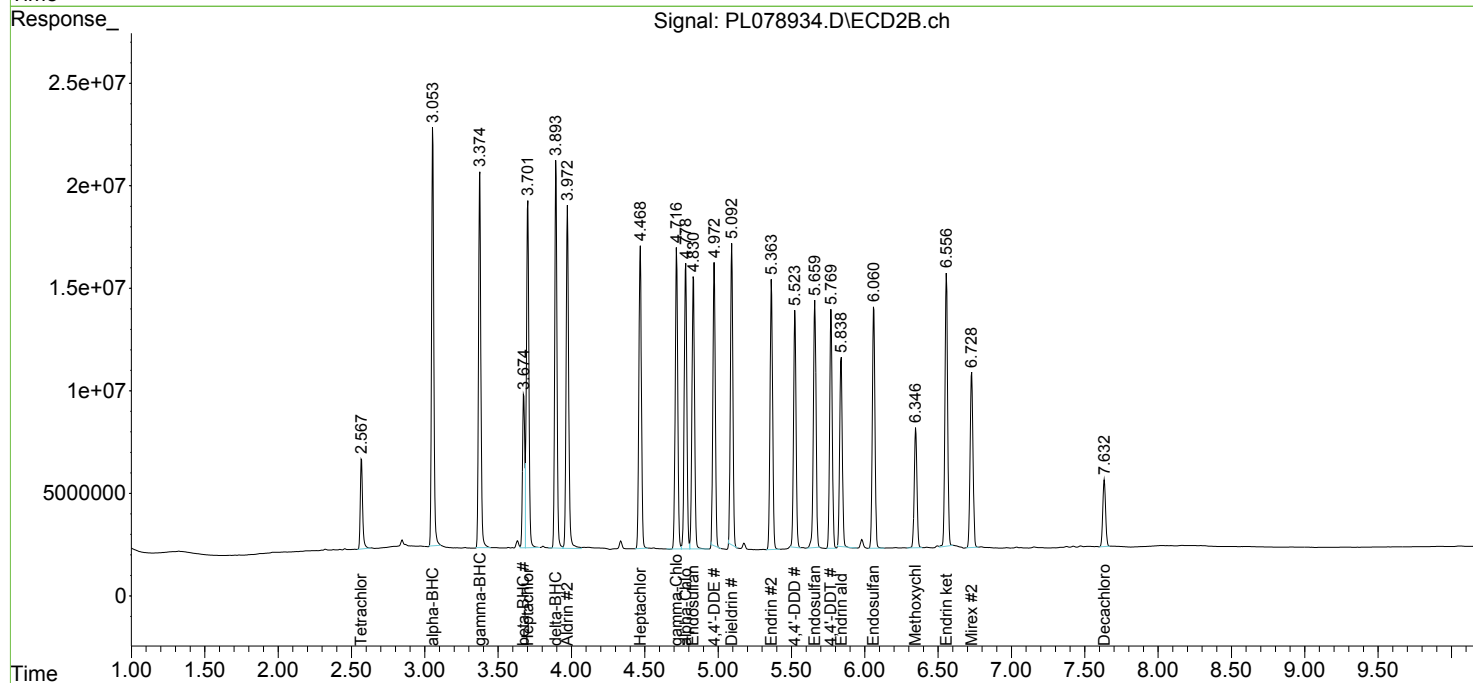
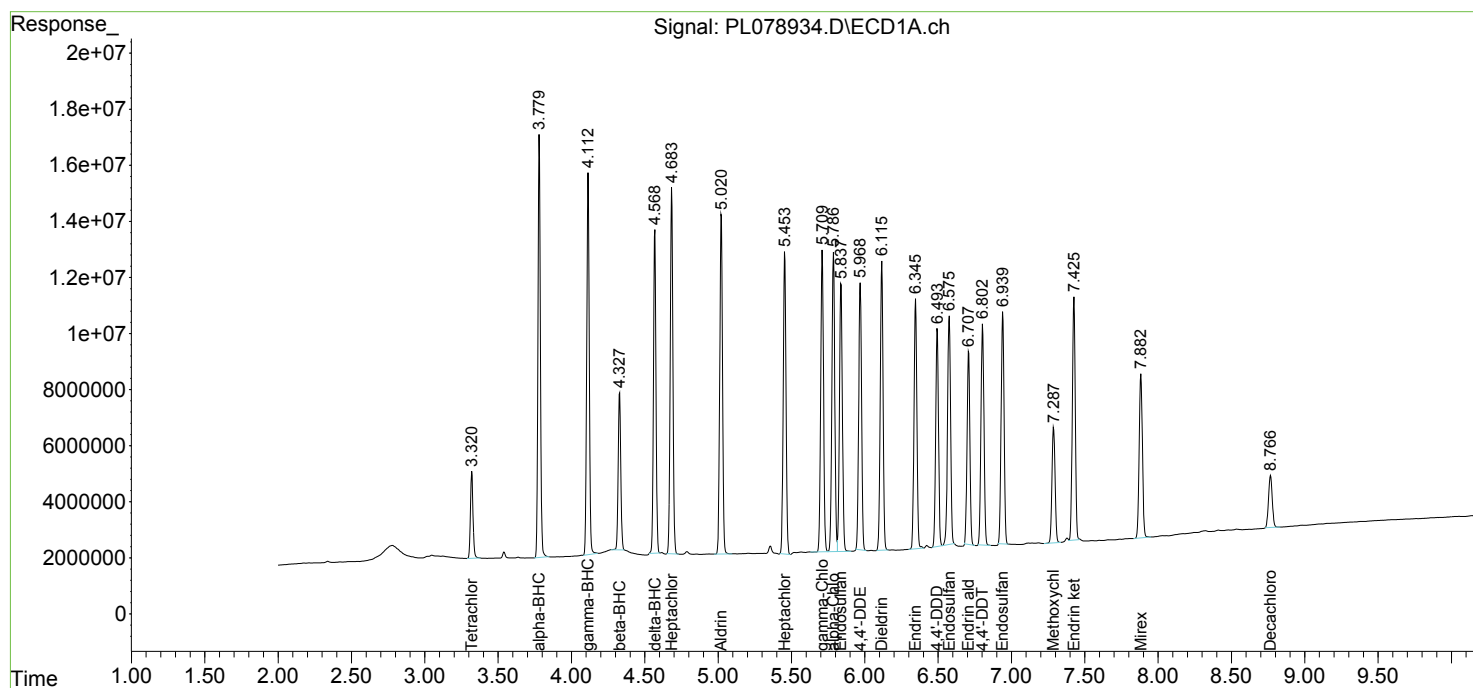
Reviewed By : Abdul
Mirza

