

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092022\
 Data File : PD071948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2022 11:10
 Operator : AR\AJ
 Sample : PB147681BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB147681BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/20/2022
 Supervised By : Ankita Jodhani 09/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 23:17:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.813	3.564	47043839	639.8E6	19.239	22.296
28)	SA Decachlor...	8.003	9.094	42267896	192.2E6	16.778	20.678
Target Compounds							
2)	A alpha-BHC	3.323	4.030	210.8E6	2249.7E6	54.700	56.061
3)	MA gamma-BHC...	3.657	4.366	190.5E6	1822.7E6	54.244	55.516
4)	MA Heptachlor	4.003	4.943	194.5E6	1346.6E6	52.020	55.733
5)	MB Aldrin	4.287	5.286	199.6E6	1143.8E6	54.508	56.423
6)	B beta-BHC	3.955	4.573	75339267	684.3E6	49.726	51.773
7)	B delta-BHC	4.189	4.821	184.1E6	1292.4E6	52.230	55.290
8)	B Heptachlo...	4.793	5.718	169.1E6	882.6E6	51.721	57.240
9)	A Endosulfan I	5.167	6.107	153.5E6	835.0E6	48.301	56.640
10)	B gamma-Chl...	5.046	5.973	173.1E6	911.8E6	51.354	56.748
11)	B alpha-Chl...	5.111	6.051	169.5E6	896.3E6	51.063	57.445
12)	B 4,4'-DDE	5.301	6.224	158.7E6	844.4E6	51.860	57.317
13)	MA Dieldrin	5.434	6.384	171.3E6	894.6E6	51.226	59.019
14)	MA Endrin	5.711	6.616	153.8E6	771.0E6	51.902	61.045
15)	B Endosulfa...	6.006	6.842	139.6E6	722.9E6	50.682	58.380
16)	A 4,4'-DDD	5.859	6.748	126.8E6	699.5E6	50.014	58.854
17)	MA 4,4'-DDT	6.112	7.059	139.7E6	721.8E6	53.081	58.426
18)	B Endrin al...	6.186	6.973	110.8E6	571.3E6	50.110	59.175
19)	B Endosulfa...	6.411	7.206	129.5E6	649.6E6	48.279	58.247
20)	A Methoxychlor	6.691	7.536	75648876	357.5E6	50.522	58.815
21)	B Endrin ke...	6.919	7.698	149.2E6	708.2E6	49.729m	56.942
22)	Mirex	7.106	8.160	114.4E6	480.3E6	48.552	55.455

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092022\
Data File : PD071948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2022 11:10
Operator : AR\AJ
Sample : PB147681BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

