

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 13:29
 Operator : AR\AJ
 Sample : 03235-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 A-MANHOLEMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 21:49:11 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...	3.547	2.768	55279701	24719446	25.951	22.784
28)	SA Decachlor...	9.092	7.915	54249322	21973946	21.414	22.473
Target Compounds							
2)	A alpha-BHC	4.004	3.270	203.1E6	82874593	55.006	51.805
3)	MA gamma-BHC...	4.337	3.600	186.3E6	77562867	55.357	52.641
4)	MA Heptachlor	4.929	3.940	197.7E6	79580773	55.127	52.395
5)	MB Aldrin	5.272	4.221	193.1E6	78293553	55.106	52.504
6)	B beta-BHC	4.533	3.897	77960277	33605894	54.225	52.723
7)	B delta-BHC	4.782	4.127	132.6E6	54995442	39.910	37.955
8)	B Heptachlo...	5.699	4.723	172.7E6	70851353	53.600	51.579
9)	A Endosulfan I	6.087	5.094	160.5E6	66127246	53.515	51.734
10)	B gamma-Chl...	5.956	4.974	174.7E6	71846352	54.243	52.362
11)	B alpha-Chl...	6.036	5.038	172.4E6	71016738	53.340	51.770
12)	B 4,4'-DDE	6.208	5.227	161.0E6	64592243	56.316	57.870
13)	MA Dieldrin	6.362	5.359	168.8E6	70262050	54.025	52.078
14)	MA Endrin	6.593	5.635	142.9E6	63399382	53.426	52.095
15)	B Endosulfa...	6.812	5.929	133.8E6	57301397	51.793	53.113
16)	A 4,4'-DDD	6.726	5.782	129.2E6	52788878	56.776	59.901
17)	MA 4,4'-DDT	7.041	6.034	125.1E6	49470810	55.145	60.903
18)	B Endrin al...	6.941	6.108	105.6E6	45317481	52.620m	52.360
19)	B Endosulfa...	7.178	6.332	126.9E6	55134133	50.378	51.021
20)	A Methoxychlor	7.517	6.610	67483750	27795808	52.135	60.054
21)	B Endrin ke...	7.664	6.838	149.3E6	65332051	53.605	53.773
22)	Mirex	8.140	7.021	109.0E6	51986076	50.852	49.595

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
Data File : PD075845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jun 2023 13:29
Operator : AR\AJ
Sample : 03235-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