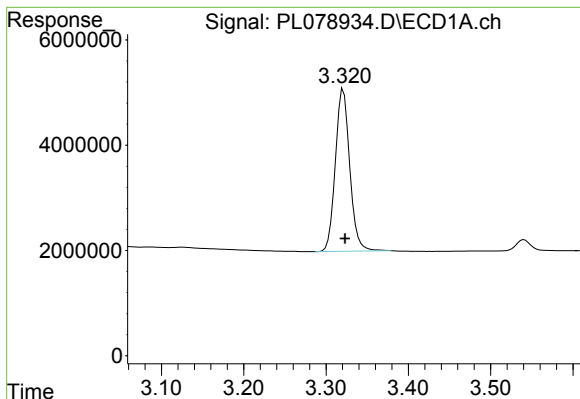
11/10/2022
Supervised By : Ankita
Jodhani

11/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 23:35:36 2022
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 37655656
Conc: 19.75 ng/ml

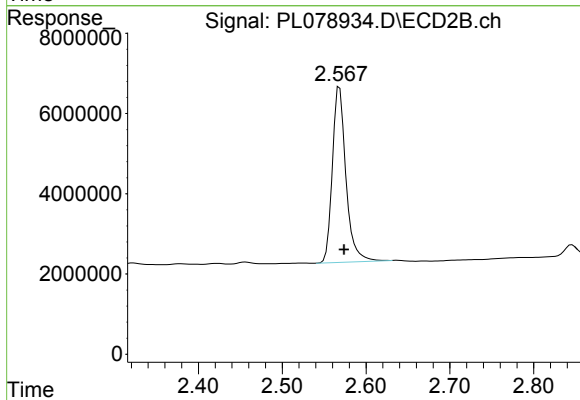
Instrument :
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Reviewed By :Abdul
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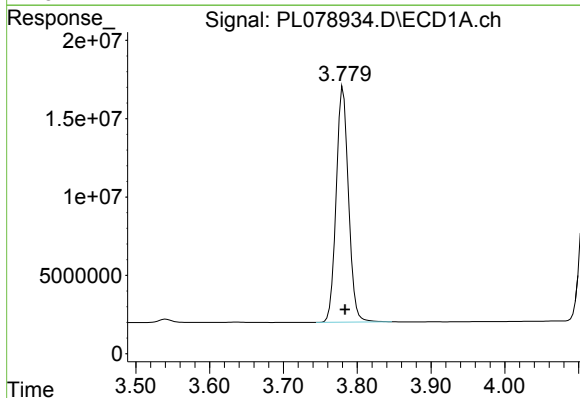
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Supervised By :Ankita
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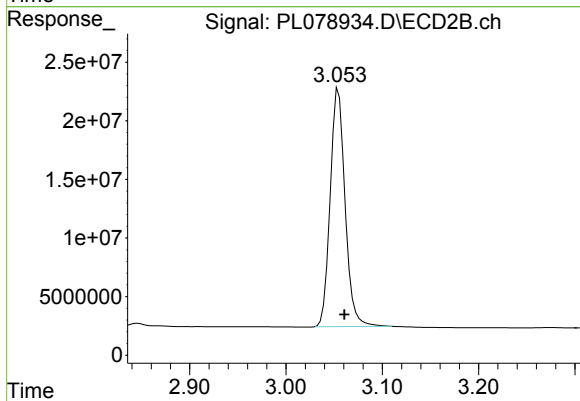
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.005 min
Response: 49213917
Conc: 19.28 ng/ml



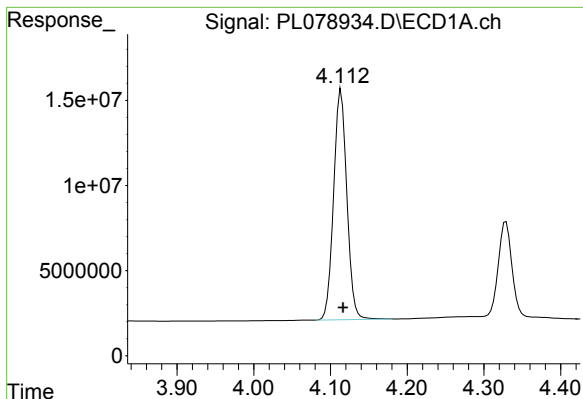
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 174398562
Conc: 60.74 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 219066596
Conc: 55.47 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.003 min
Response: 162267879
Conc: 60.74 ng/ml