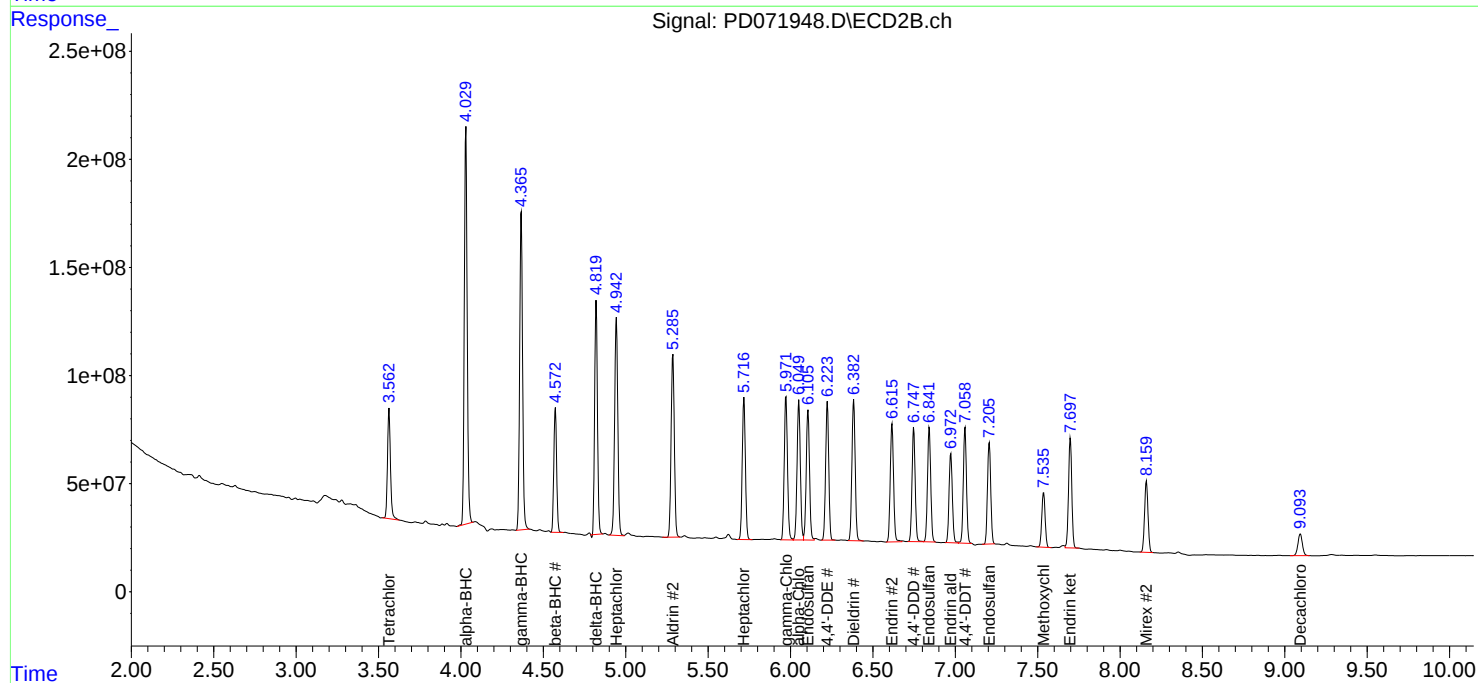
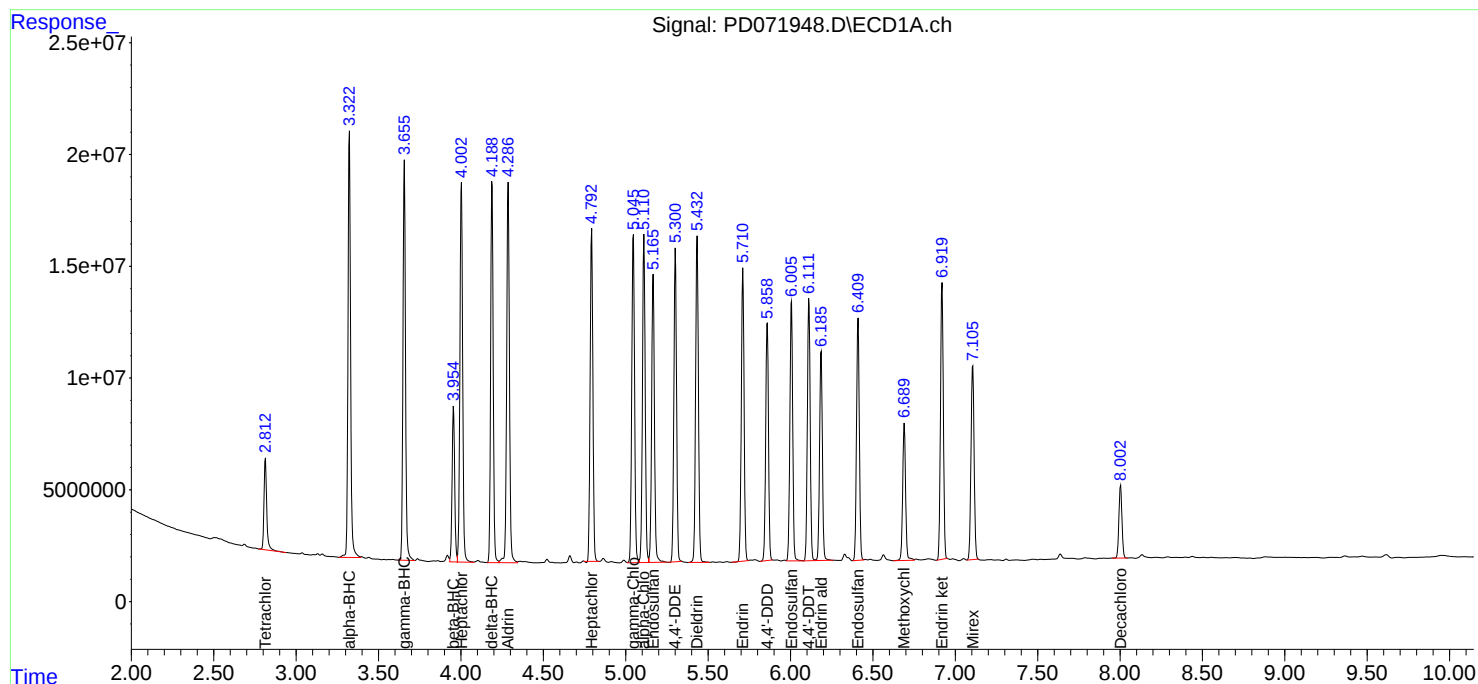
Instrument :
ECD_D
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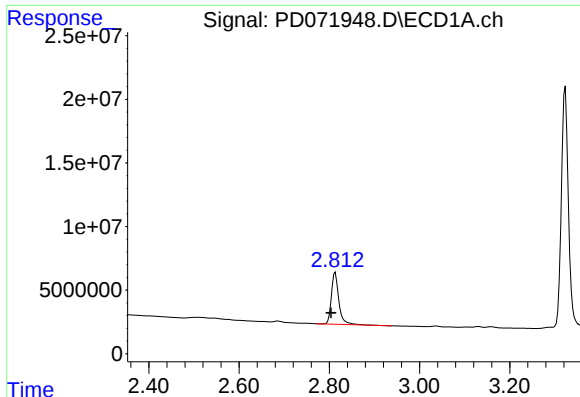
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 23:17:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 2022
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Volume Inj. : 2 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 x 0.50µm





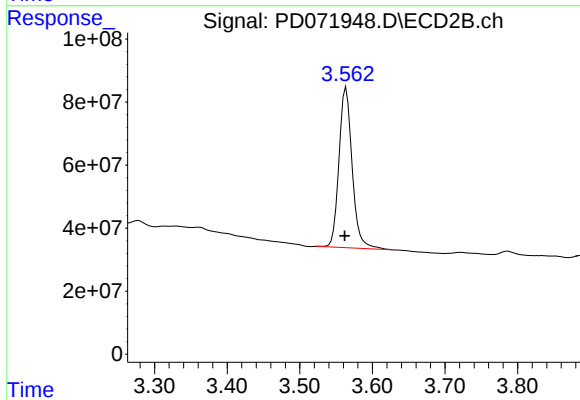
#1 Tetrachloro-m-xylene

R.T.: 2.813 min
Delta R.T.: 0.009 min
Response: 47043839
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

