

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
 Data File : PD076148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2023 14:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/26/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 01:18:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.552	2.765	103.6E6	52318993	48.645	48.223
28)	SA Decachlor...	9.095	7.913	106.1E6	46743863	41.889	47.805
Target Compounds							
2)	A alpha-BHC	4.009	3.267	182.5E6	79474748	49.428	49.679
3)	MA gamma-BHC...	4.342	3.598	163.6E6	73670793	48.634	50.000
4)	MA Heptachlor	4.934	3.938	169.4E6	71641619	47.239	47.168
5)	MB Aldrin	5.277	4.218	167.4E6	75041192	47.760	50.323
6)	B beta-BHC	4.538	3.895	67517288	31600147	46.961	49.576
7)	B delta-BHC	4.787	4.125	166.5E6	74953211	50.099	51.728
8)	B Heptachlo...	5.704	4.721	152.9E6	66242086	47.449	48.224
9)	A Endosulfan I	6.091	5.092	142.0E6	60784138	47.351	47.554
10)	B gamma-Chl...	5.959	4.972	154.7E6	67754320	48.032m	49.379
11)	B alpha-Chl...	6.040	5.036	154.6E6	67152435	47.814	48.953
12)	B 4,4'-DDE	6.212	5.226	138.9E6	61086504	48.584	54.729
13)	MA Dieldrin	6.367	5.357	148.1E6	67313875	47.408	49.893
14)	MA Endrin	6.597	5.633	116.8E6	56706873	43.668	46.596
15)	B Endosulfa...	6.816	5.927	117.3E6	53936847	45.385	49.995
16)	A 4,4'-DDD	6.731	5.781	115.5E6	52775157	50.746	59.885
17)	MA 4,4'-DDT	7.046	6.033	107.5E6	46337187	47.383	57.045
18)	B Endrin al...	6.947	6.107	87356991	42616123	43.535	49.239
19)	B Endosulfa...	7.182	6.330	115.6E6	55249943	45.887	51.128
20)	A Methoxychlor	7.521	6.608	57268205	24348836	44.243	52.607
21)	B Endrin ke...	7.668	6.836	133.4E6	63104806	47.880	51.940
22)	Mirex	8.143	7.019	93823201	49959072	43.790	47.661

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

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Data File : PD076148.D
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Acq On : 25 Jun 2023 14:00
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Sample : PSTDCCC050
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Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

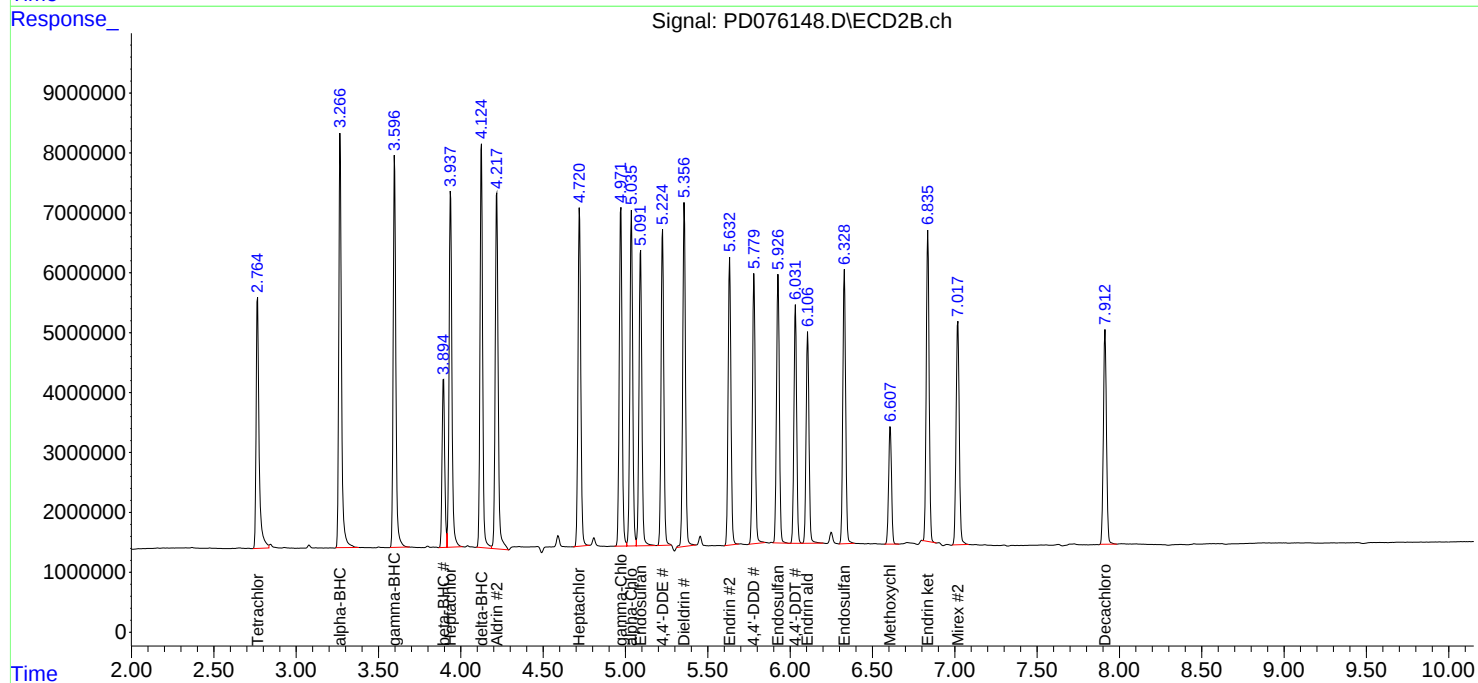
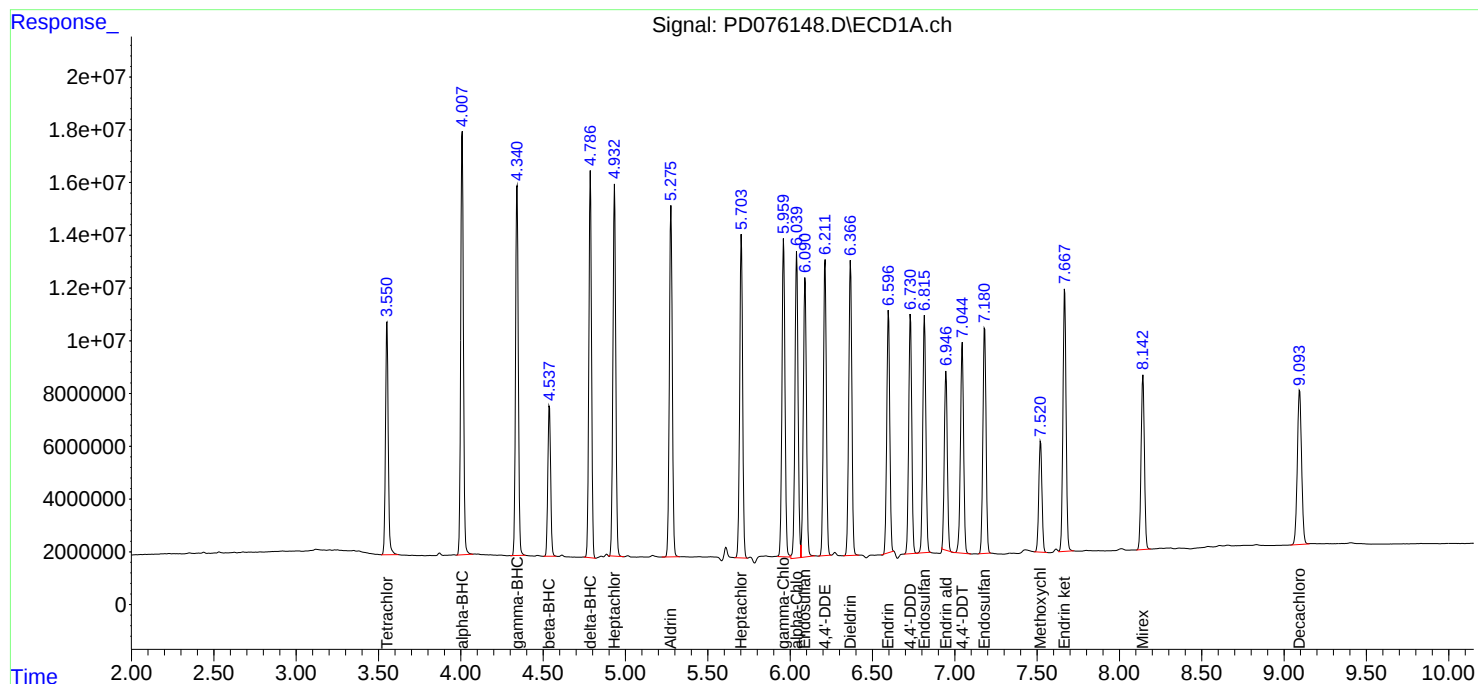
APPROVED

