

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120224\
 Data File : PD086988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2024 12:17
 Operator : AR\AJ
 Sample : PB165311BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB165311BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

12/03/2024
 Supervised By :Ankita
 Jodhani

12/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 23:55:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 Qlast Update : Wed Nov 27 15:47:26 2024
 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...	3.558	2.884	39405596	244.8E6	19.705m	21.386
28)	SA Decachlor...	9.090	8.086	56944703	266.5E6	17.902	19.129
Target Compounds							
2)	A alpha-BHC	4.009	3.398	222.1E6	961.4E6	55.205	54.561
3)	MA gamma-BHC...	4.340	3.735	213.5E6	897.7E6	53.533	53.451
4)	MA Heptachlor	4.941	4.090	218.7E6	896.0E6	55.696	55.122
5)	MB Aldrin	5.282	4.377	214.9E6	872.3E6	52.716	52.179
6)	B beta-BHC	4.524	4.030	85544907	395.3E6	54.238	55.194
7)	B delta-BHC	4.772	4.267	193.4E6	765.0E6	47.443	44.997
8)	B Heptachlo...	5.702	4.881	197.5E6	813.1E6	54.662	53.552
9)	A Endosulfan I	6.086	5.256	185.1E6	773.3E6	55.154	54.469
10)	B gamma-Chl...	5.957	5.134	197.6E6	866.2E6	55.936	55.684
11)	B alpha-Chl...	6.039	5.200	198.5E6	875.1E6	55.558	57.260
12)	B 4,4'-DDE	6.207	5.385	181.6E6	824.0E6	55.801	54.661
13)	MA Dieldrin	6.358	5.522	203.0E6	830.5E6	56.202	53.336
14)	MA Endrin	6.585	5.798	173.8E6	758.0E6	57.452m	54.187
15)	B Endosulfa...	6.797	6.090	166.3E6	747.9E6	55.620	54.337
16)	A 4,4'-DDD	6.717	5.940	144.4E6	663.9E6	55.548	52.821
17)	MA 4,4'-DDT	7.033	6.194	153.9E6	713.3E6	54.484	53.496
18)	B Endrin al...	6.926	6.268	124.6E6	553.4E6	50.964	49.885
19)	B Endosulfa...	7.160	6.492	152.7E6	694.6E6	52.473	51.335
20)	A Methoxychlor	7.505	6.766	83775138	339.0E6	52.383	47.253
21)	B Endrin ke...	7.642	7.001	175.6E6	776.4E6	54.117	51.511
22)	Mirex	8.126	7.197	123.2E6	596.6E6	49.372	48.380

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120224\
Data File : PD086988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2024 12:17
Operator : AR\AJ
Sample : PB165311BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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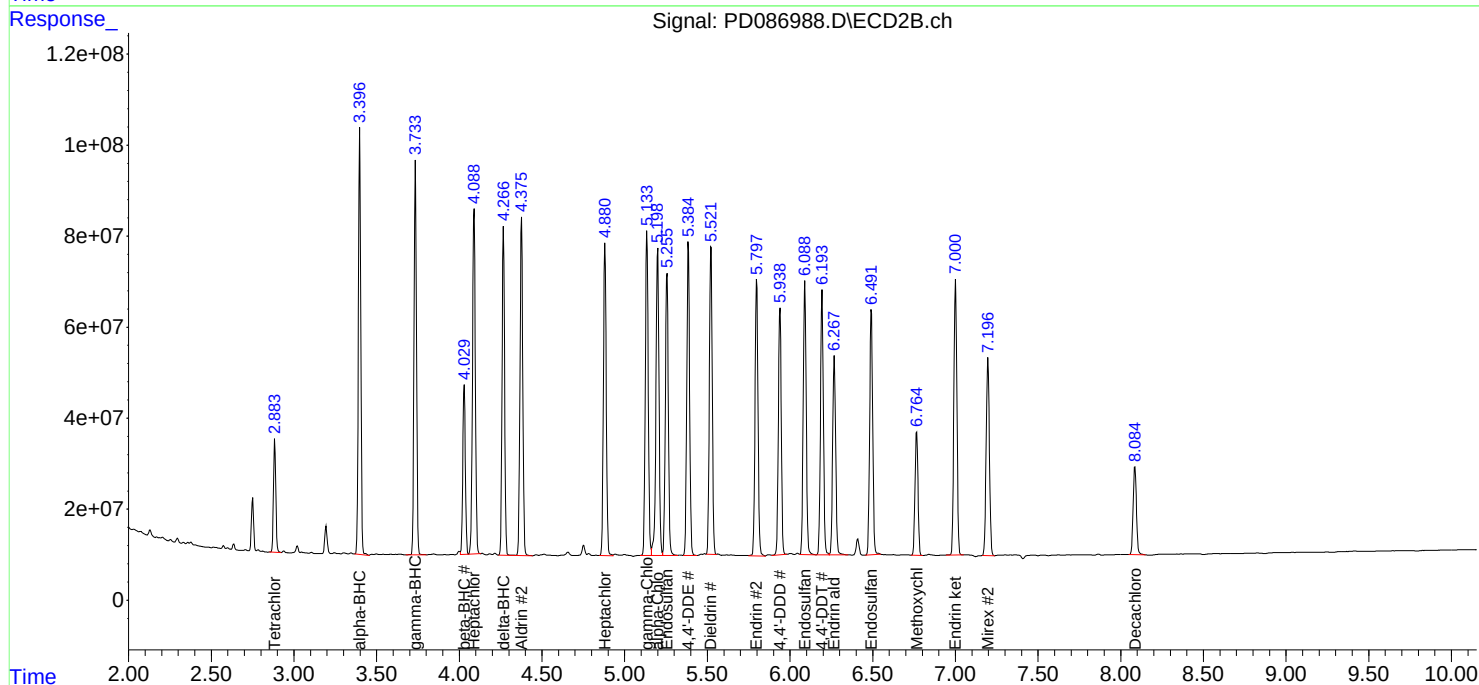
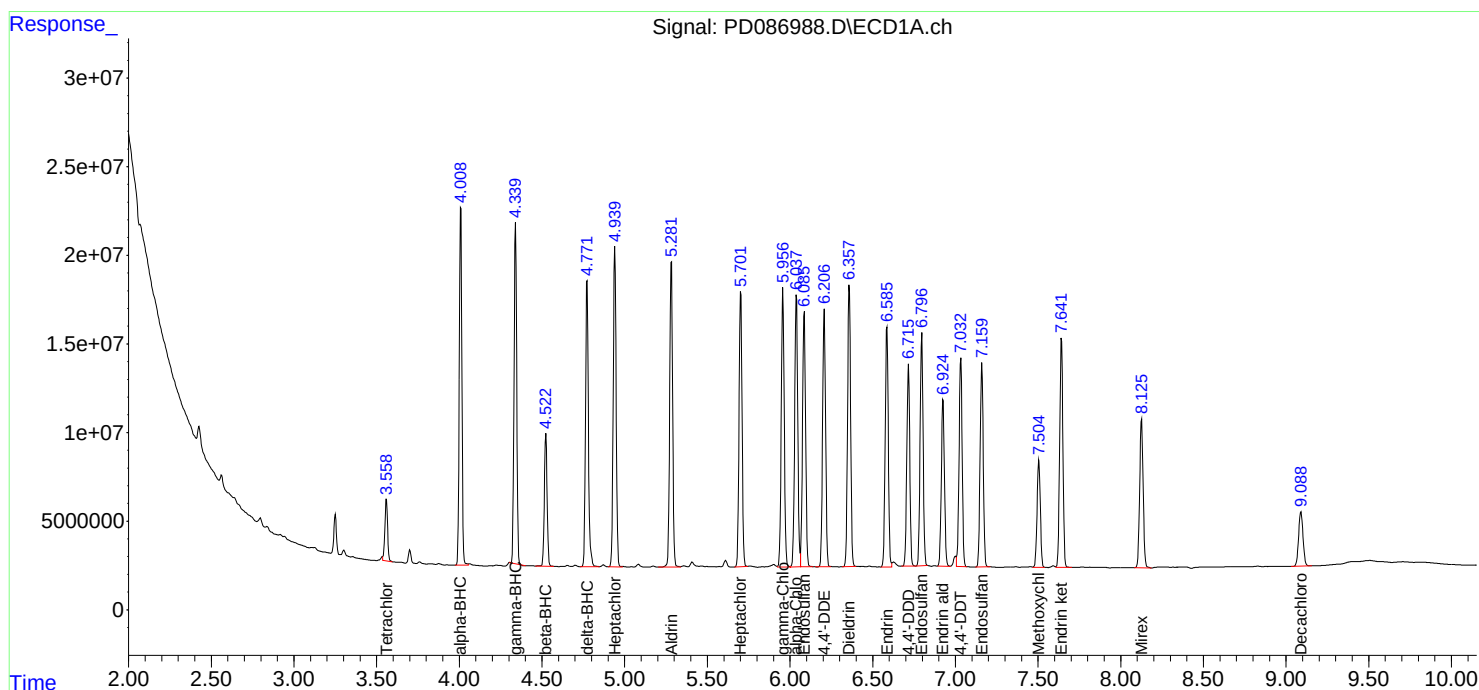
12/03/2024