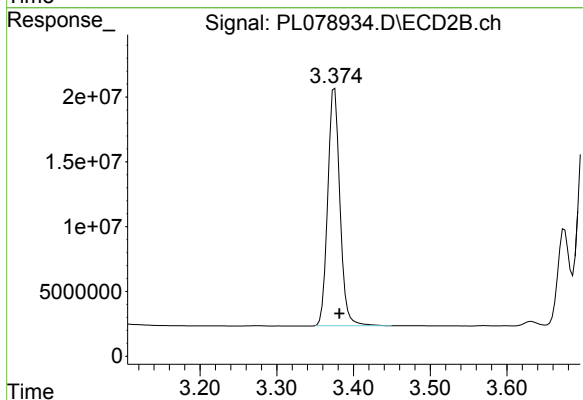
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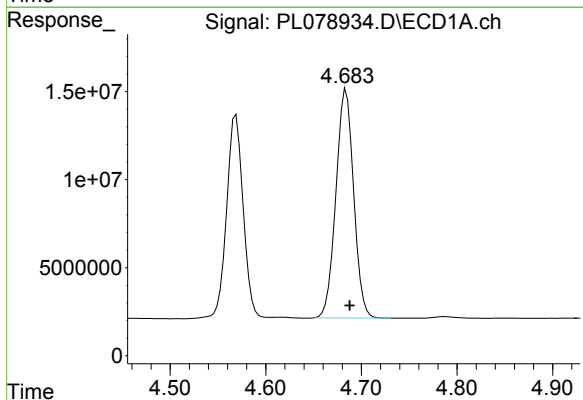
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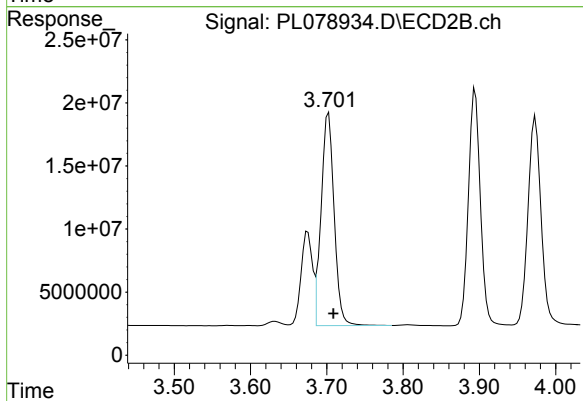
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 201918333
Conc: 56.18 ng/ml



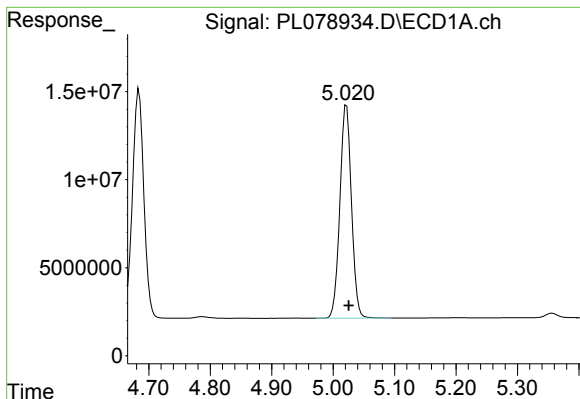
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 167225703
Conc: 64.42 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.006 min
Response: 200902738
Conc: 57.93 ng/ml



#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 158556971
Conc: 64.02 ng/ml

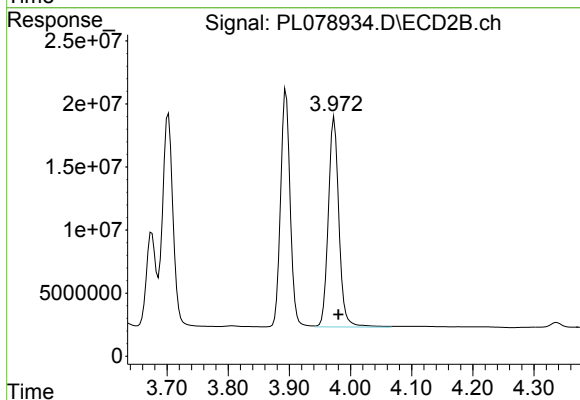
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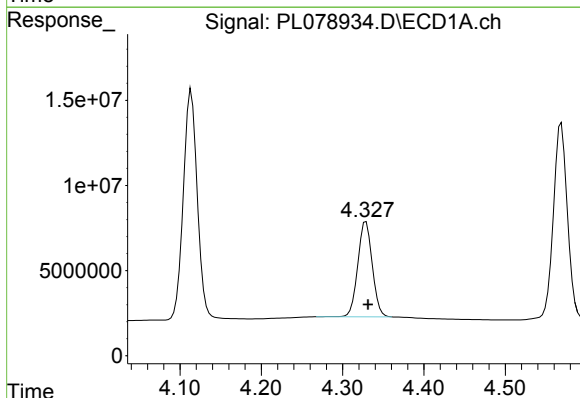
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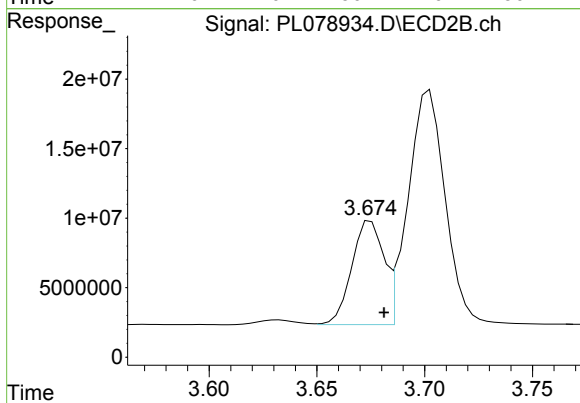
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.007 min
Response: 201556487
Conc: 57.56 ng/ml



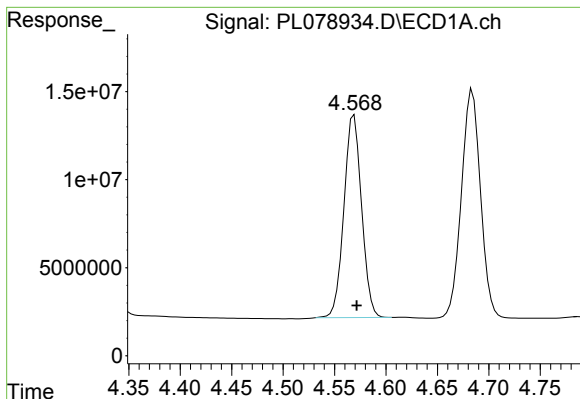
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 69151225
Conc: 60.03 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 77193252
Conc: 53.80 ng/ml