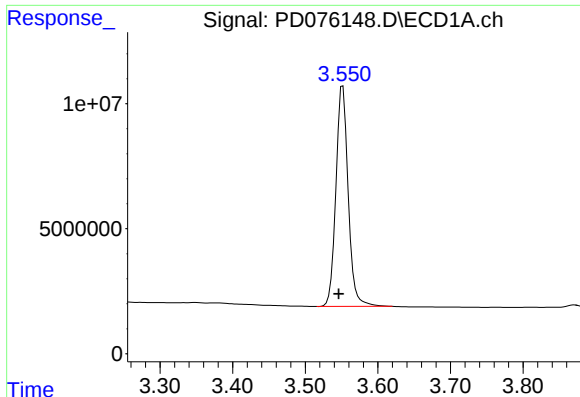
Reviewed By :Abdul Mirza 06/26/2023

Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:18:30 2023
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QLast Update : Fri Jun 16 10:43:19 2023
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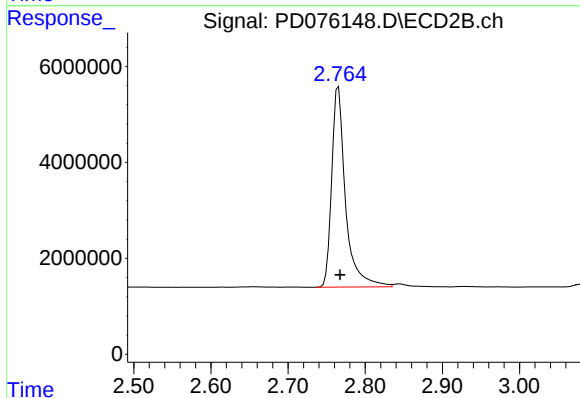
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.006 min
Response: 103620375
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

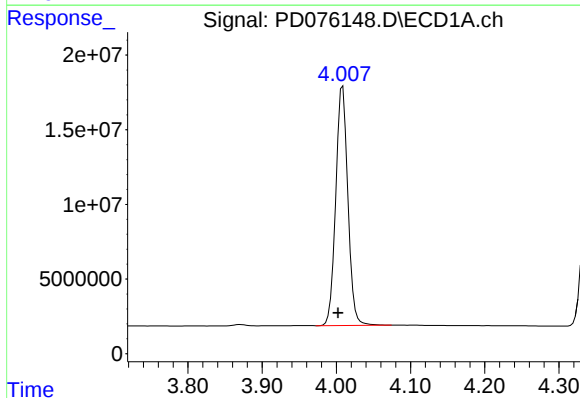
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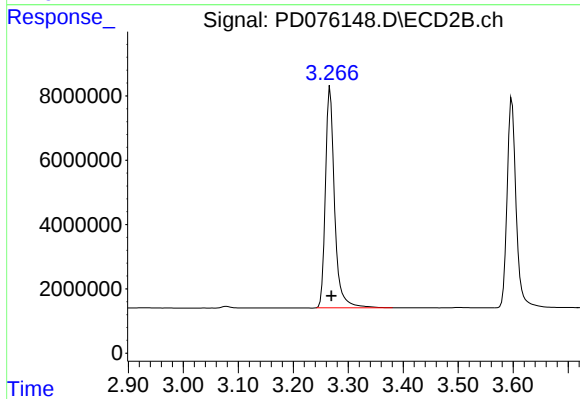
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: -0.002 min
Response: 52318993
Conc: 48.22 ng/ml