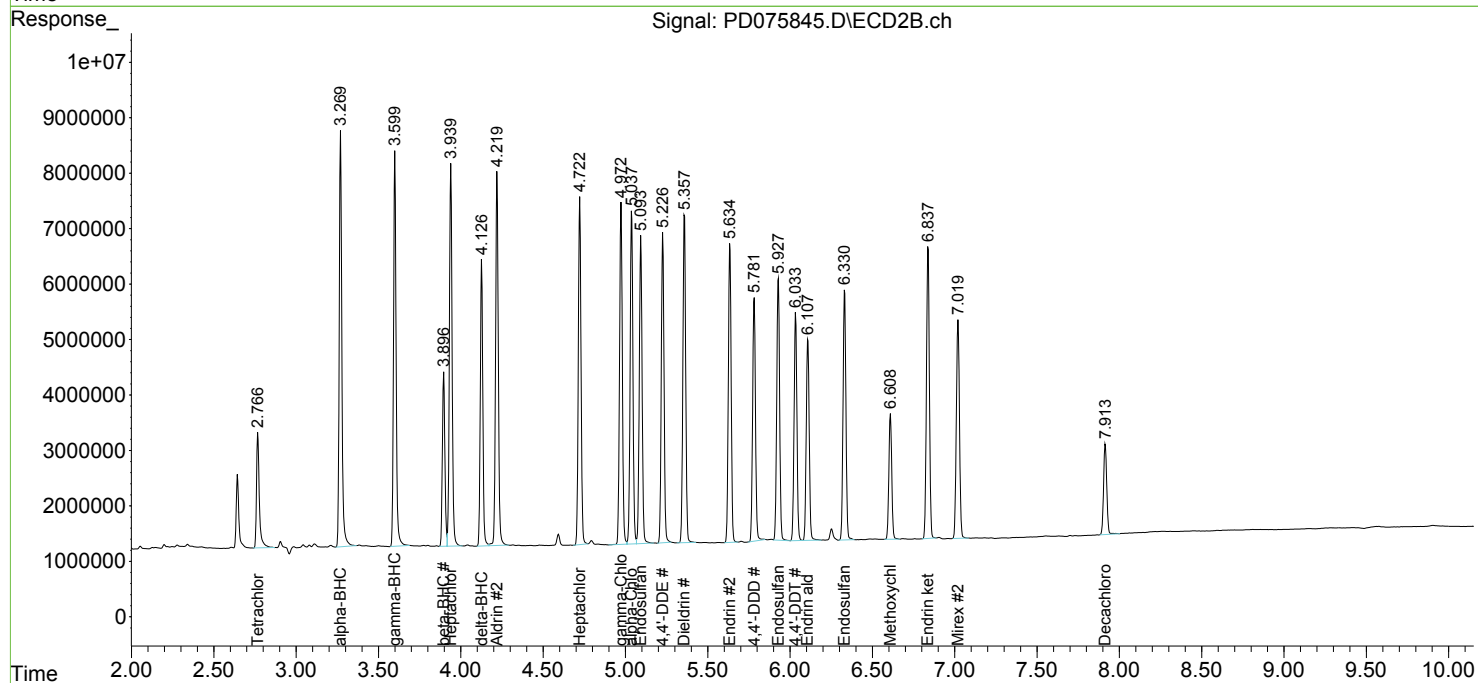
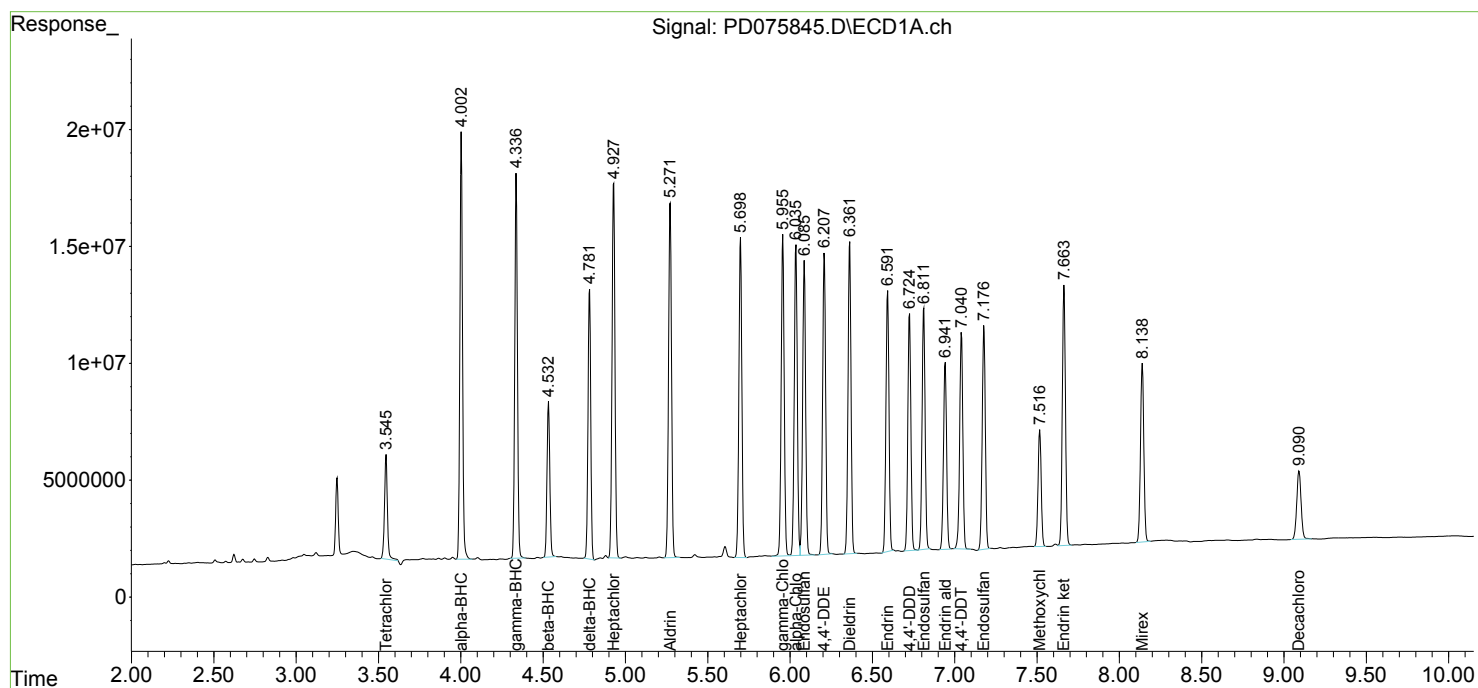
Instrument :
ECD_D
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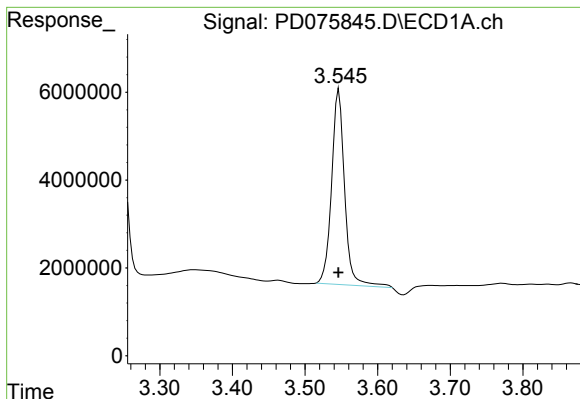
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 21:49:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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Volume Inj. : 2 µl
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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.: 3.547 min
Delta R.T.: 0.000 min
Response: 55279701
Conc: 25.95 ng/ml