#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.003 min
Response: 137480173
Conc: 60.38 ng/ml

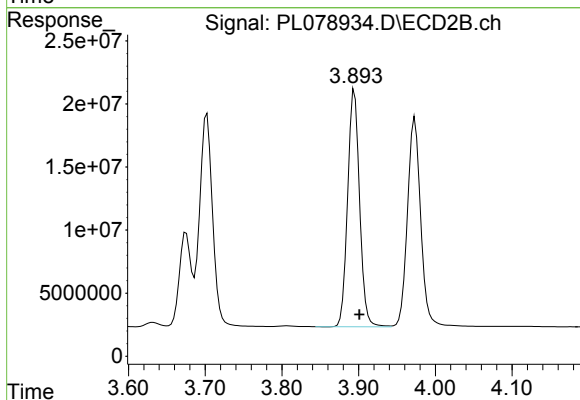
Instrument :
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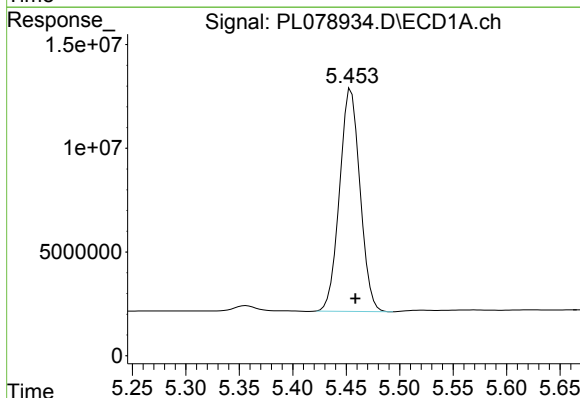
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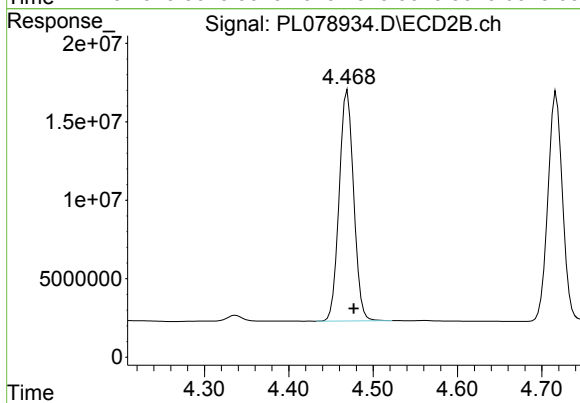
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.006 min
Response: 204780842
Conc: 56.24 ng/ml



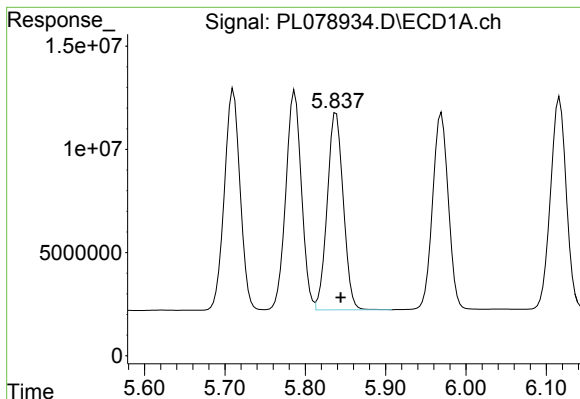
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.004 min
Response: 142925066
Conc: 67.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.008 min
Response: 175323128
Conc: 58.18 ng/ml



#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.006 min
Response: 132936706
Conc: 62.31 ng/ml

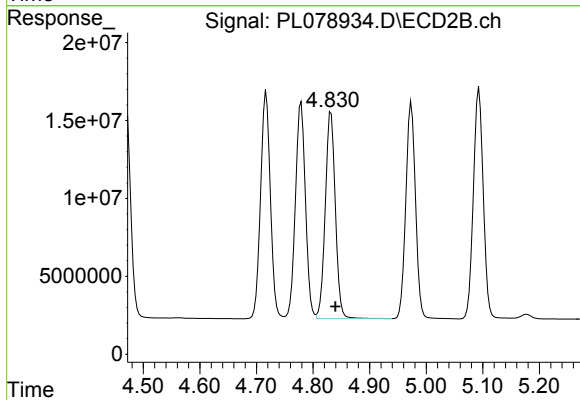
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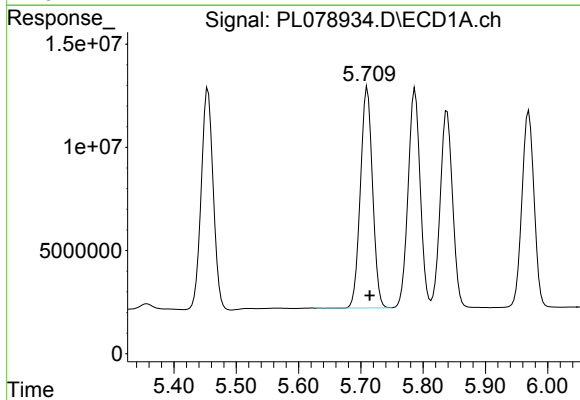
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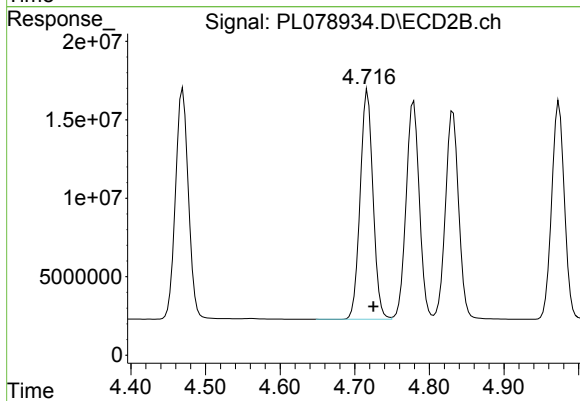
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.008 min
Response: 164450976
Conc: 57.45 ng/ml