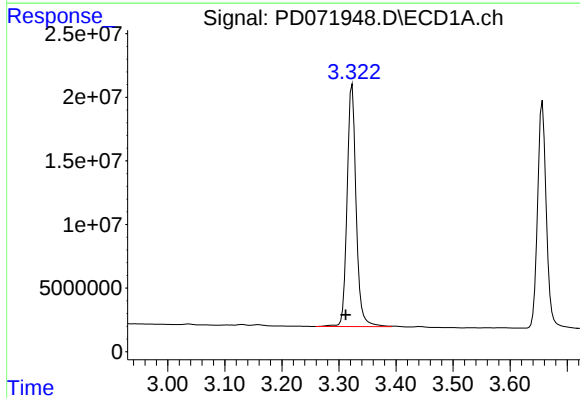
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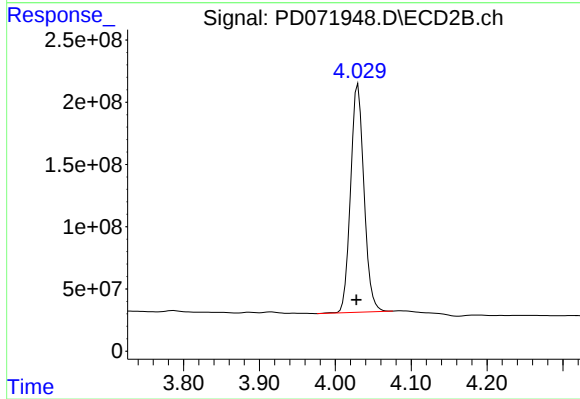
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.002 min
Response: 639789614
Conc: 22.30 ng/ml



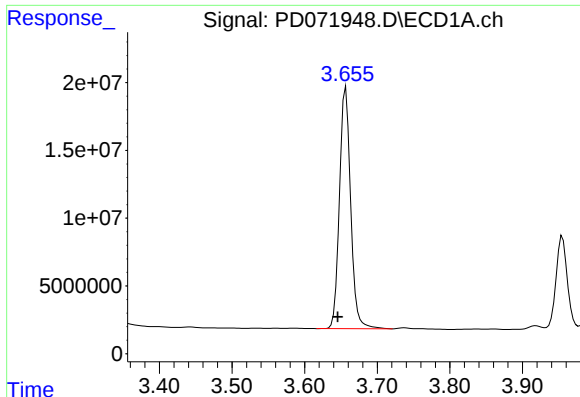
#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: 0.011 min
Response: 210804148
Conc: 54.70 ng/ml



#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.002 min
Response: 2249684159
Conc: 56.06 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: 0.011 min
Response: 190457054
Conc: 54.24 ng/ml

Instrument :

ECD_D

ClientSampleId :

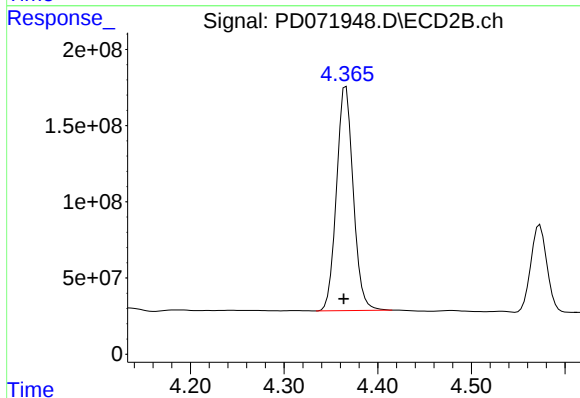
PB147681BSD

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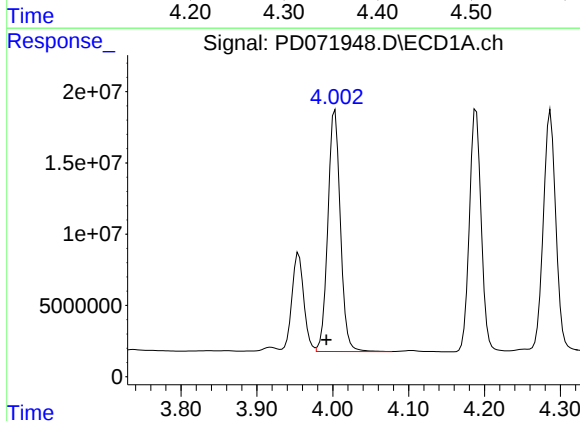
Reviewed By :Abdul Mirza 09/20/2022

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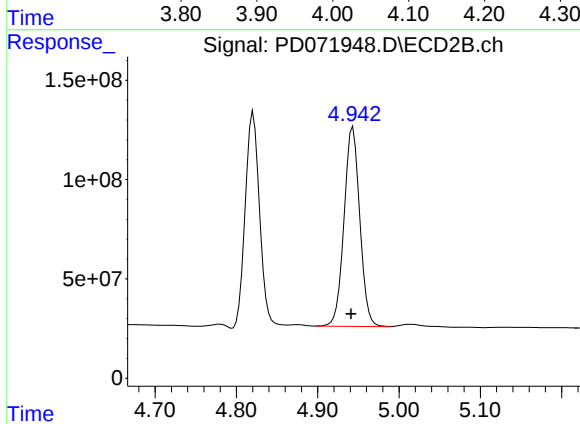
#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 1822727790
Conc: 55.52 ng/ml



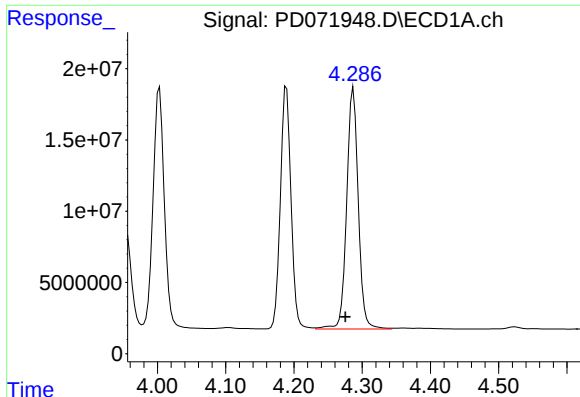
#4 Heptachlor

R.T.: 4.003 min
Delta R.T.: 0.011 min
Response: 194488696
Conc: 52.02 ng/ml



#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.002 min
Response: 1346639542
Conc: 55.73 ng/ml