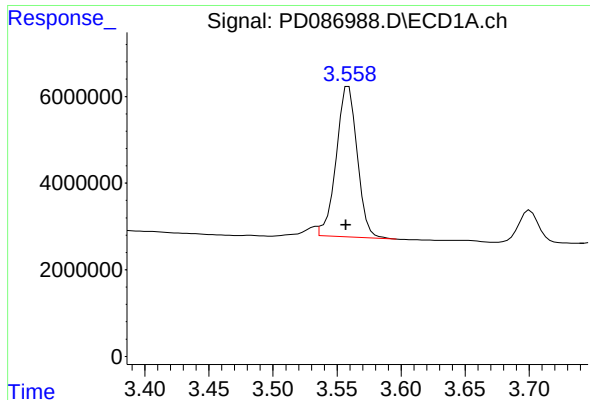
Supervised By :Ankita
Jodhani

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 23:55:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
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.: 3.558 min
Delta R.T.: 0.000 min
Response: 39405596
Conc: 19.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

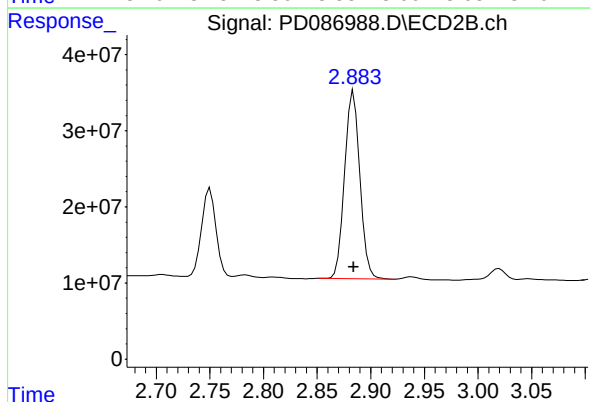
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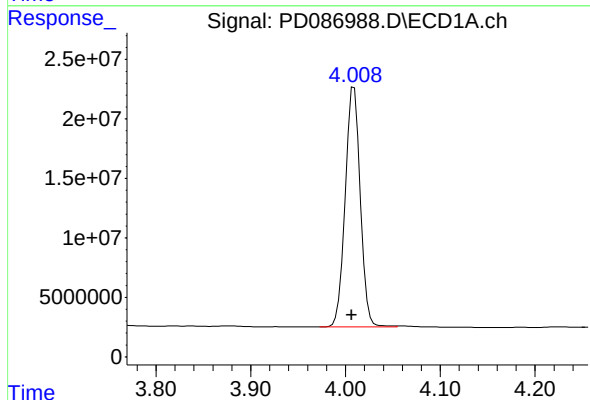
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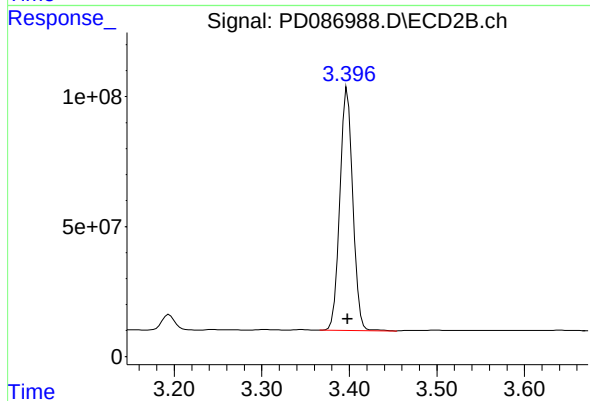
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 244793751
Conc: 21.39 ng/ml