Instrument :

ECD_D

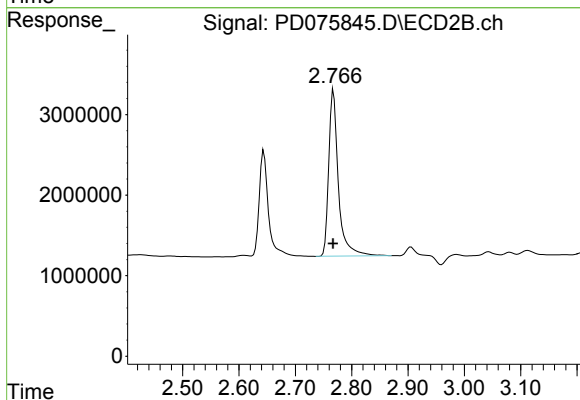
ClientSampleId :

A-MANHOLEMSD

Manual Integrations

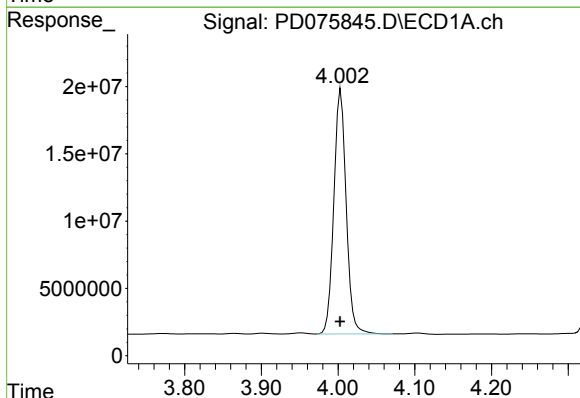
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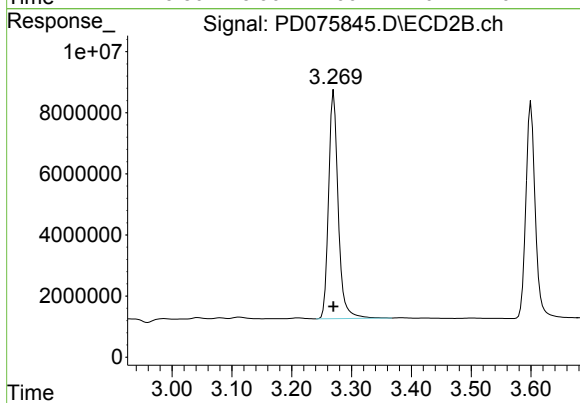
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 24719446
Conc: 22.78 ng/ml