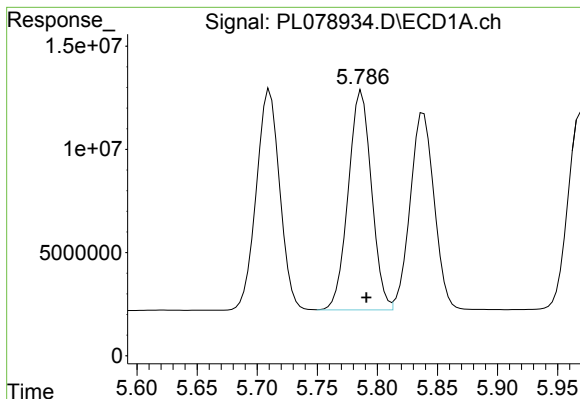
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 144888201
Conc: 64.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 174729996
Conc: 57.02 ng/ml



#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 143500117
Conc: 62.02 ng/ml

Instrument :

ECD_L

ClientSampleId :

PB148899BS

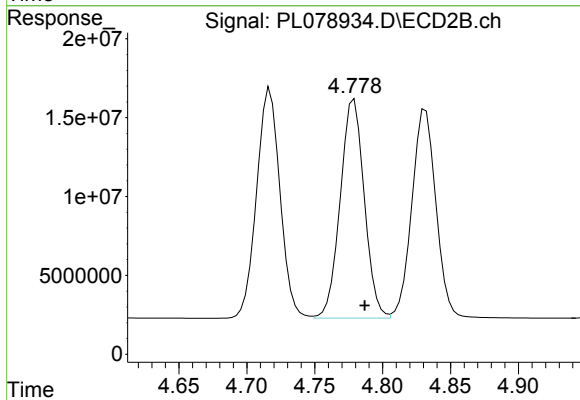
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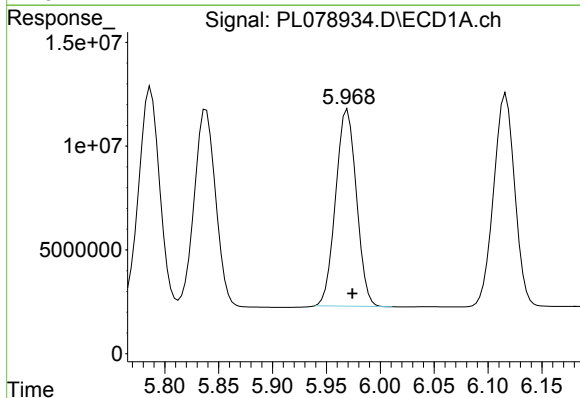
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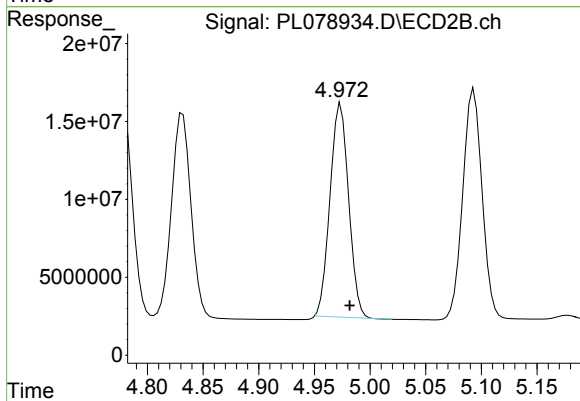
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: -0.008 min
Response: 171257956
Conc: 57.46 ng/ml



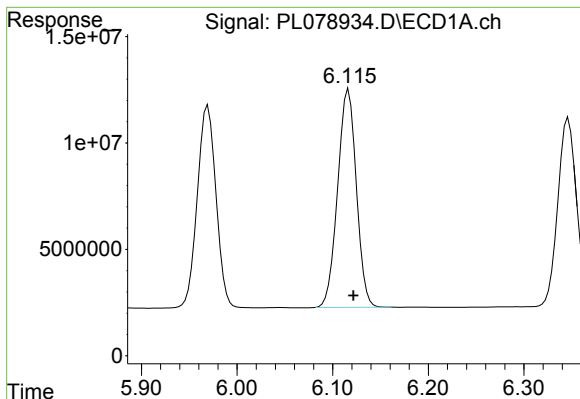
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 127265050
Conc: 63.59 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: -0.008 min
Response: 159213511
Conc: 58.48 ng/ml



#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 139608520
Conc: 64.74 ng/ml