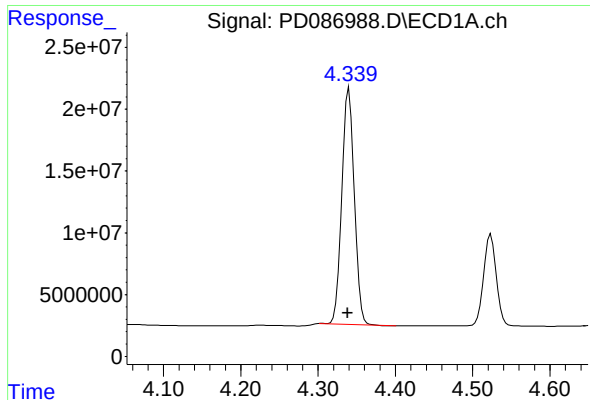
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.002 min
Response: 222147668
Conc: 55.21 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 961422009
Conc: 54.56 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 213512071
Conc: 53.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

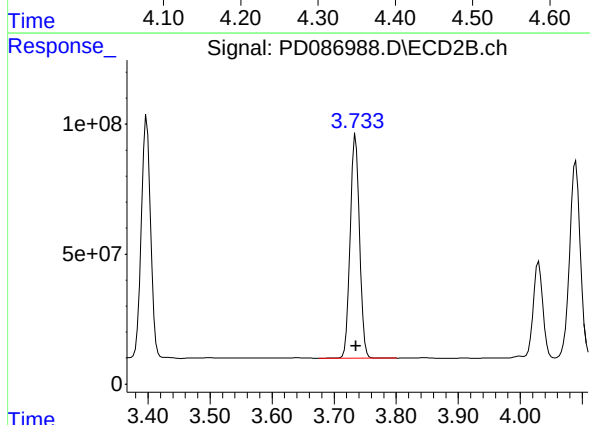
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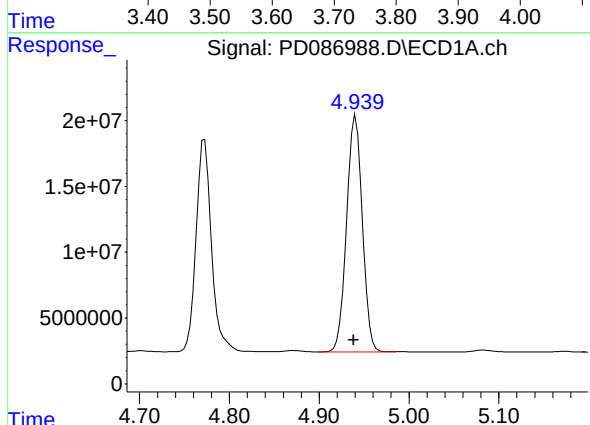
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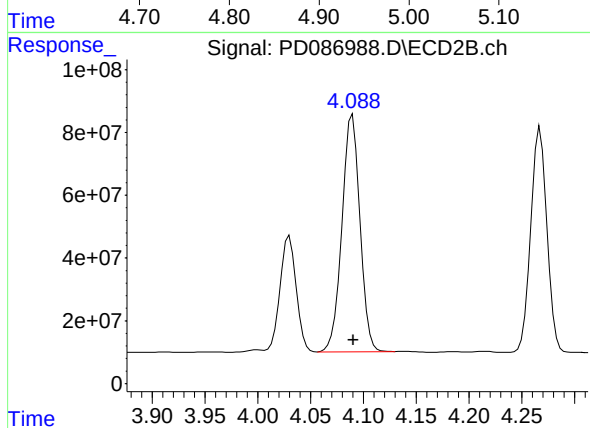
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 897694448
Conc: 53.45 ng/ml



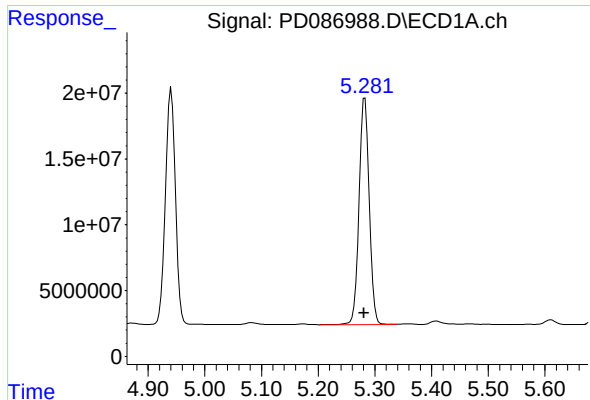
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 218674236
Conc: 55.70 ng/ml



#4 Heptachlor

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 896041322
Conc: 55.12 ng/ml



#5 Aldrin

R.T.: 5.282 min
Delta R.T.: 0.002 min
Response: 214865756
Conc: 52.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