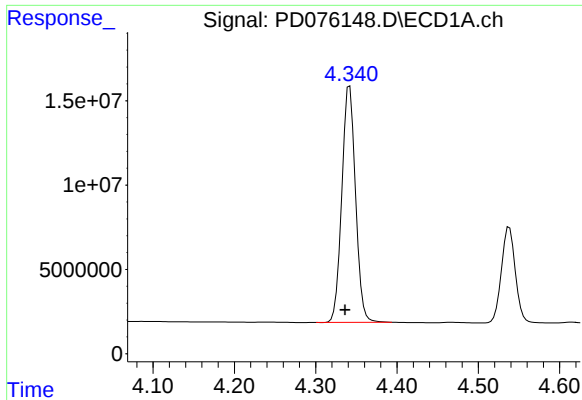
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.006 min
Response: 182492811
Conc: 49.43 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: -0.002 min
Response: 79474748
Conc: 49.68 ng/ml



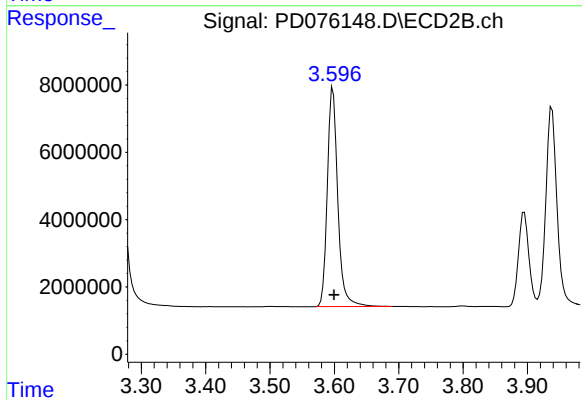
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.006 min
Response: 163648717
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

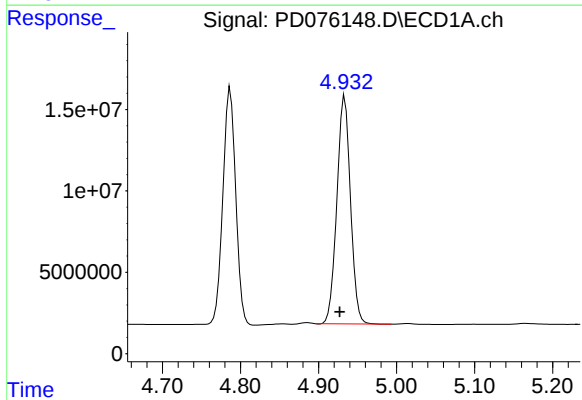
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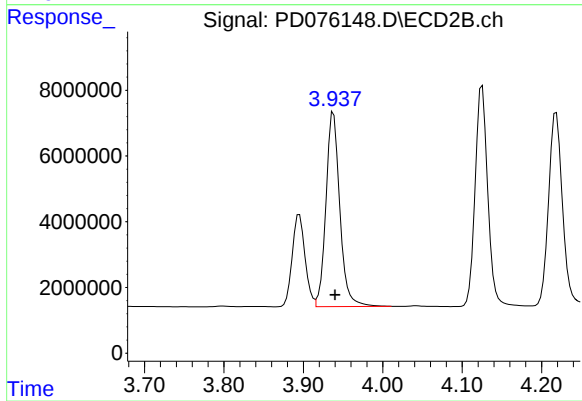
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.002 min
Response: 73670793
Conc: 50.00 ng/ml



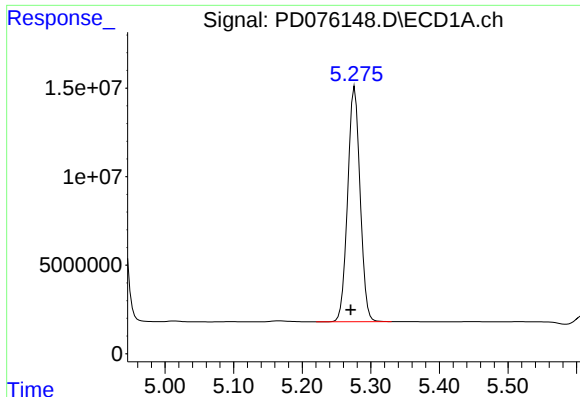
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.006 min
Response: 169427448
Conc: 47.24 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 71641619
Conc: 47.17 ng/ml



#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.006 min
Response: 167360969
Conc: 47.76 ng/ml

Instrument :

ECD_D

ClientSampleId :

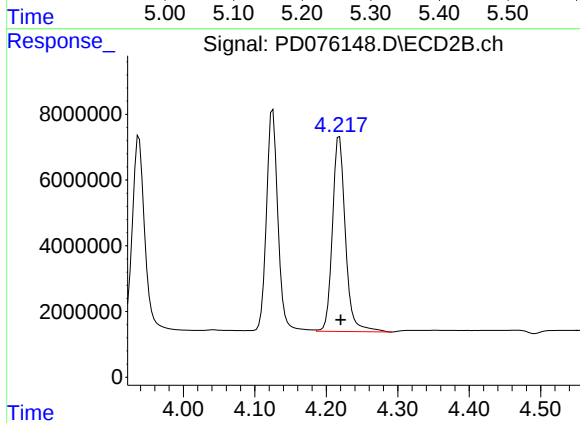
PSTDCCC050

Manual Integrations

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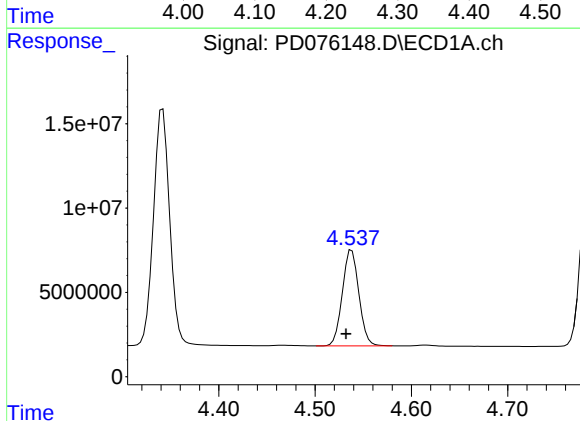
Reviewed By :Abdul Mirza 06/26/2023