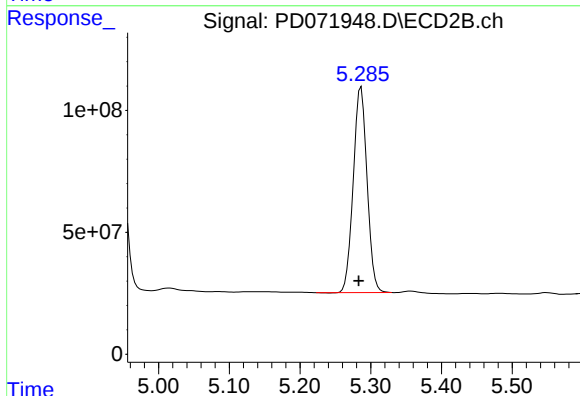
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: 0.012 min
Response: 199601405
Conc: 54.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

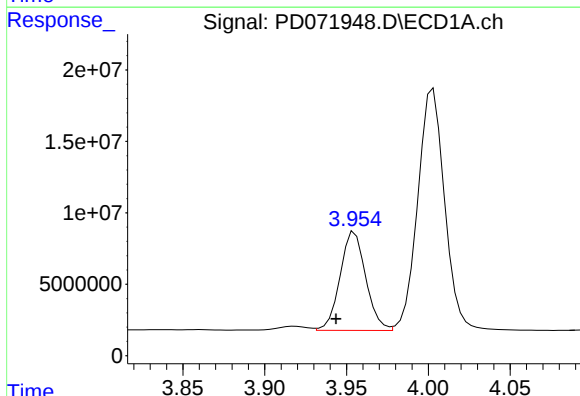
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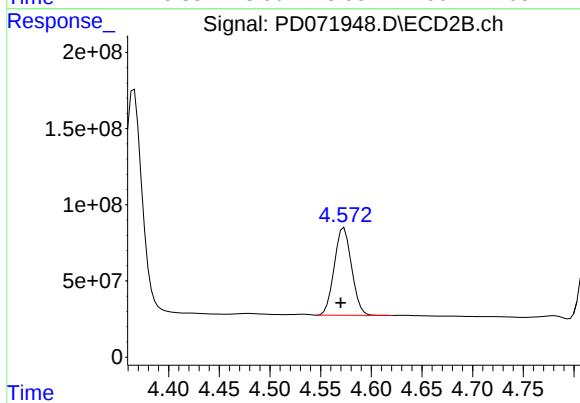
#5 Aldrin

R.T.: 5.286 min
Delta R.T.: 0.003 min
Response: 1143807321
Conc: 56.42 ng/ml



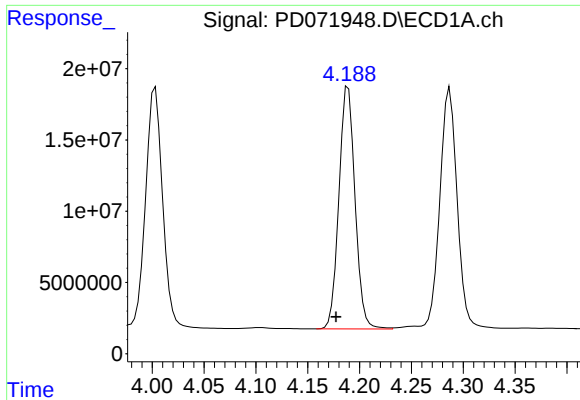
#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.011 min
Response: 75339267
Conc: 49.73 ng/ml



#6 beta-BHC

R.T.: 4.573 min
Delta R.T.: 0.003 min
Response: 684265391
Conc: 51.77 ng/ml



#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.012 min
Response: 184065078
Conc: 52.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

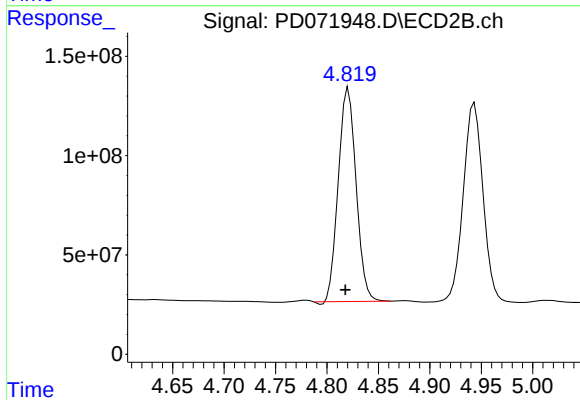
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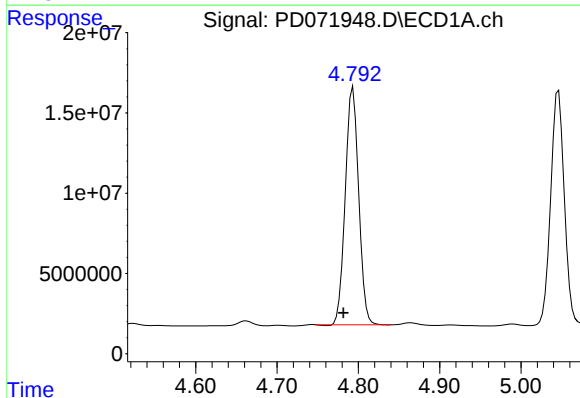
Reviewed By :Abdul Mirza 09/20/2022

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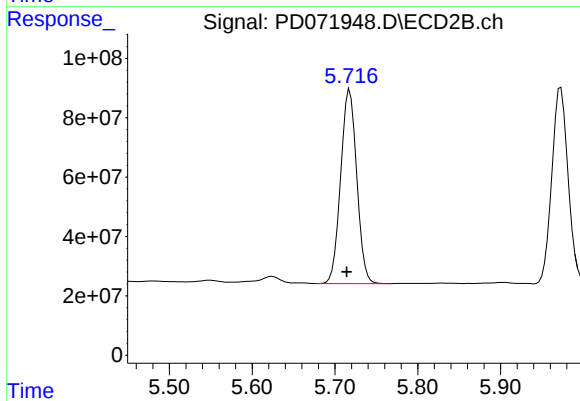
#7 delta-BHC

R.T.: 4.821 min
Delta R.T.: 0.003 min
Response: 1292381796
Conc: 55.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.012 min
Response: 169126361
Conc: 51.72 ng/ml