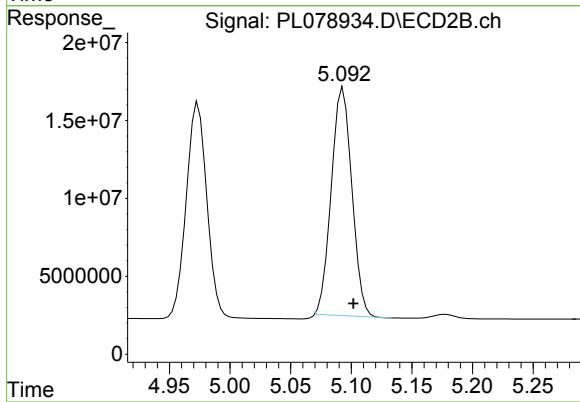
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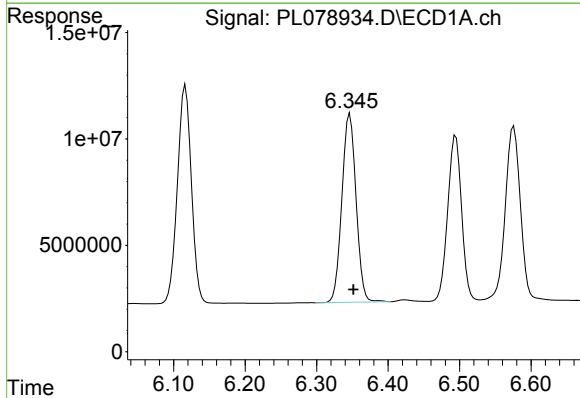
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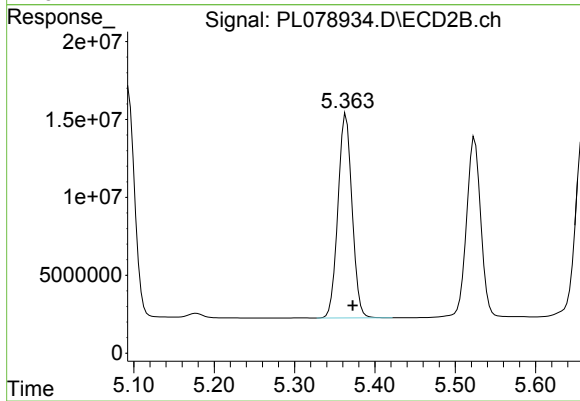
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 172121272
Conc: 58.09 ng/ml



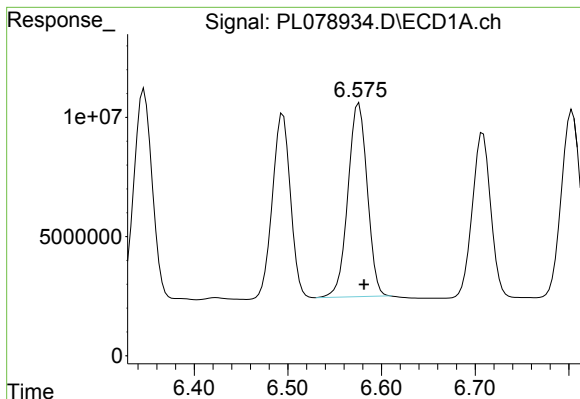
#14 Endrin

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 121997956
Conc: 64.28 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: -0.009 min
Response: 159600847
Conc: 61.26 ng/ml



#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 116518444
Conc: 62.10 ng/ml

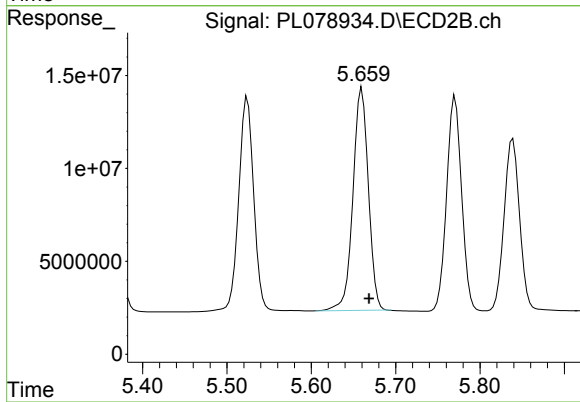
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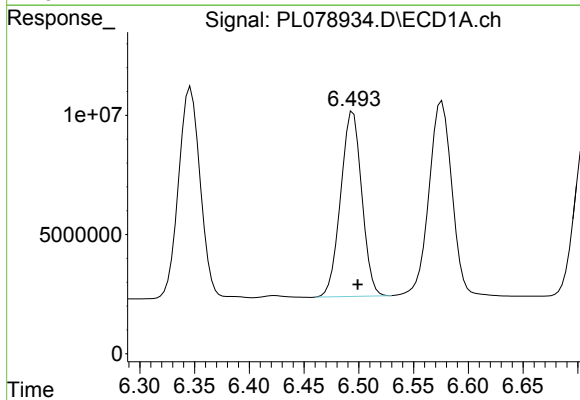
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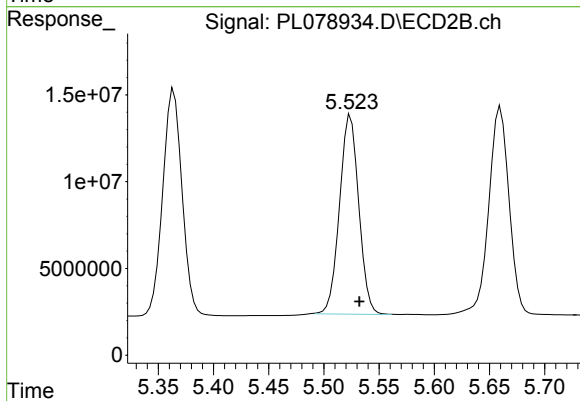
#15 Endosulfan II

R.T.: 5.659 min
Delta R.T.: -0.010 min
Response: 152136298
Conc: 66.84 ng/ml m



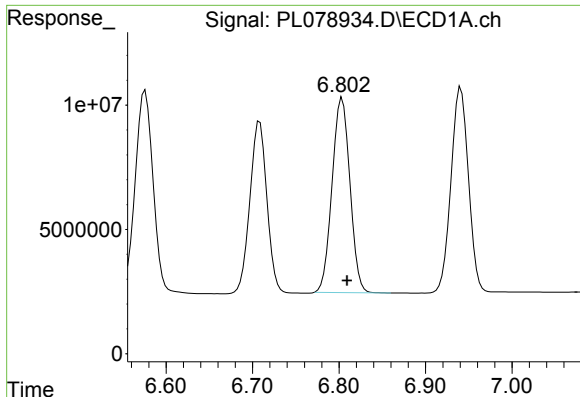
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 103970716
Conc: 62.37 ng/ml



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: -0.009 min
Response: 139274294
Conc: 63.41 ng/ml m



#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: -0.006 min
Response: 111946060
Conc: 62.46 ng/ml