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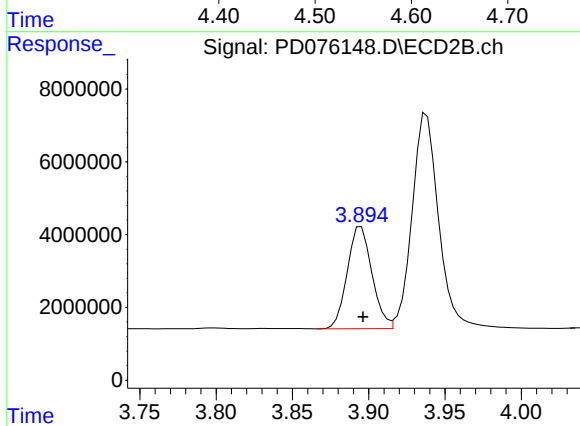
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 75041192
Conc: 50.32 ng/ml



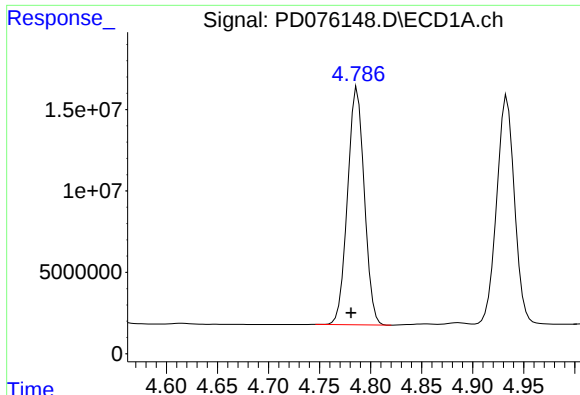
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.006 min
Response: 67517288
Conc: 46.96 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 31600147
Conc: 49.58 ng/ml



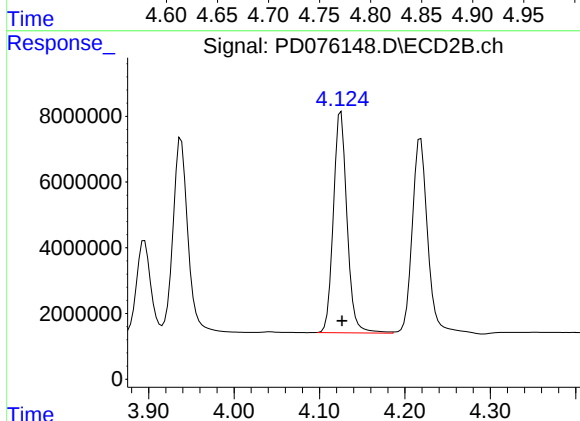
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.006 min
Response: 166510350
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

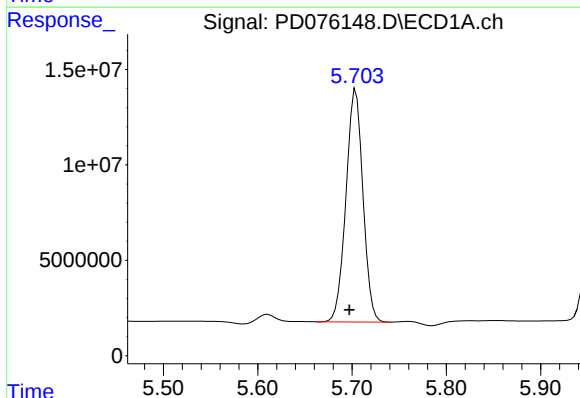
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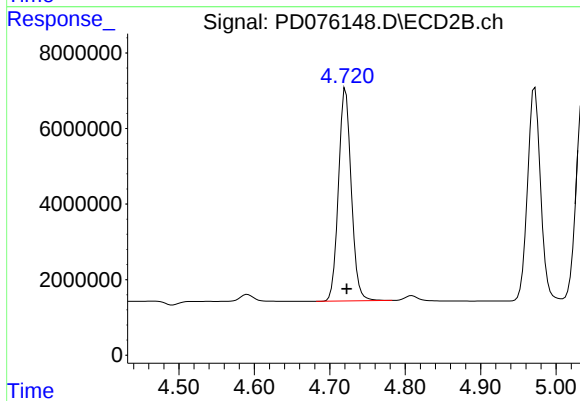
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 74953211
Conc: 51.73 ng/ml



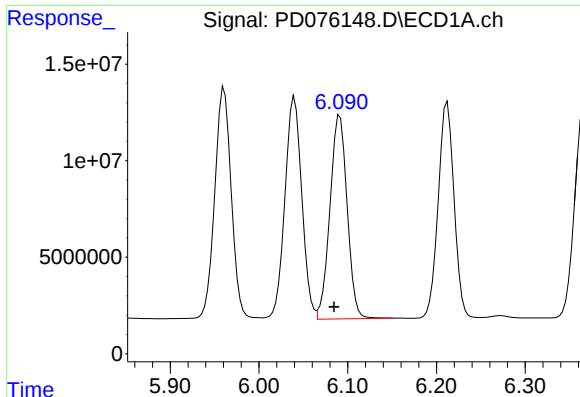
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: 0.007 min
Response: 152893565
Conc: 47.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 66242086
Conc: 48.22 ng/ml



#9 Endosulfan I

R.T.: 6.091 min
Delta R.T.: 0.006 min
Response: 142028211
Conc: 47.35 ng/ml

Instrument :

ECD_D

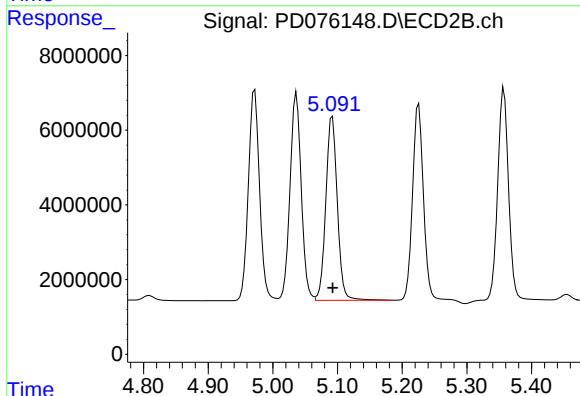
ClientSampleId :