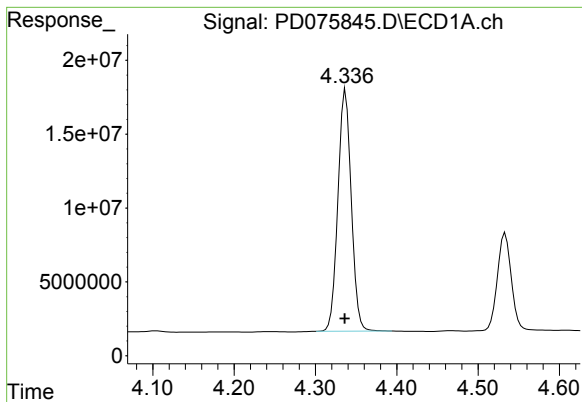
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 203089614
Conc: 55.01 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 82874593
Conc: 51.80 ng/ml



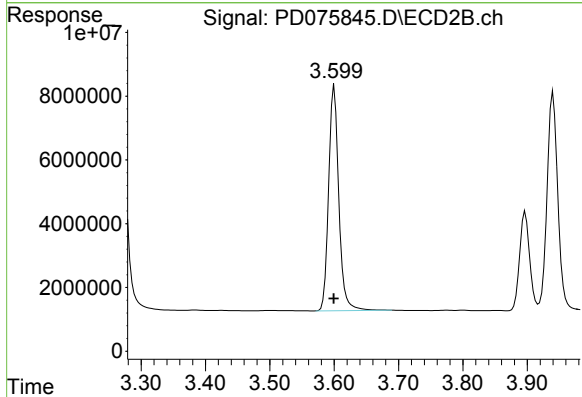
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.001 min
Response: 186270042
Conc: 55.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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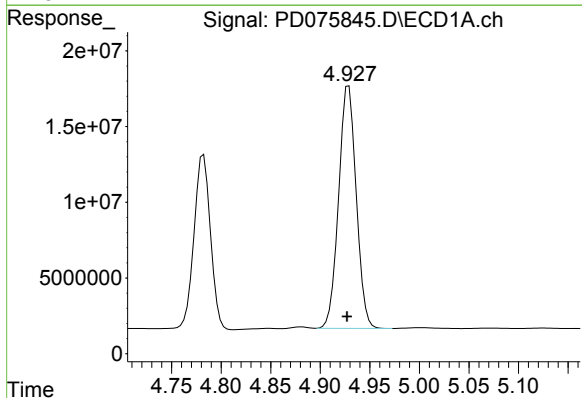
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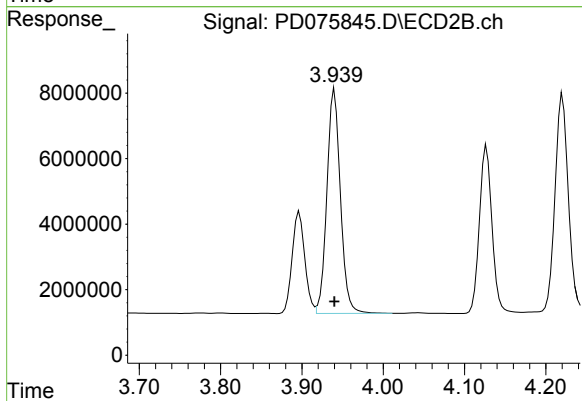
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 77562867
Conc: 52.64 ng/ml