#8 Heptachlor epoxide

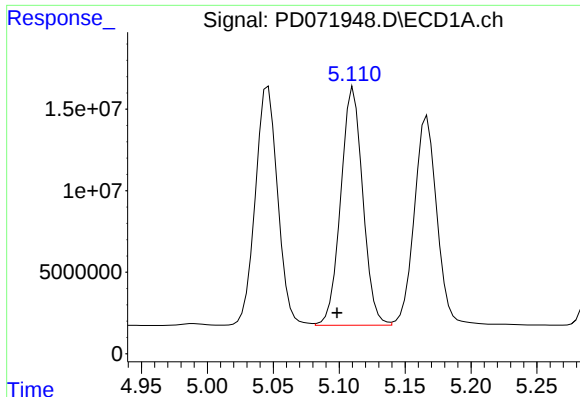
R.T.: 5.718 min
Delta R.T.: 0.004 min
Response: 882636984
Conc: 57.24 ng/ml

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R.T.: 6.107 min
Delta R.T.: 0.004 min
Response: 834996408
Conc: 56.64 ng/ml

R.T.: 5.046 min
Delta R.T.: 0.012 min
Response: 173115529
Conc: 51.35 ng/ml

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 911813760
Conc: 56.75 ng/ml



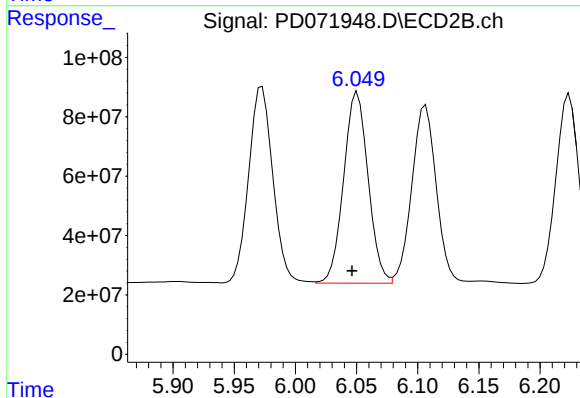
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.012 min
Response: 169460527
Conc: 51.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

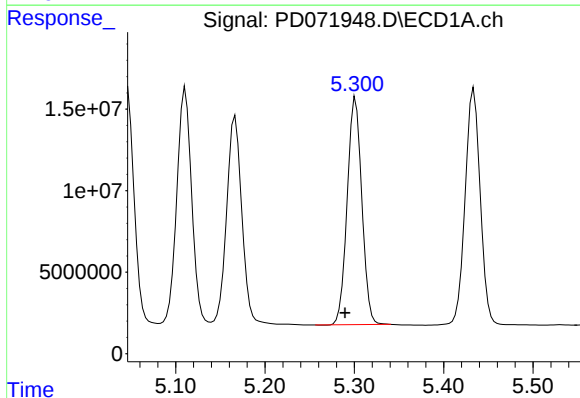
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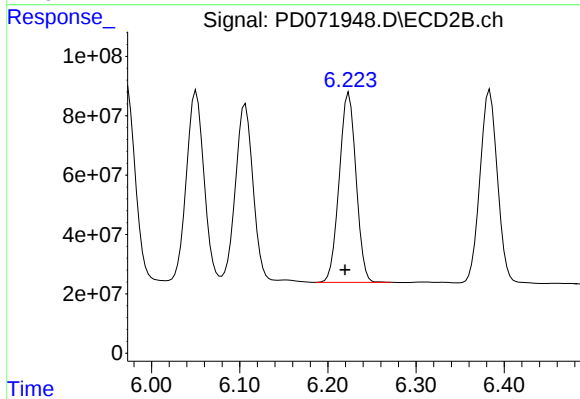
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.004 min
Response: 896284363
Conc: 57.44 ng/ml



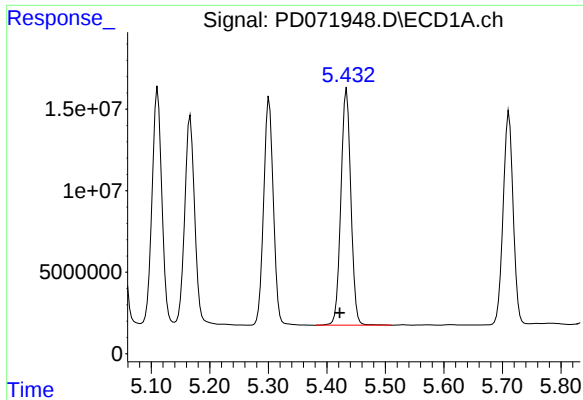
#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: 0.012 min
Response: 158677343
Conc: 51.86 ng/ml



#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.004 min
Response: 844355422
Conc: 57.32 ng/ml



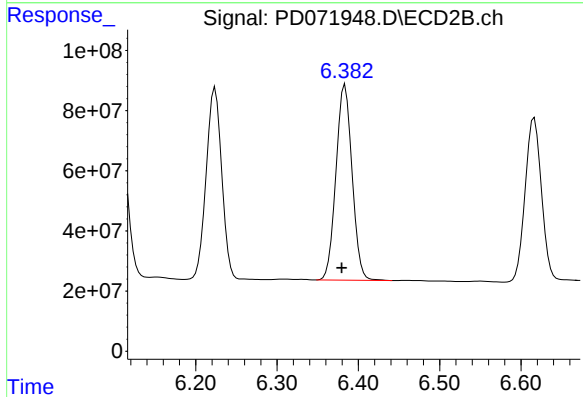
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.012 min
Response: 171332251
Conc: 51.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