PSTDCCC050

Manual Integrations

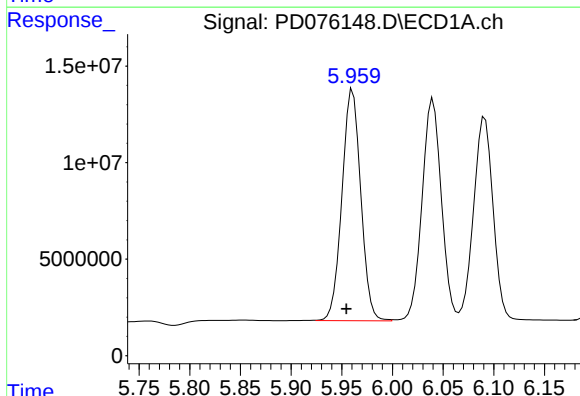
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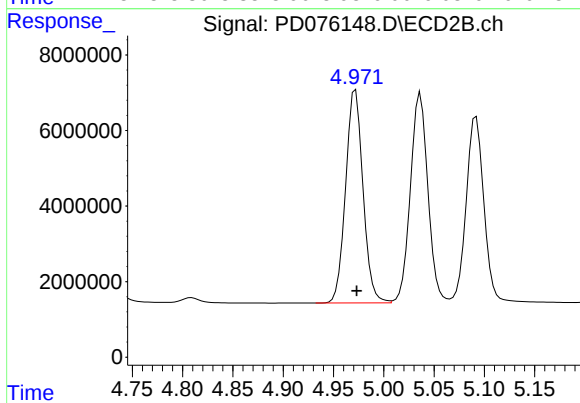
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 60784138
Conc: 47.55 ng/ml



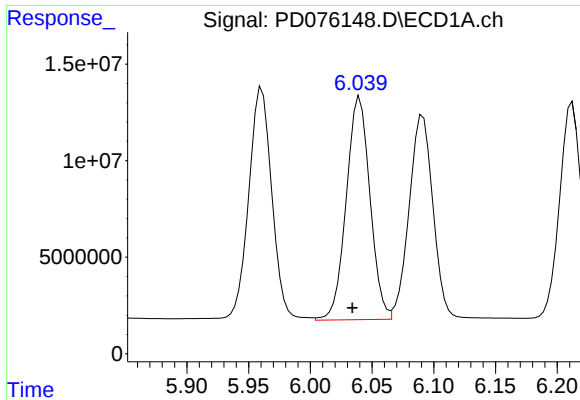
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.005 min
Response: 154725886
Conc: 48.03 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 67754320
Conc: 49.38 ng/ml



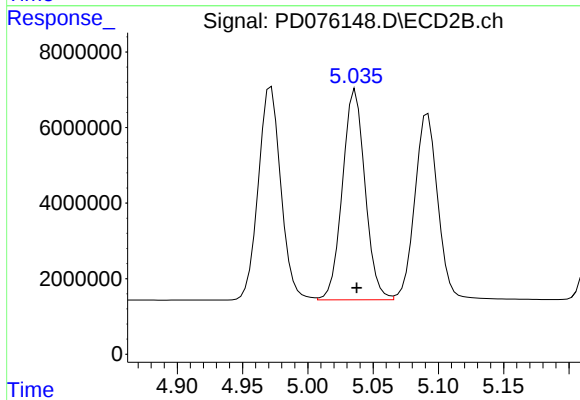
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.006 min
Response: 154576825
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

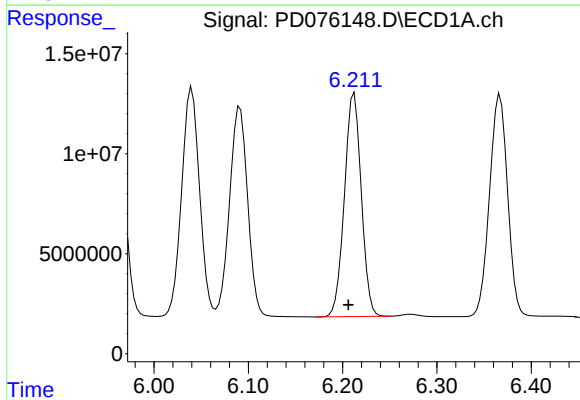
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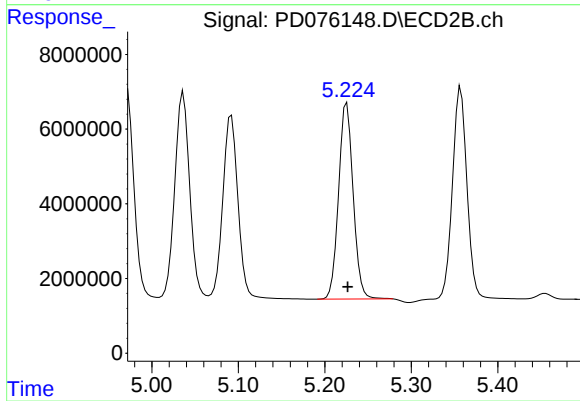
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 67152435
Conc: 48.95 ng/ml



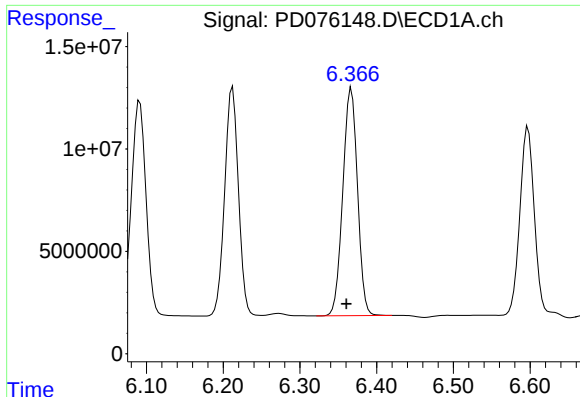
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.006 min
Response: 138861187
Conc: 48.58 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 61086504
Conc: 54.73 ng/ml