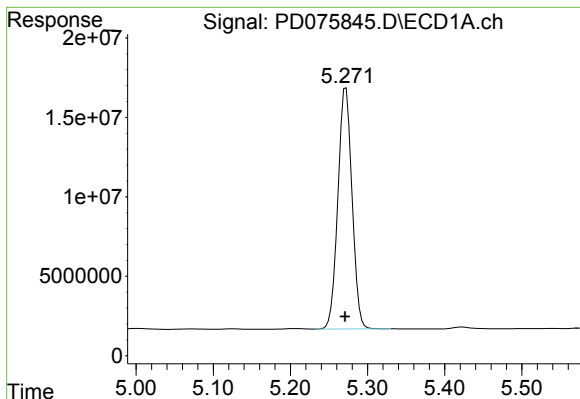
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 197719064
Conc: 55.13 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 79580773
Conc: 52.40 ng/ml



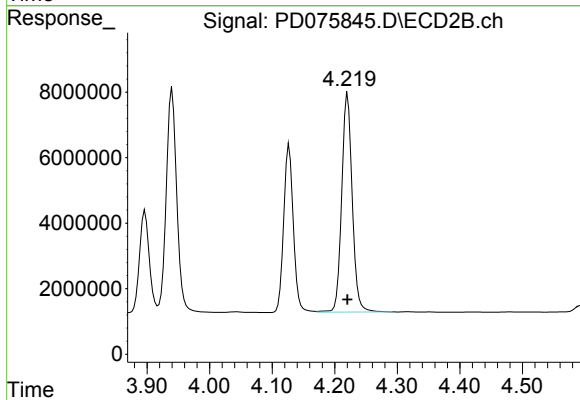
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 193102981
Conc: 55.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMSD

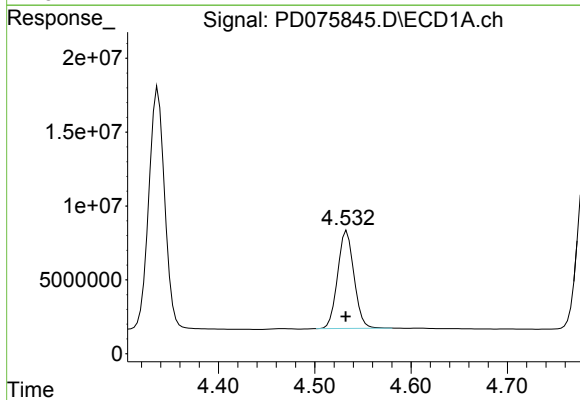
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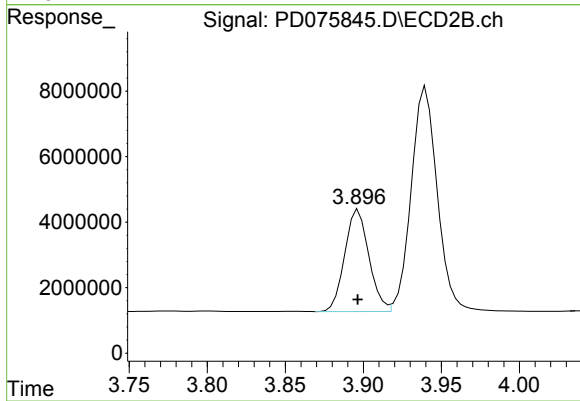
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 78293553
Conc: 52.50 ng/ml