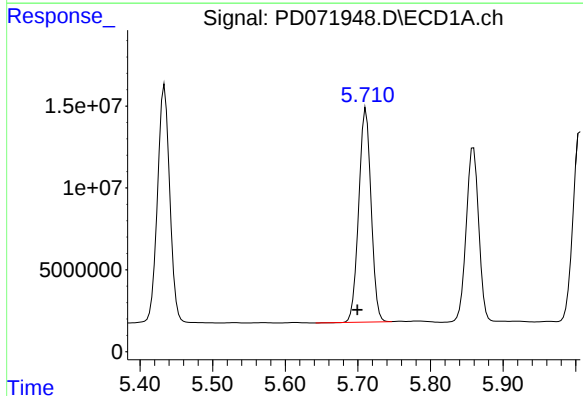
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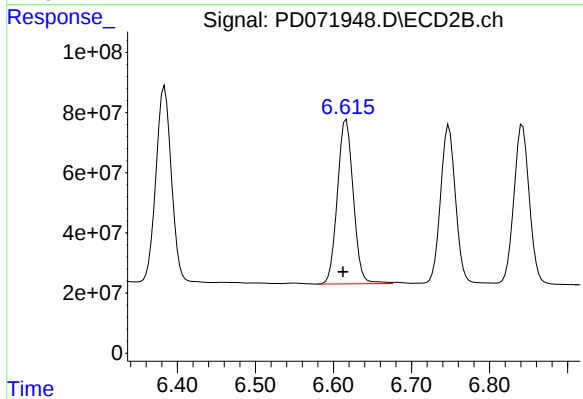
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 894550618
Conc: 59.02 ng/ml



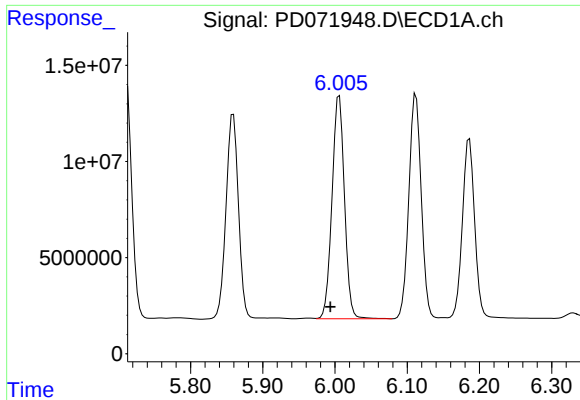
#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.012 min
Response: 153776047
Conc: 51.90 ng/ml



#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.004 min
Response: 771025112
Conc: 61.04 ng/ml



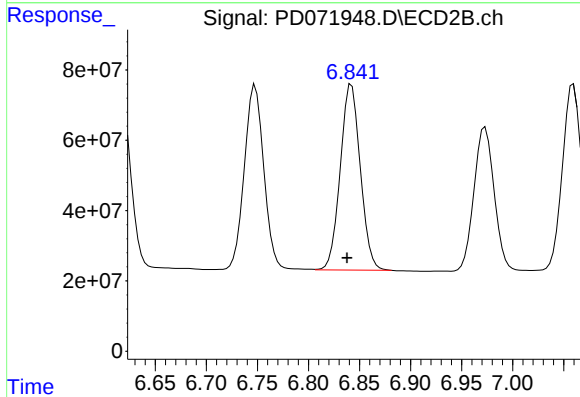
#15 Endosulfan II

R.T.: 6.006 min
Delta R.T.: 0.012 min
Response: 139608035
Conc: 50.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

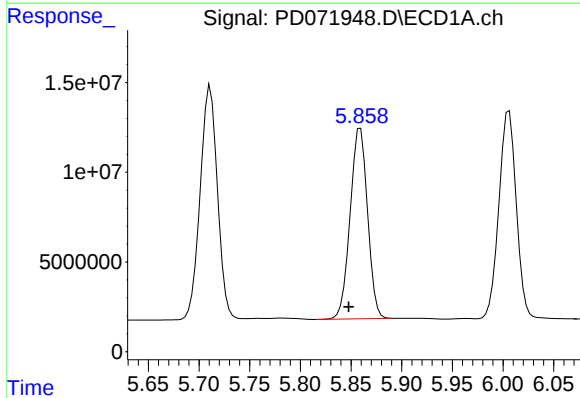
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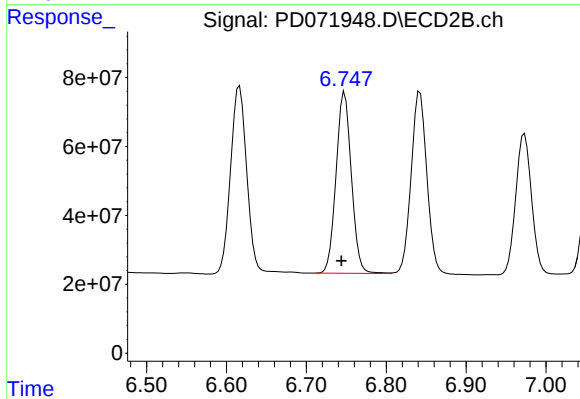
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.004 min
Response: 722897180
Conc: 58.38 ng/ml



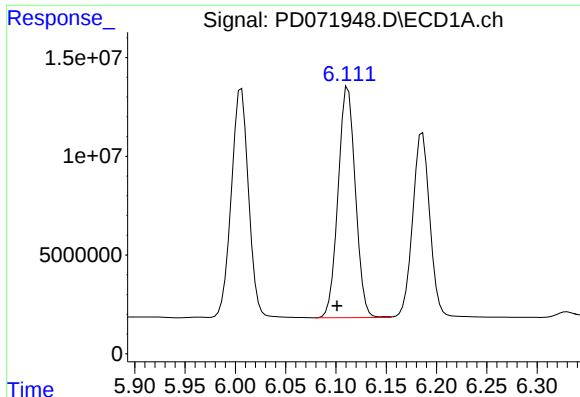
#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.011 min
Response: 126813632
Conc: 50.01 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.004 min
Response: 699505693
Conc: 58.85 ng/ml