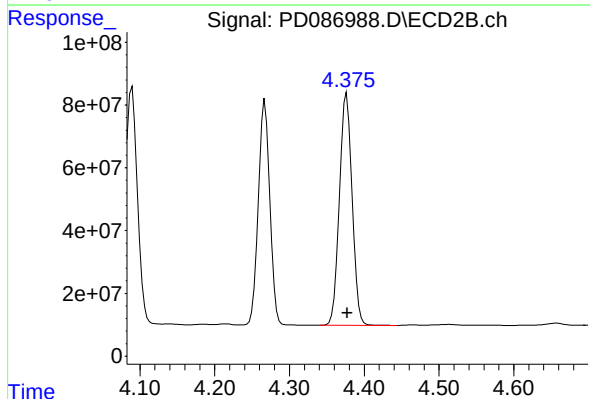
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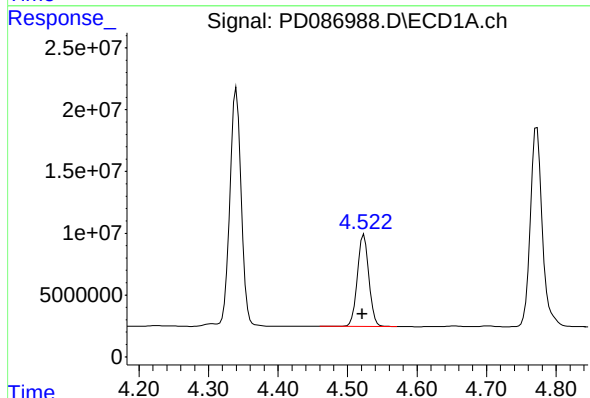
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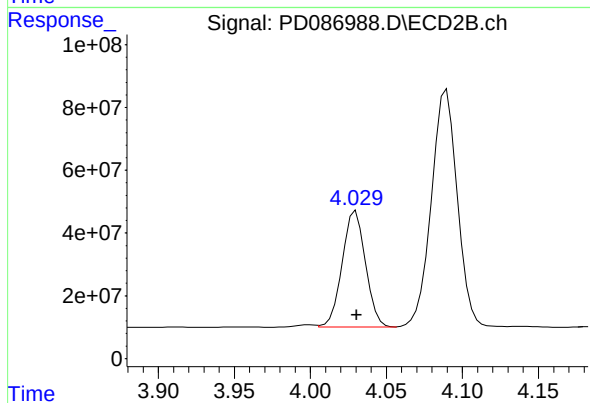
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 872298629
Conc: 52.18 ng/ml



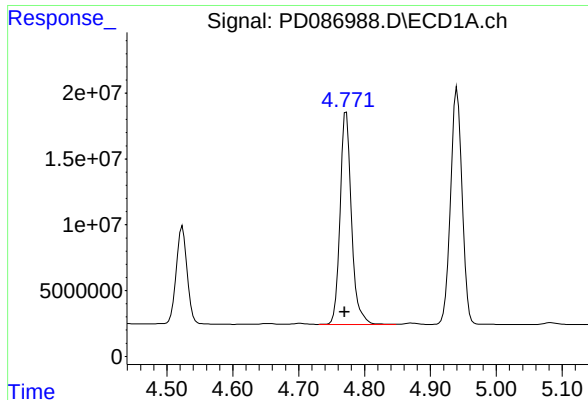
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 85544907
Conc: 54.24 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 395291079
Conc: 55.19 ng/ml



#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 193384453
Conc: 47.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

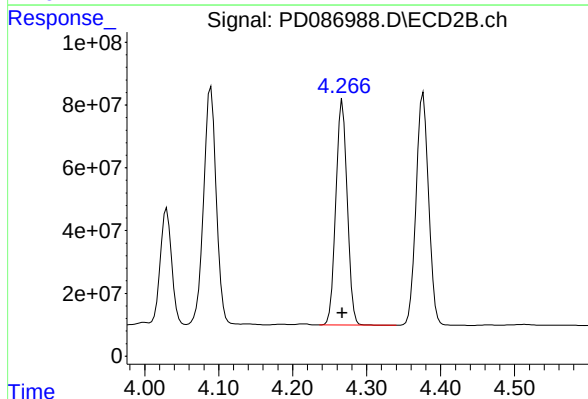
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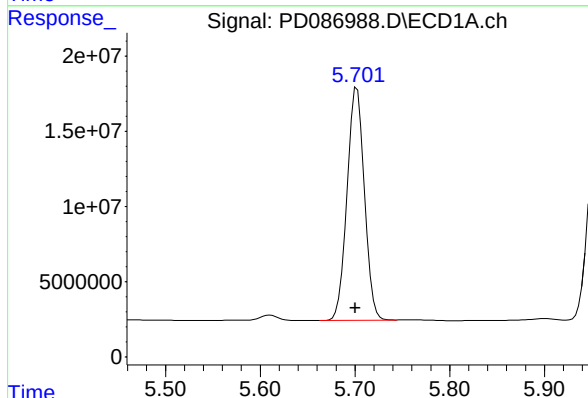
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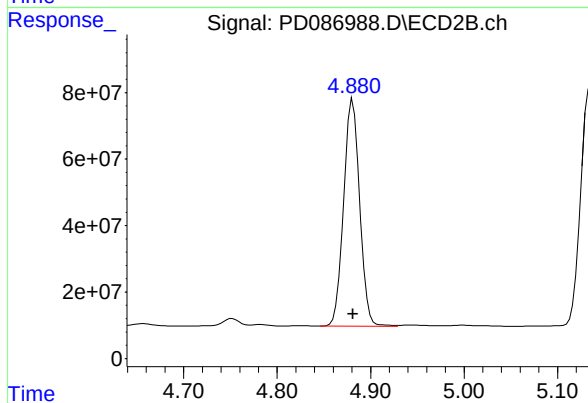
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 765042892
Conc: 45.00 ng/ml



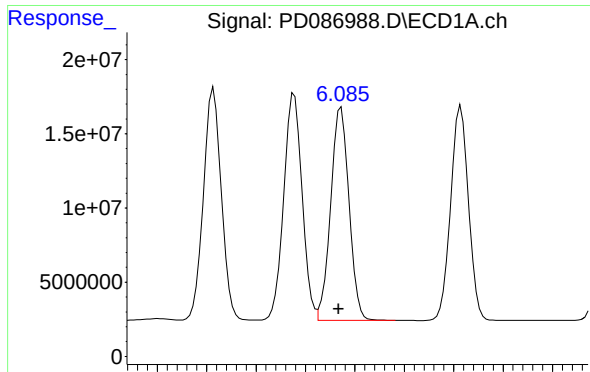
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: 0.002 min
Response: 197525947
Conc: 54.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 813124122
Conc: 53.55 ng/ml



#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 185085523
Conc: 55.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