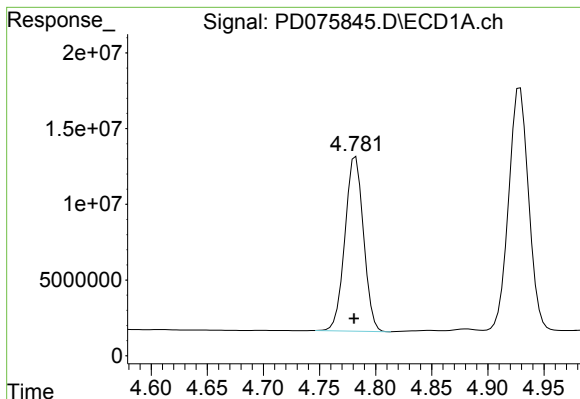
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 77960277
Conc: 54.22 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 33605894
Conc: 52.72 ng/ml



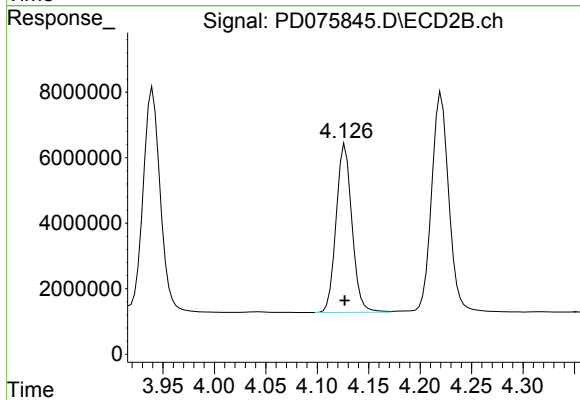
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 132647988
Conc: 39.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMSD

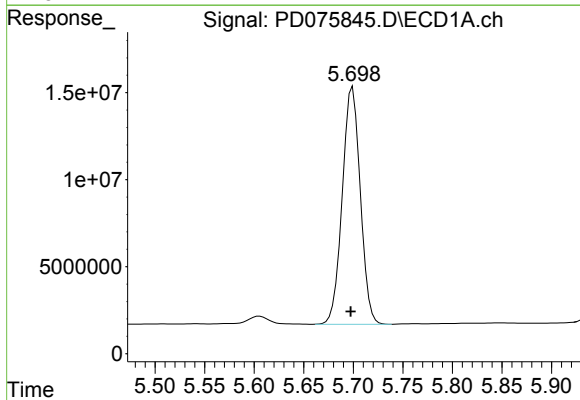
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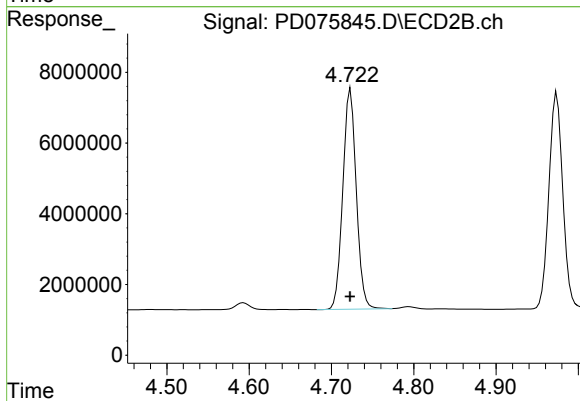
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 54995442
Conc: 37.95 ng/ml



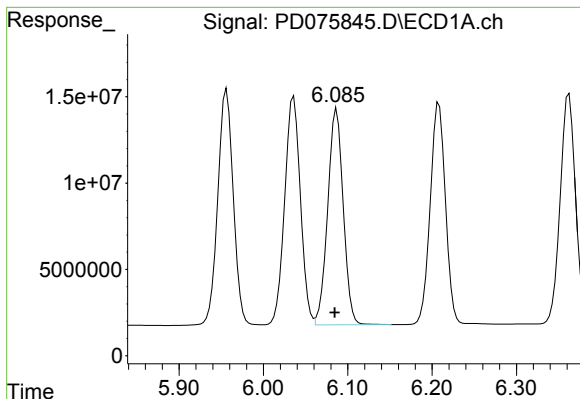
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 172714232
Conc: 53.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 70851353
Conc: 51.58 ng/ml