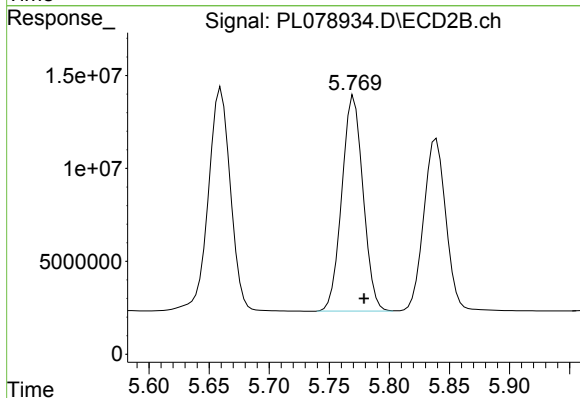
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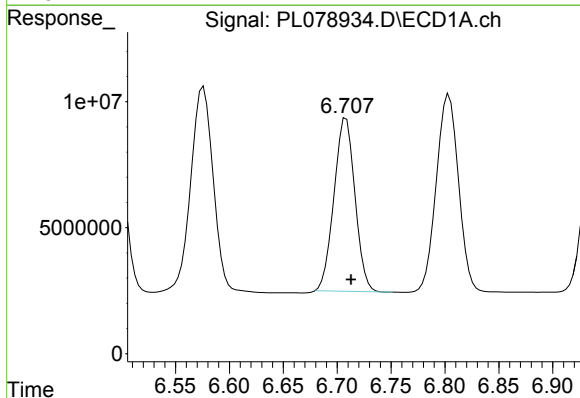
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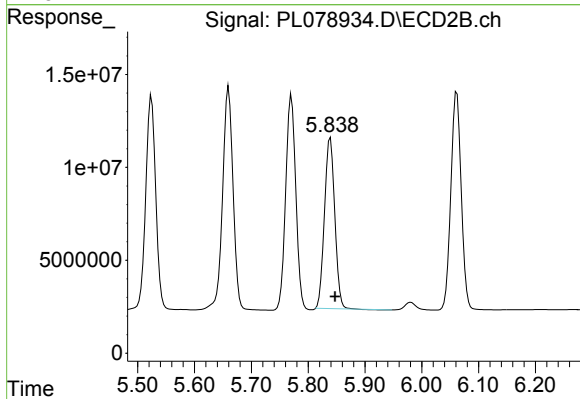
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: -0.010 min
Response: 142772941
Conc: 65.82 ng/ml m



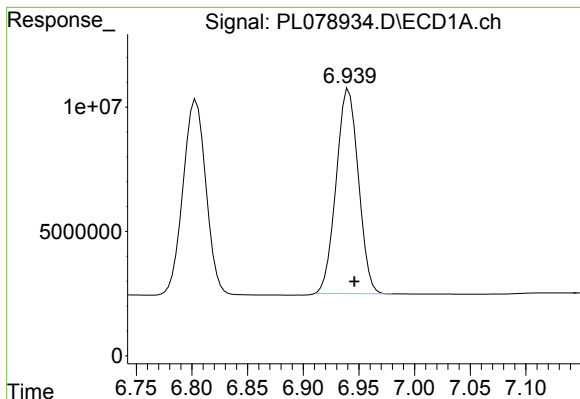
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 92872608
Conc: 63.83 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 115594995
Conc: 61.59 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.005 min
Response: 114417426
Conc: 62.19 ng/ml

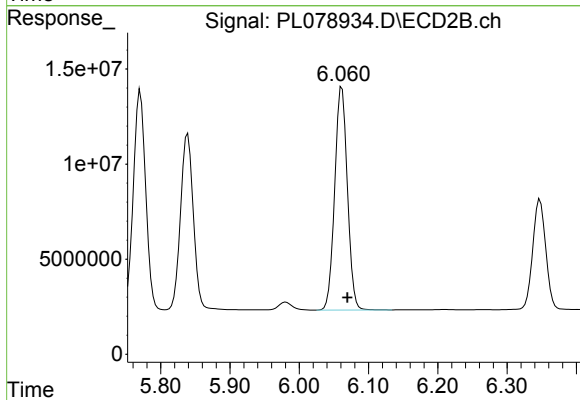
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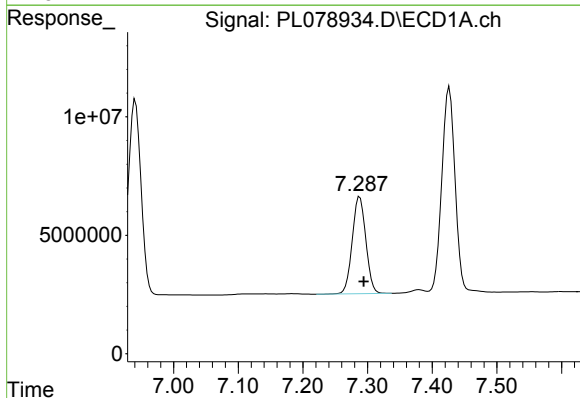
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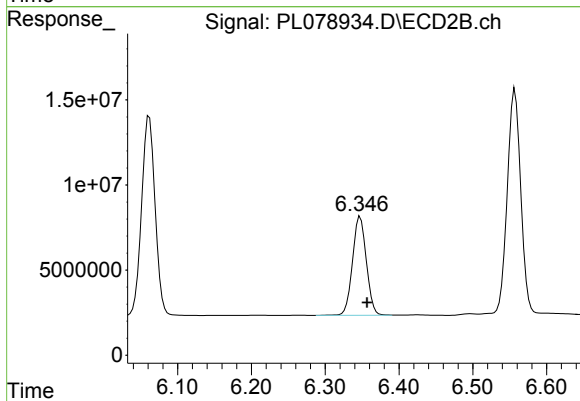
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.008 min
Response: 149275640
Conc: 62.71 ng/ml