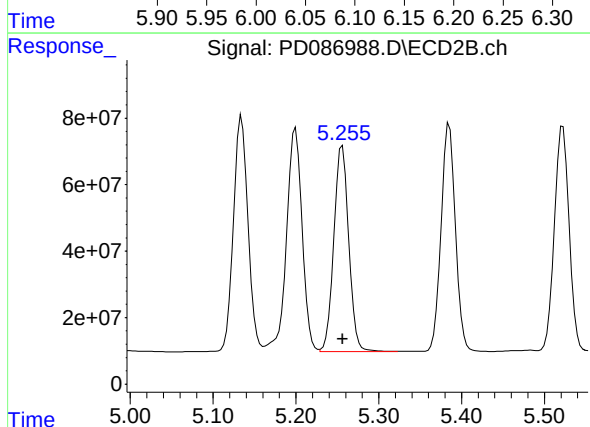
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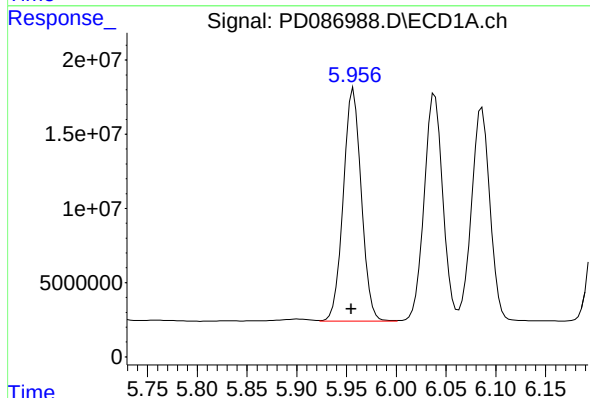
Supervised By :Ankita
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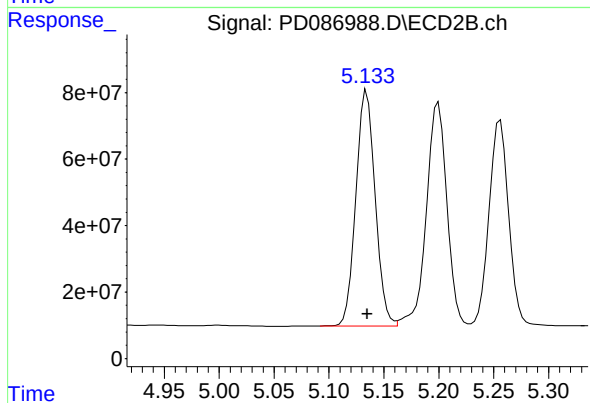
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 773274330
Conc: 54.47 ng/ml



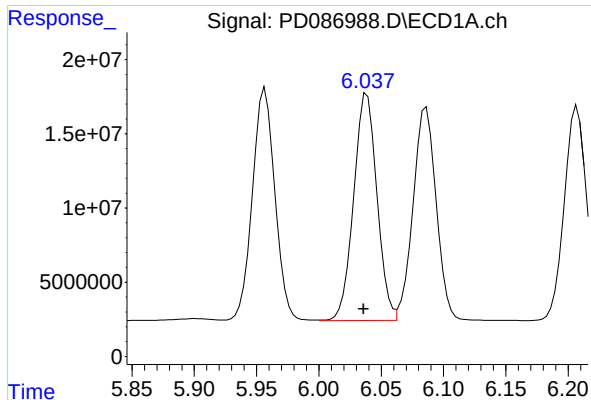
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 197619315
Conc: 55.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 866199884
Conc: 55.68 ng/ml



#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.003 min
Response: 198499732
Conc: 55.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

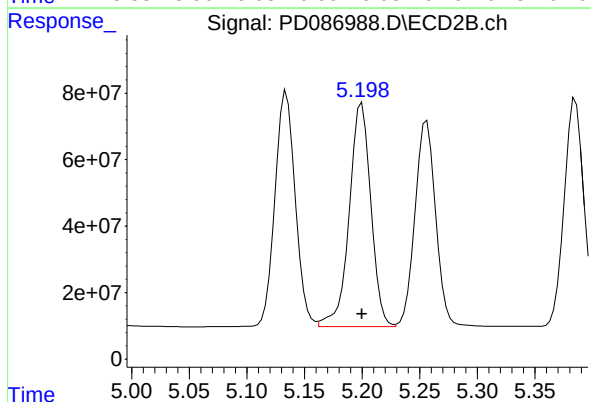
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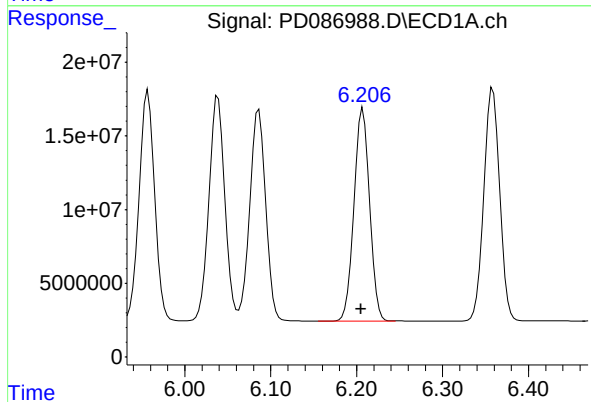
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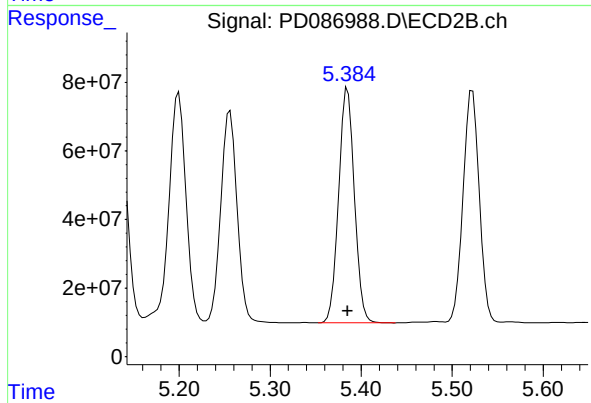
#11 alpha-Chlordane

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 875058476
Conc: 57.26 ng/ml



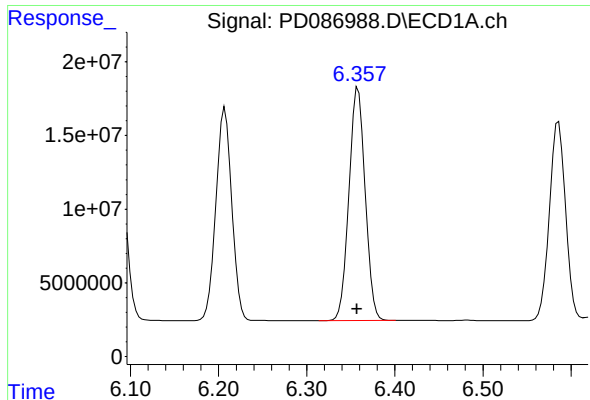
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 181557638
Conc: 55.80 ng/ml