#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 160518867
Conc: 53.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

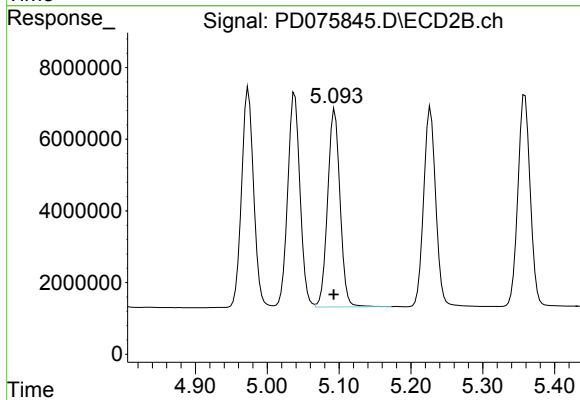
A-MANHOLEMSD

Manual Integrations

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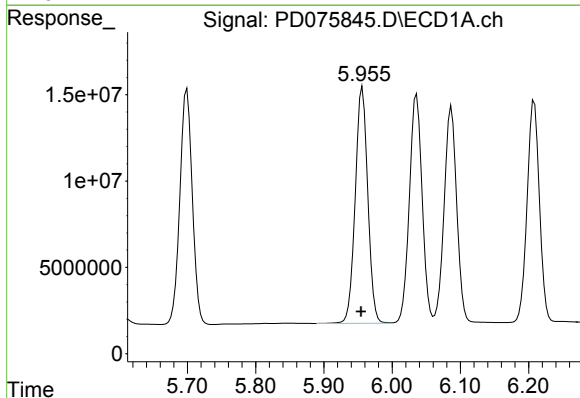
Reviewed By :Abdul Mirza 06/19/2023

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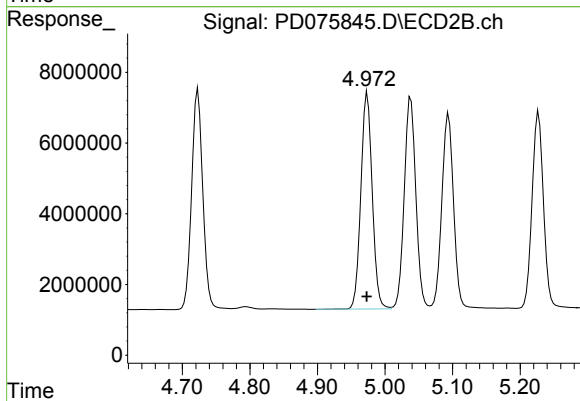
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.001 min
Response: 66127246
Conc: 51.73 ng/ml



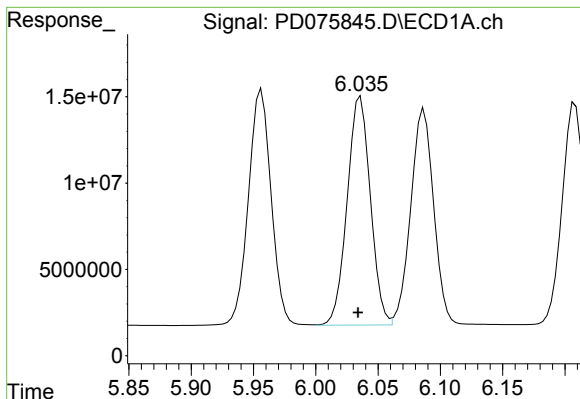
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 174735619
Conc: 54.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 71846352
Conc: 52.36 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 172442965
Conc: 53.34 ng/ml