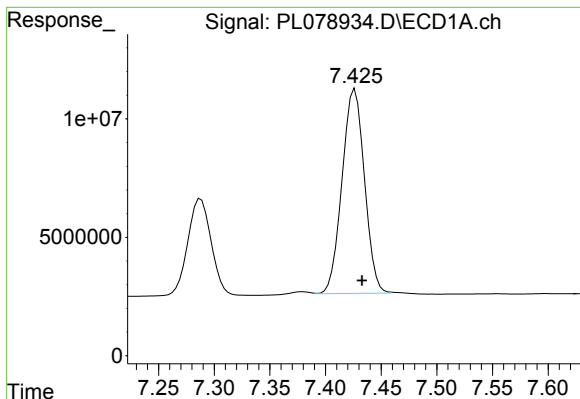
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 59923790
Conc: 65.07 ng/ml



#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: -0.009 min
Response: 75688730
Conc: 66.70 ng/ml



#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: -0.008 min
Response: 120768700
Conc: 64.19 ng/ml

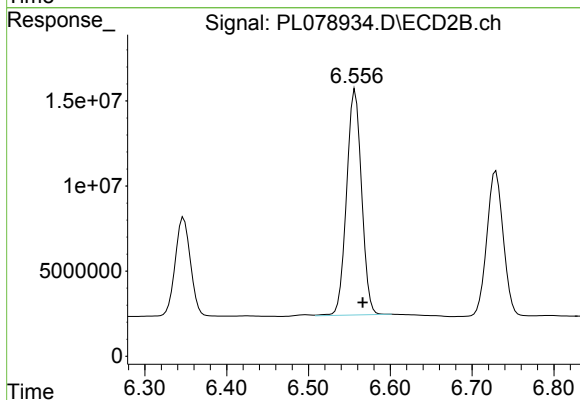
Instrument :
ECD_L
ClientSampleId :
PB148899BS

Manual Integrations
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Reviewed By :Abdul
Mirza

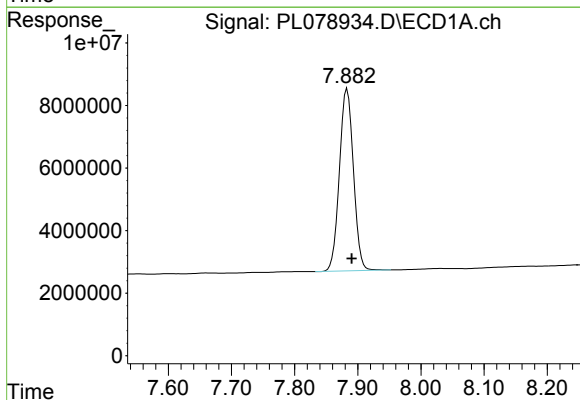
11/10/2022
Supervised By :Ankita
Jodhani

11/10/2022



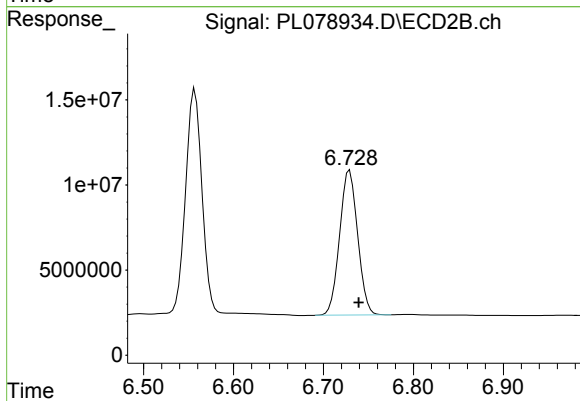
#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 167730753
Conc: 64.89 ng/ml



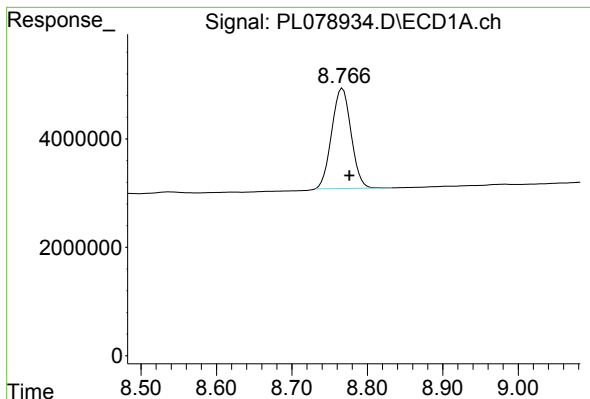
#22 Mirex

R.T.: 7.883 min
Delta R.T.: -0.007 min
Response: 90048554
Conc: 61.68 ng/ml



#22 Mirex

R.T.: 6.729 min
Delta R.T.: -0.010 min
Response: 118495209
Conc: 60.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.009 min
Response: 33057048
Conc: 21.97 ng/ml

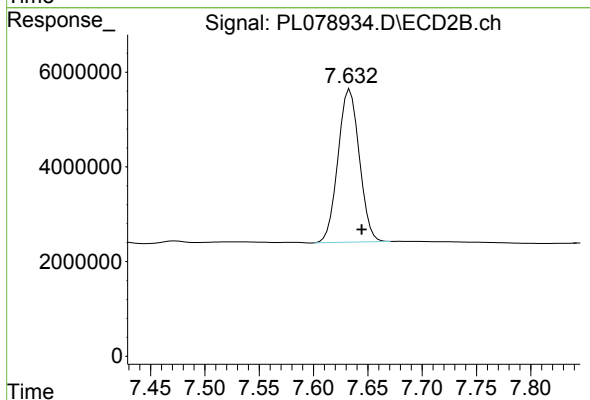
Instrument :
ECD_L
ClientSampleId :
PB148899BS

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

11/10/2022
Supervised By :Ankita
Jodhani

11/10/2022



#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.011 min
Response: 44167943
Conc: 23.32 ng/ml