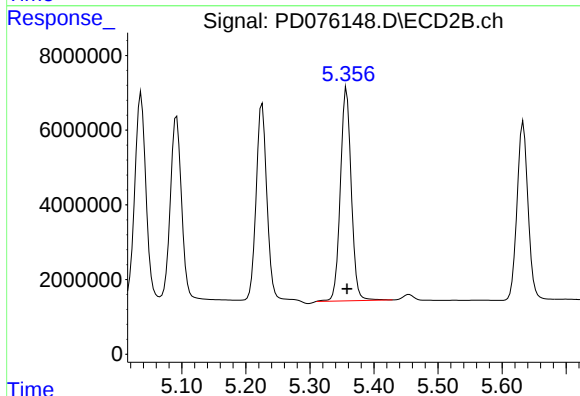
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: 0.006 min
Response: 148148054
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

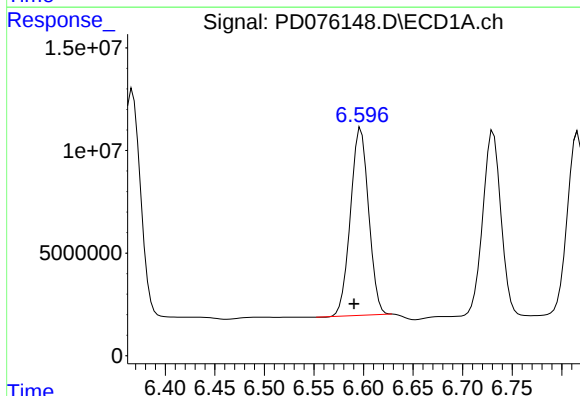
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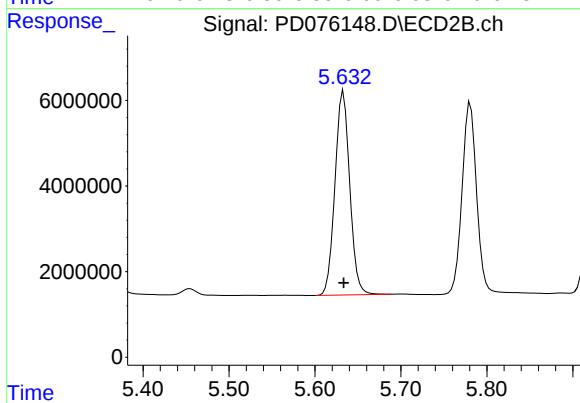
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 67313875
Conc: 49.89 ng/ml



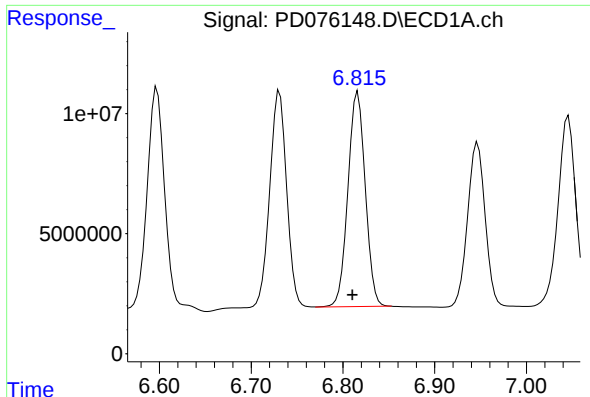
#14 Endrin

R.T.: 6.597 min
Delta R.T.: 0.007 min
Response: 116782628
Conc: 43.67 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 56706873
Conc: 46.60 ng/ml



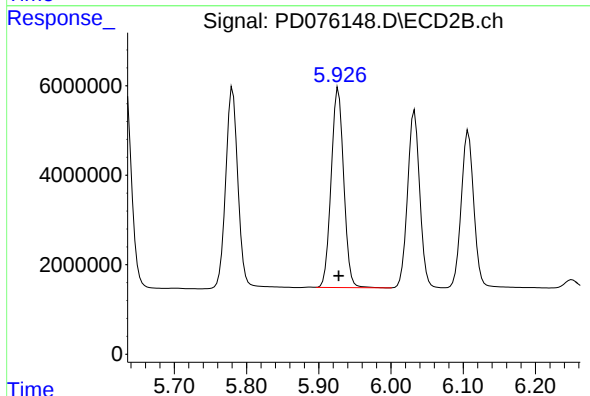
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: 0.006 min
Response: 117258926
Conc: 45.39 ng/ml

Instrument :
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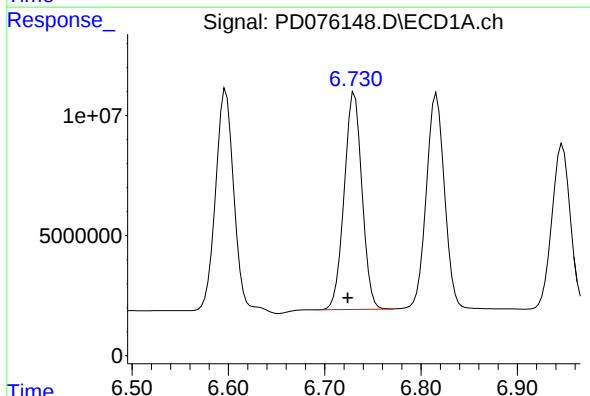
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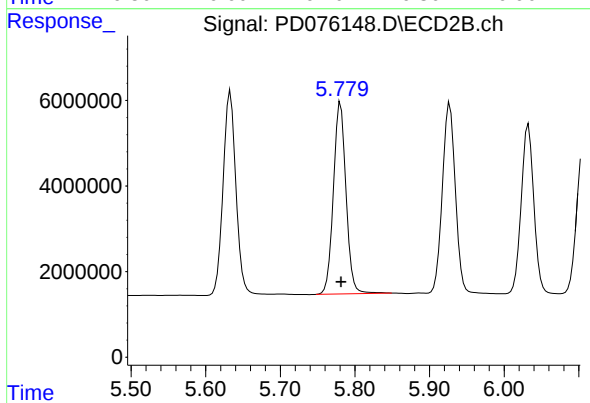
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 53936847
Conc: 49.99 ng/ml