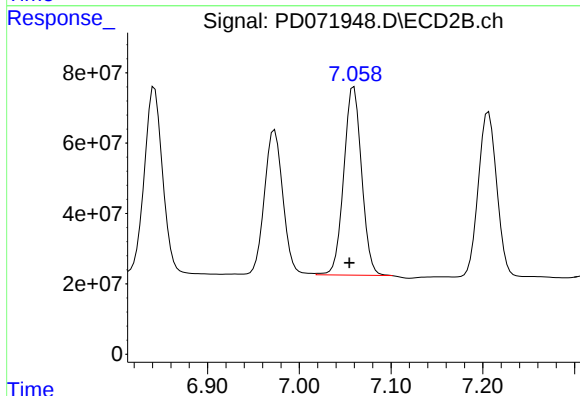
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.011 min
Response: 139708305
Conc: 53.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

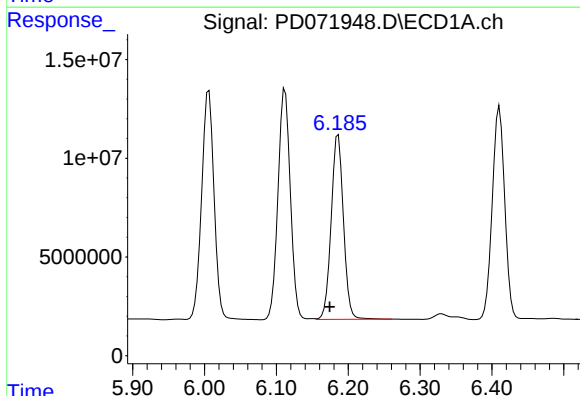
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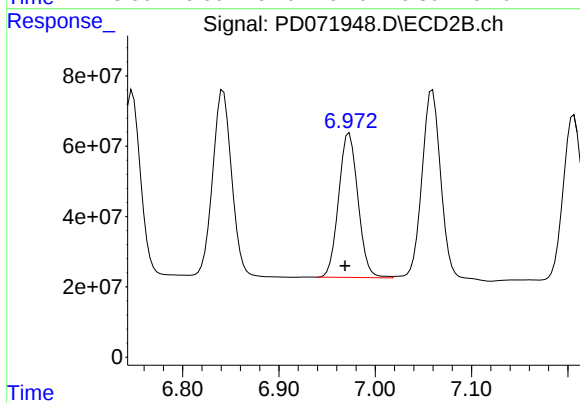
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.005 min
Response: 721784278
Conc: 58.43 ng/ml



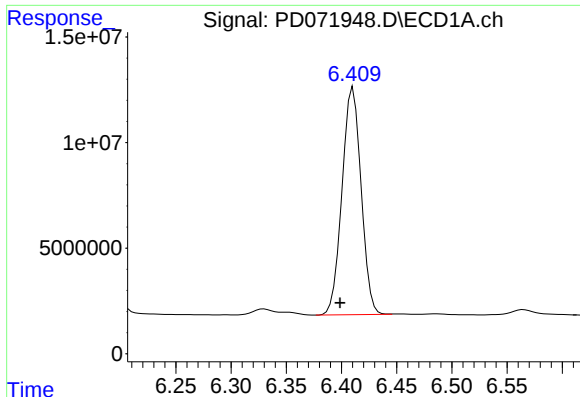
#18 Endrin aldehyde

R.T.: 6.186 min
Delta R.T.: 0.012 min
Response: 110818005
Conc: 50.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.973 min
Delta R.T.: 0.004 min
Response: 571336529
Conc: 59.17 ng/ml



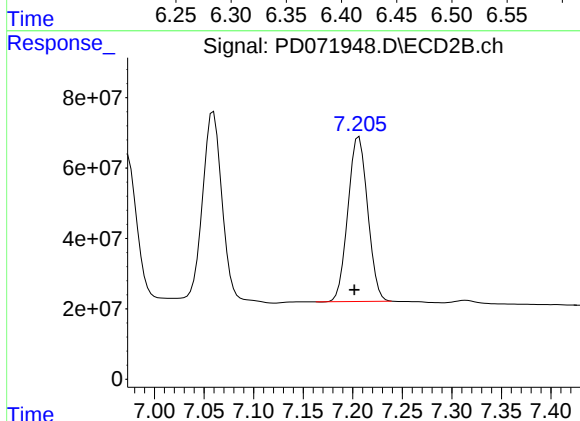
#19 Endosulfan Sulfate

R.T.: 6.411 min
Delta R.T.: 0.012 min
Response: 129477537
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

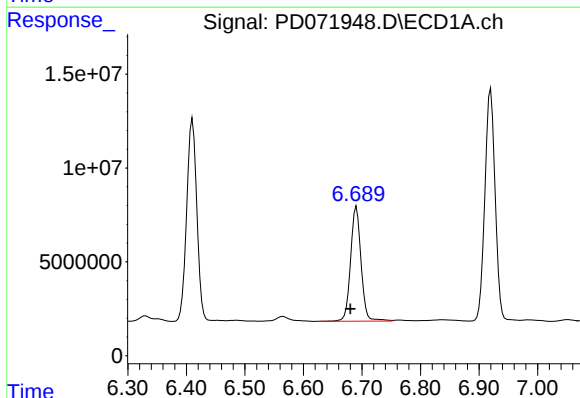
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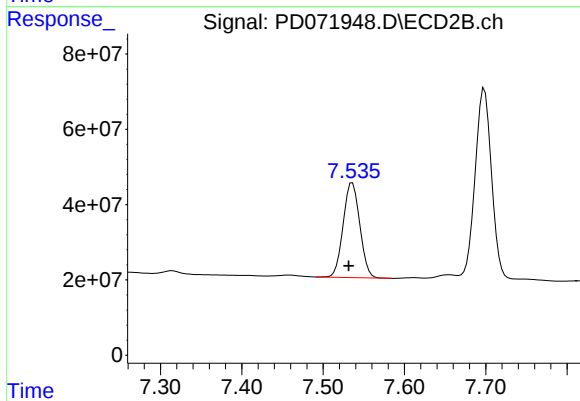
#19 Endosulfan Sulfate