#12 4,4'-DDE

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 823990819
Conc: 54.66 ng/ml



#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 203039592
Conc: 56.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

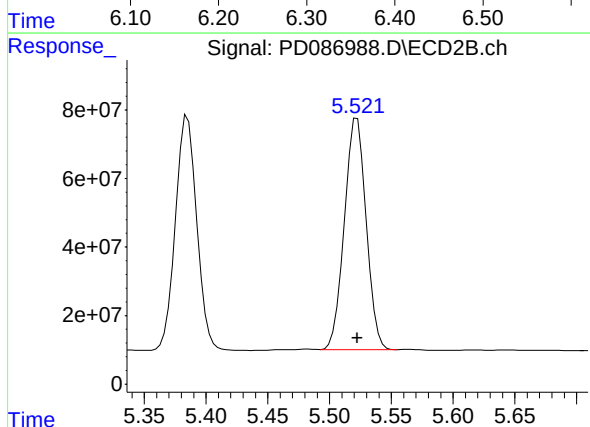
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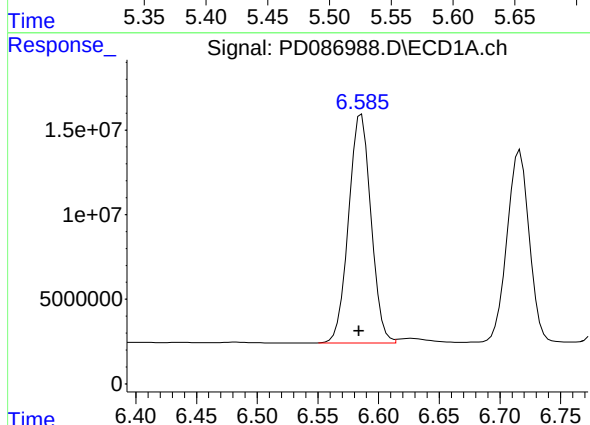
Supervised By :Ankita
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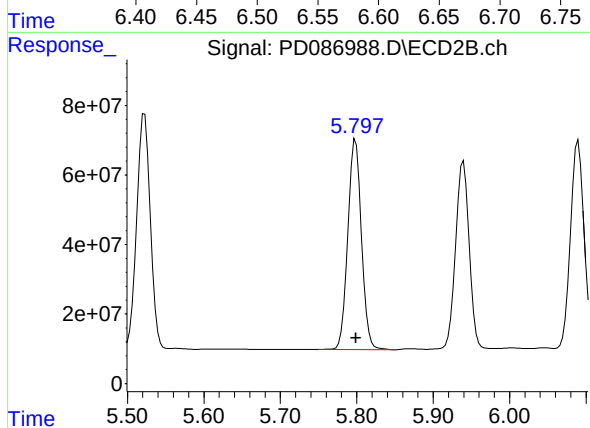
#13 Dieldrin

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 830537272
Conc: 53.34 ng/ml



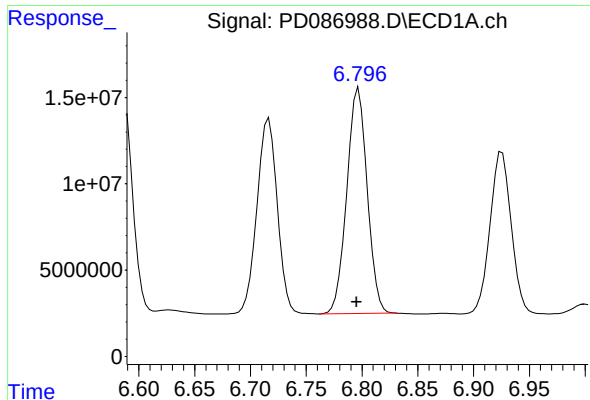
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 173846353
Conc: 57.45 ng/ml m



#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 758007076
Conc: 54.19 ng/ml



#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 166250093
Conc: 55.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

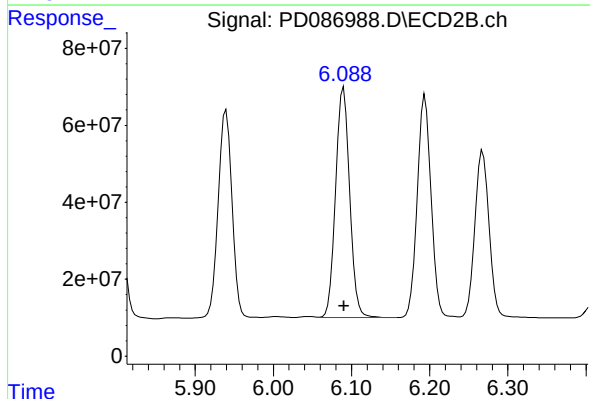
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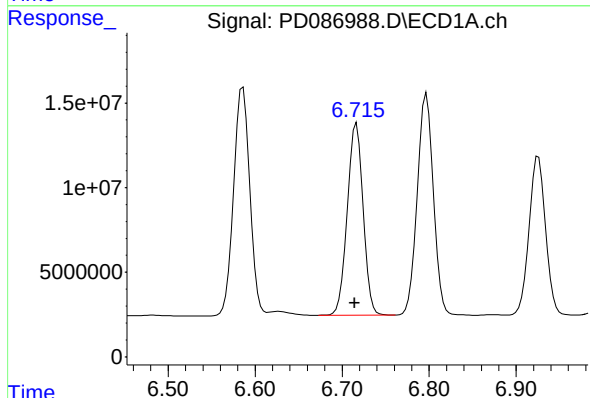
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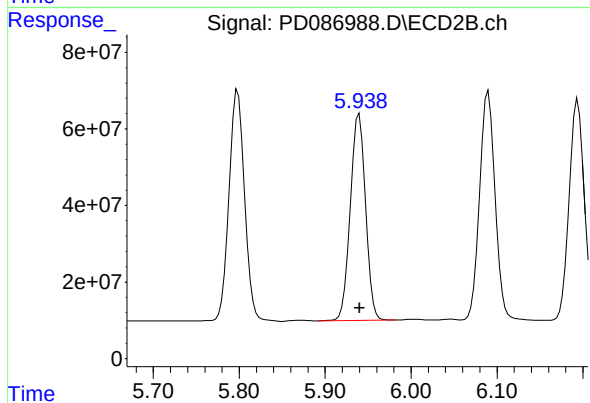
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 747902932
Conc: 54.34 ng/ml