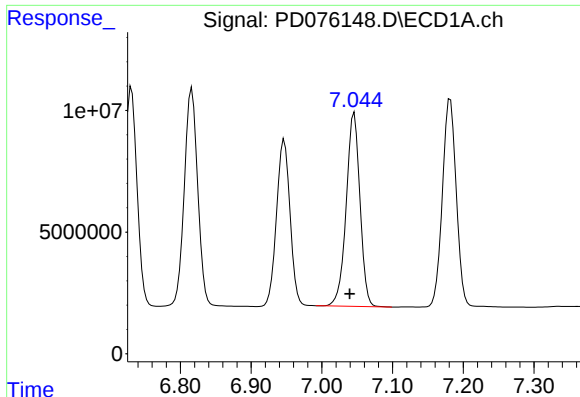
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 115479103
Conc: 50.75 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 52775157
Conc: 59.89 ng/ml



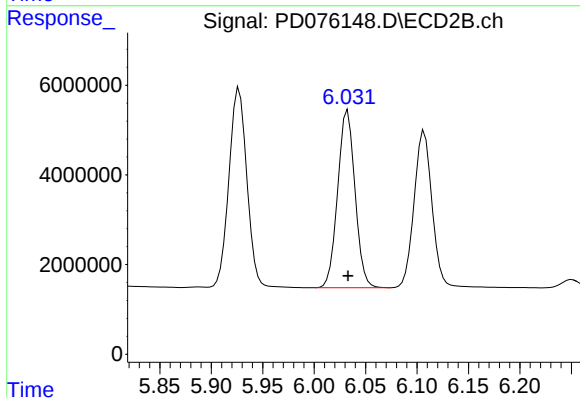
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.006 min
Response: 107525241
Conc: 47.38 ng/ml

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ECD_D
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PSTDCCC050

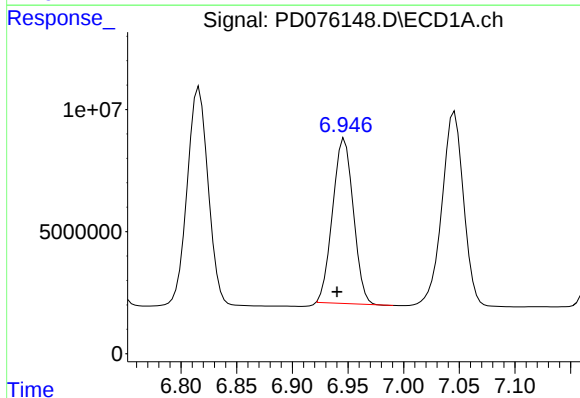
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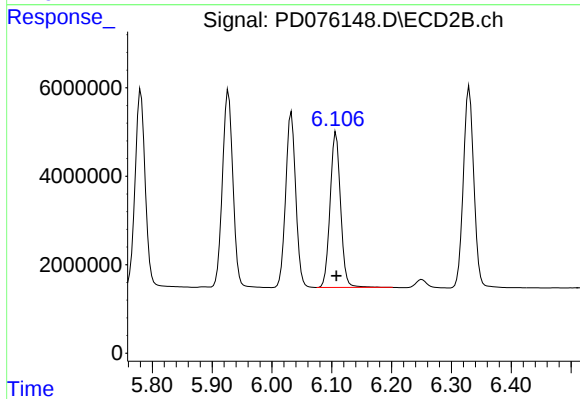
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 46337187
Conc: 57.04 ng/ml



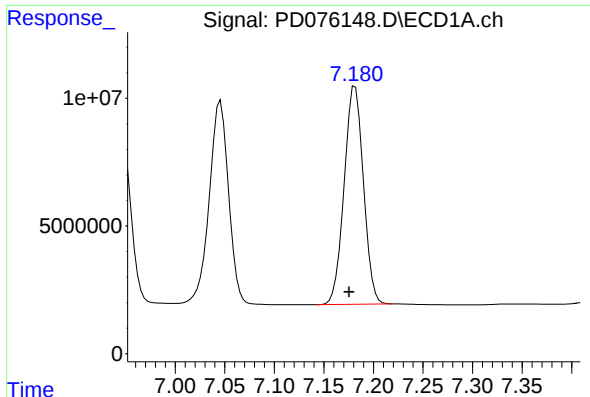
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.007 min
Response: 87356991
Conc: 43.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 42616123
Conc: 49.24 ng/ml



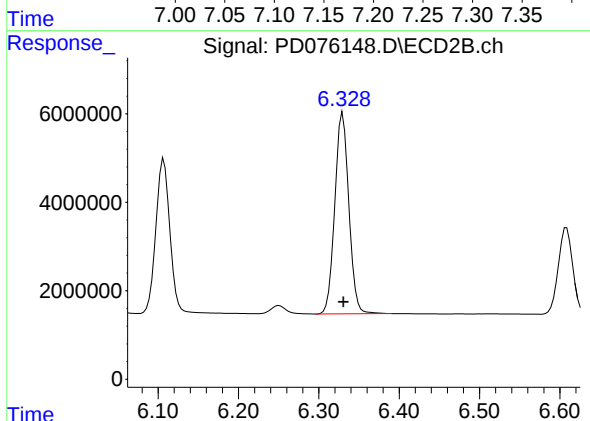
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.006 min
Response: 115605377
Conc: 45.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

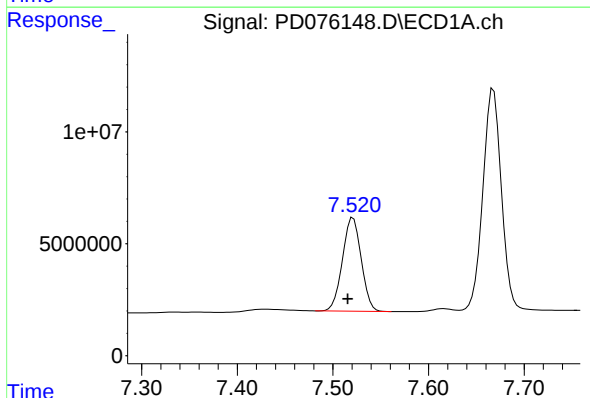
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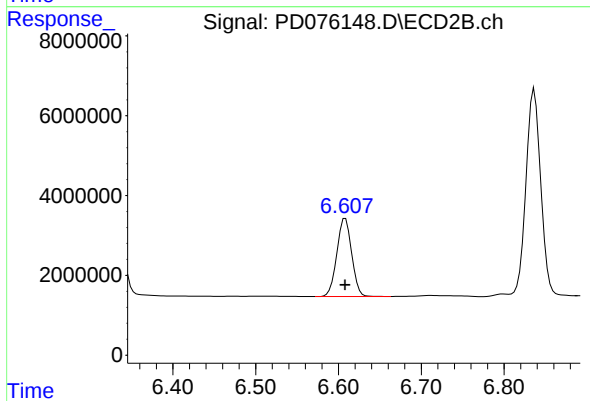
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 55249943
Conc: 51.13 ng/ml