R.T.: 7.206 min
Delta R.T.: 0.005 min
Response: 649587026
Conc: 58.25 ng/ml



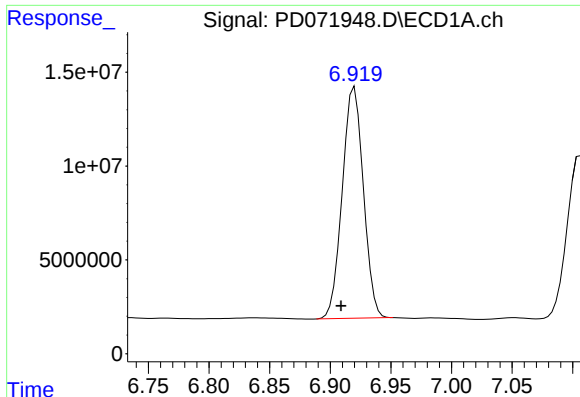
#20 Methoxychlor

R.T.: 6.691 min
Delta R.T.: 0.010 min
Response: 75648876
Conc: 50.52 ng/ml



#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.004 min
Response: 357541259
Conc: 58.81 ng/ml



#21 Endrin ketone

R.T.: 6.919 min
Delta R.T.: 0.010 min
Response: 149215153
Conc: 49.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

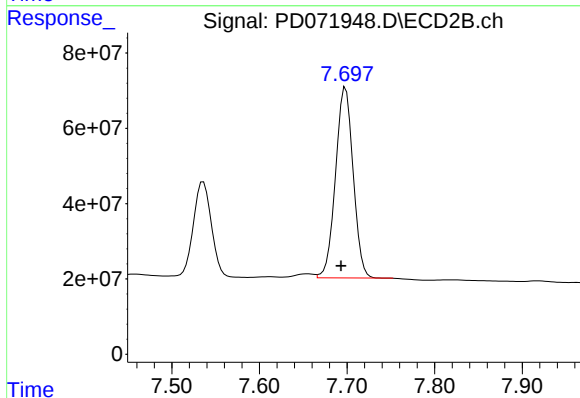
PB147681BSD

Manual Integrations

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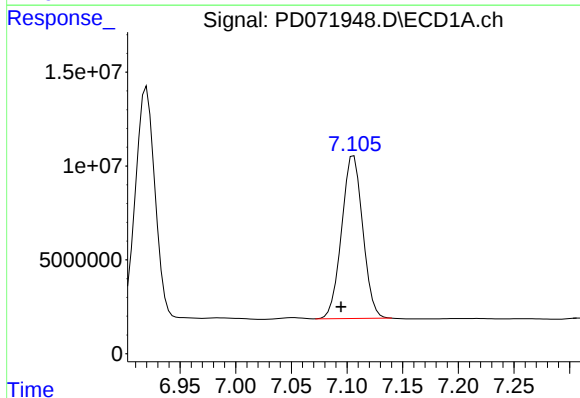
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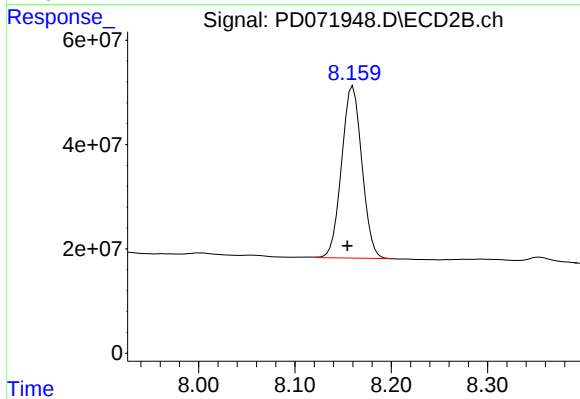
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.005 min
Response: 708201793
Conc: 56.94 ng/ml



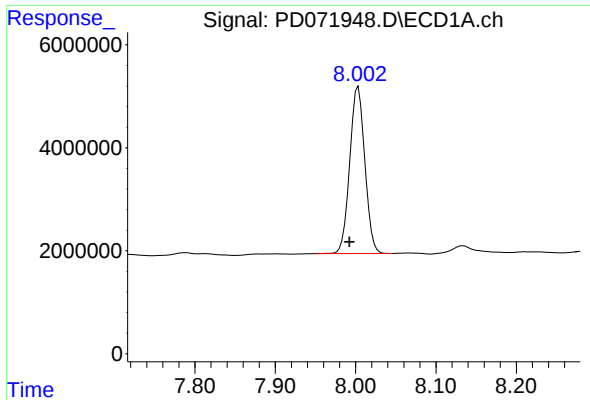
#22 Mirex

R.T.: 7.106 min
Delta R.T.: 0.011 min
Response: 114427664
Conc: 48.55 ng/ml



#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.006 min
Response: 480256659
Conc: 55.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min
Delta R.T.: 0.011 min
Response: 42267896
Conc: 16.78 ng/ml

Instrument :

ECD_D

ClientSampleId :

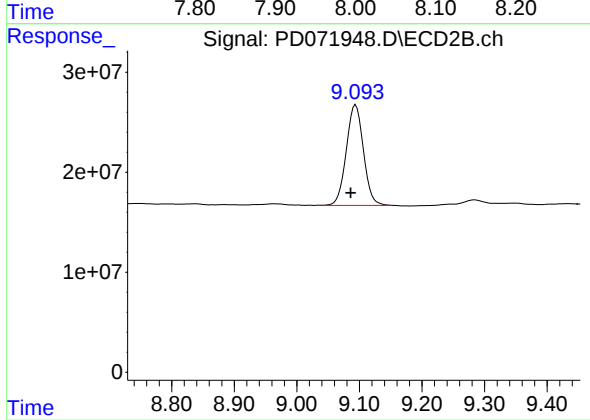
PB147681BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/20/2022

Supervised By :Ankita Jodhani 09/20/2022



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.008 min
Response: 192247860
Conc: 20.68 ng/ml