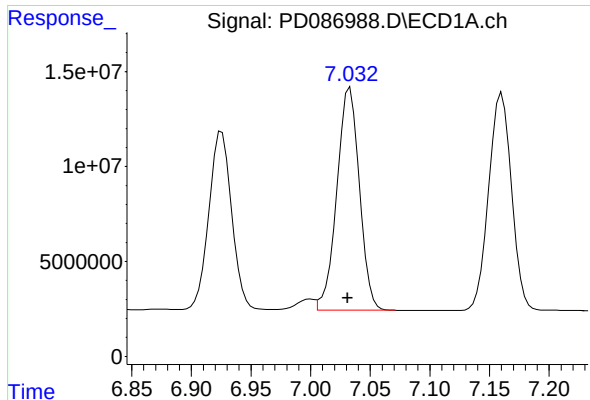
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.002 min
Response: 144401945
Conc: 55.55 ng/ml



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 663938515
Conc: 52.82 ng/ml



#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 153911162
Conc: 54.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

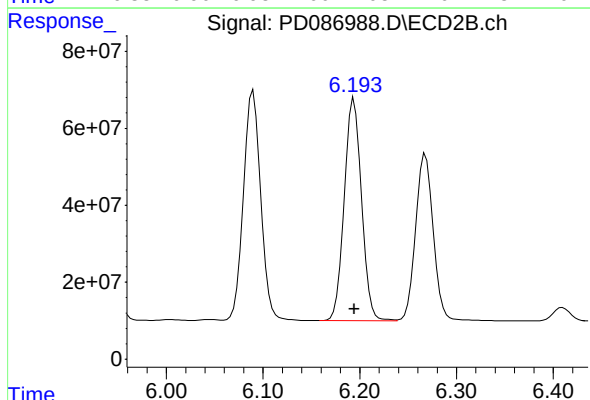
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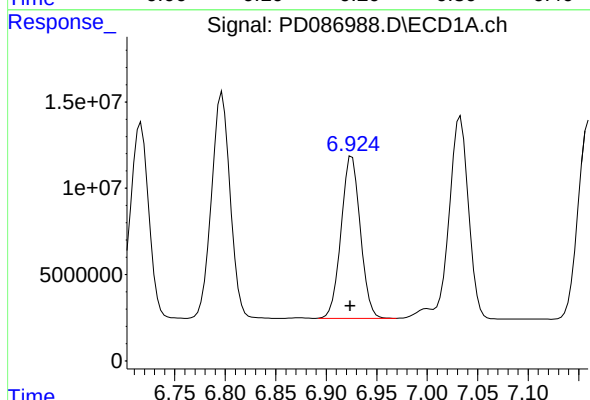
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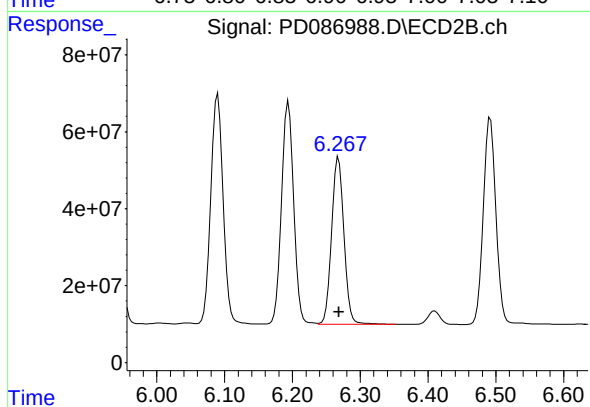
#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 713312455
Conc: 53.50 ng/ml



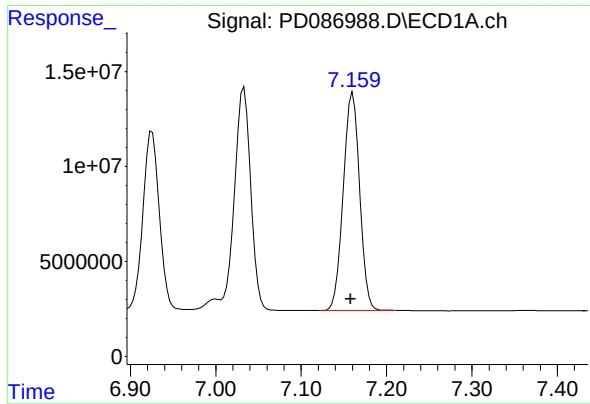
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 124591203
Conc: 50.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 553417797
Conc: 49.88 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.002 min
Response: 152702755
Conc: 52.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

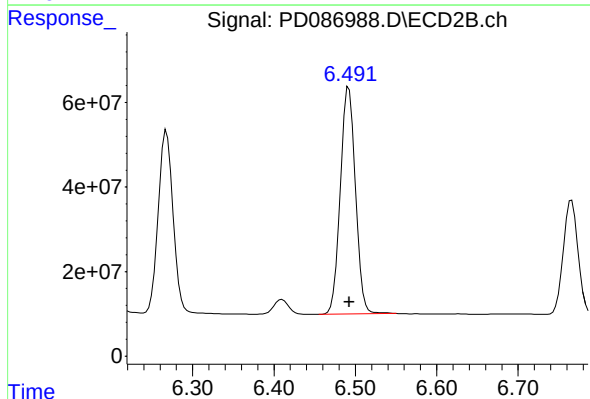
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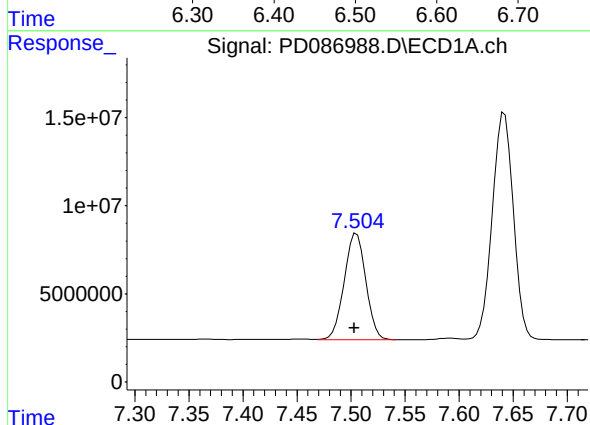
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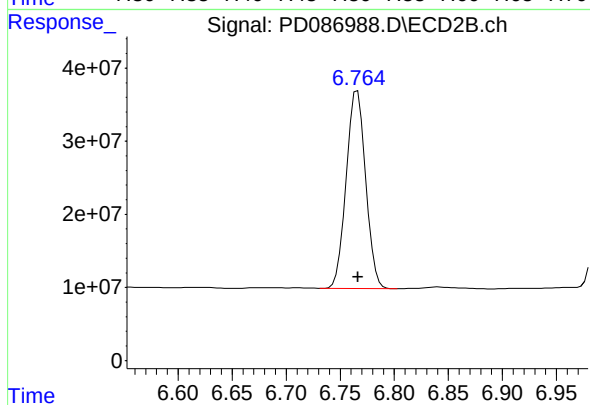
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 694556478
Conc: 51.34 ng/ml