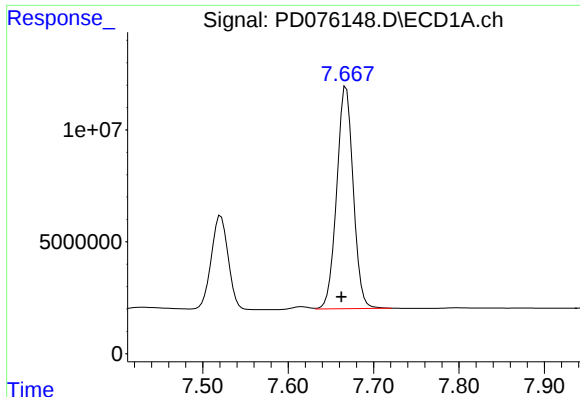
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.006 min
Response: 57268205
Conc: 44.24 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 24348836
Conc: 52.61 ng/ml



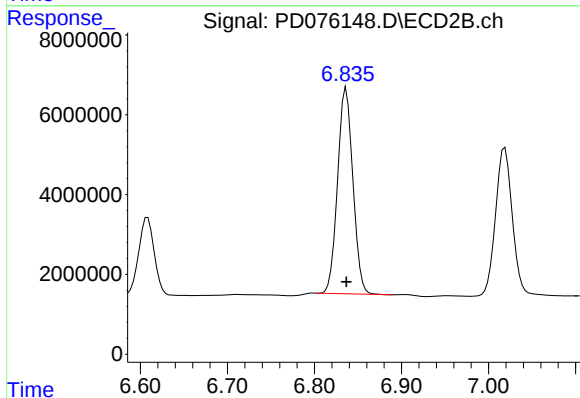
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: 0.005 min
Response: 133391713
Conc: 47.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

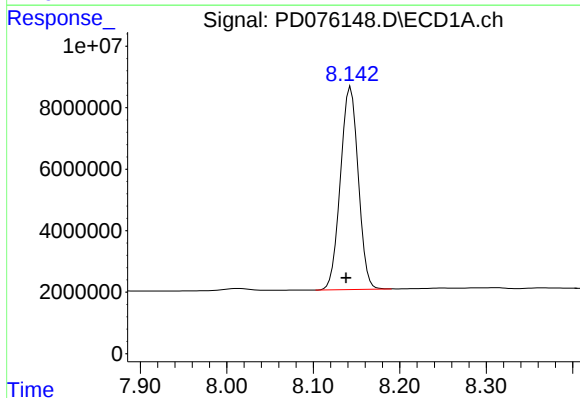
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/27/2023



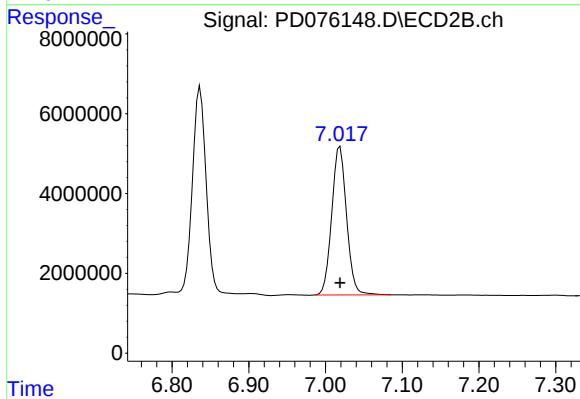
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 63104806
Conc: 51.94 ng/ml



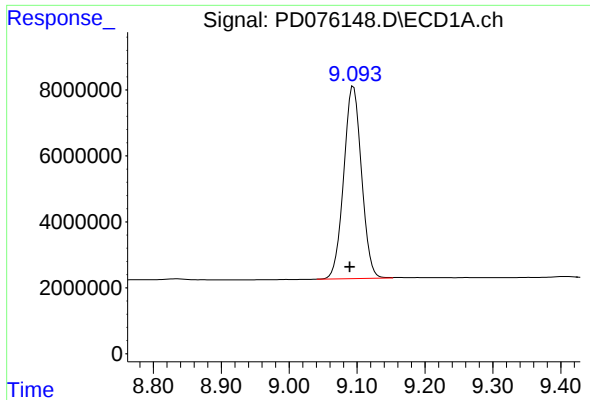
#22 Mirex

R.T.: 8.143 min
Delta R.T.: 0.005 min
Response: 93823201
Conc: 43.79 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 49959072
Conc: 47.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.006 min
Response: 106120849
Conc: 41.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

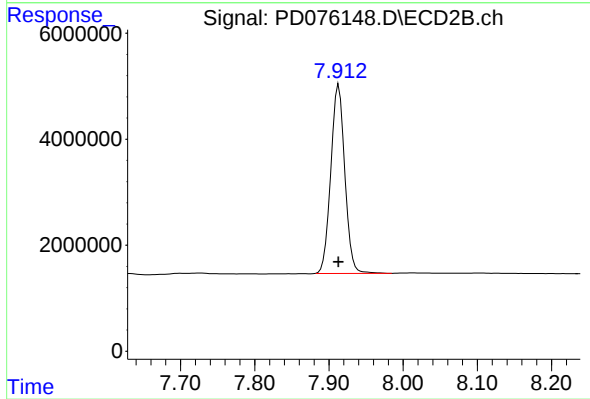
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 46743863
Conc: 47.81 ng/ml