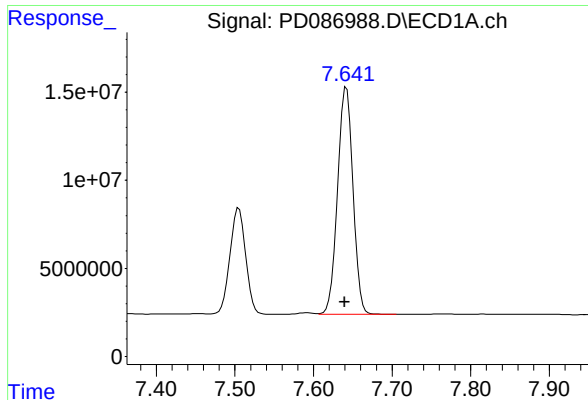
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 83775138
Conc: 52.38 ng/ml



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 338955530
Conc: 47.25 ng/ml



#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.002 min
Response: 175624164
Conc: 54.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

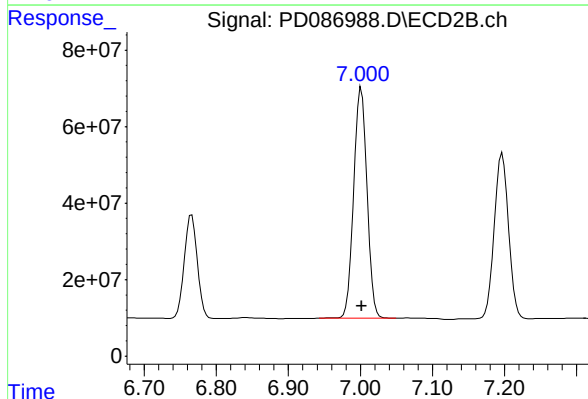
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

12/03/2024

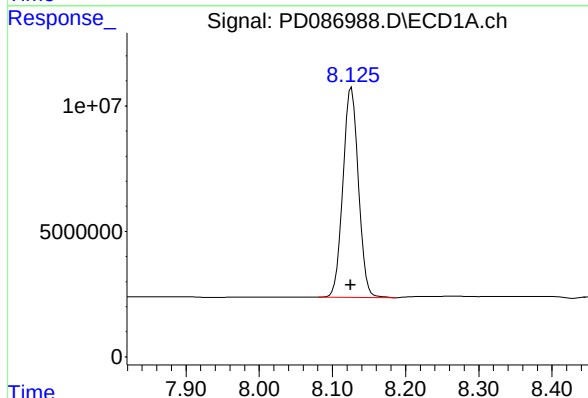
Supervised By :Ankita
Jodhani

12/03/2024



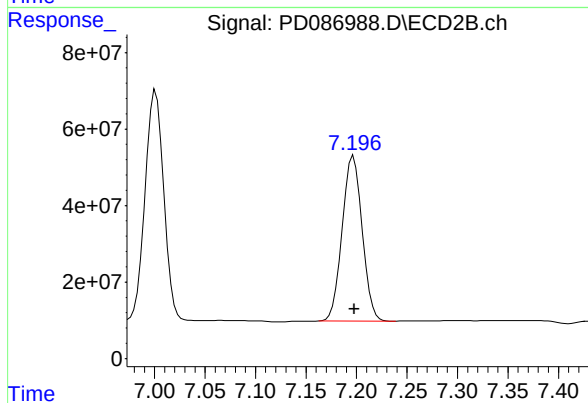
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 776350078
Conc: 51.51 ng/ml



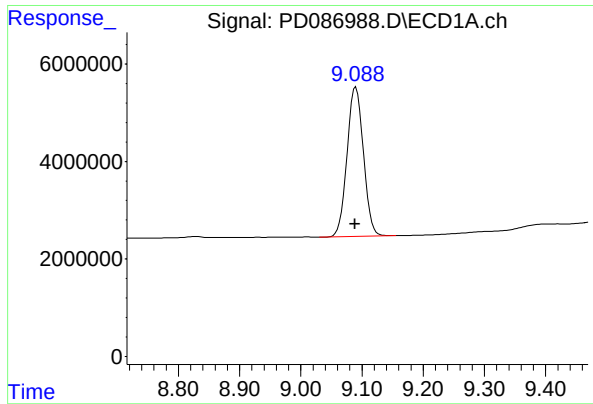
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 123183134
Conc: 49.37 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 596550210
Conc: 48.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 56944703
Conc: 17.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165311BS

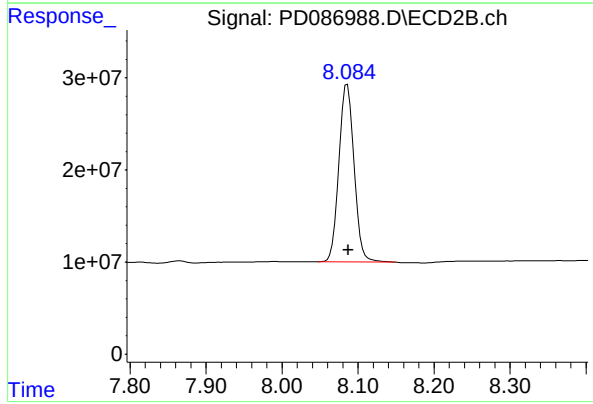
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#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.001 min
Response: 266522466
Conc: 19.13 ng/ml