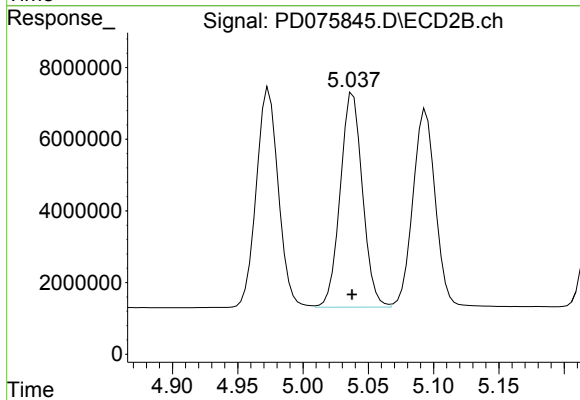
Instrument :

ECD_D

ClientSampleId :
A-MANHOLEMSD

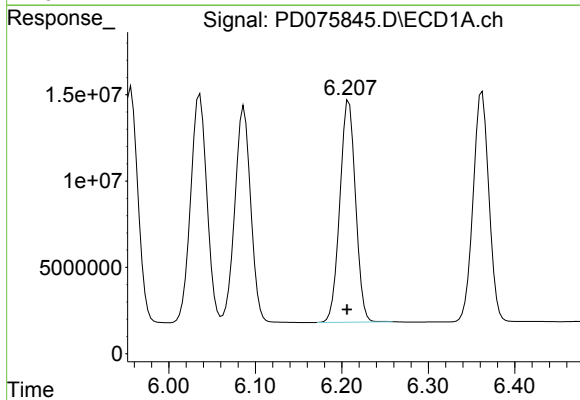
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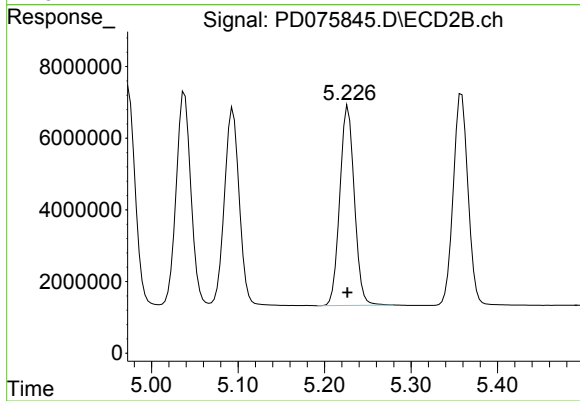
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 71016738
Conc: 51.77 ng/ml



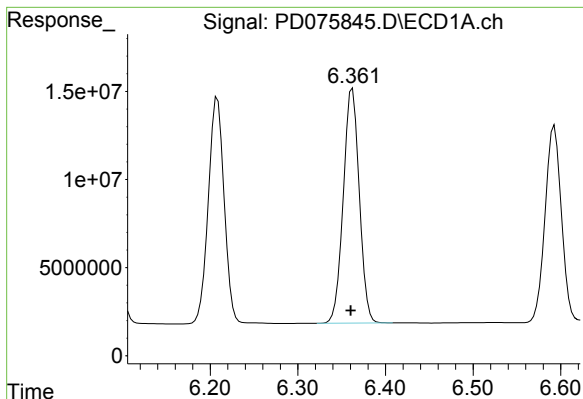
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 160958229
Conc: 56.32 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 64592243
Conc: 57.87 ng/ml



#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 168826414
Conc: 54.02 ng/ml

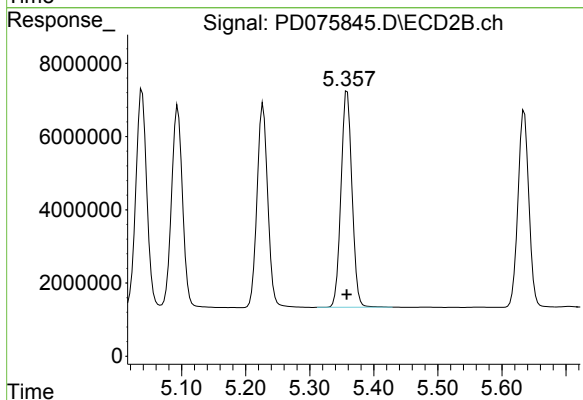
Instrument :

ECD_D

ClientSampleId :
A-MANHOLEMSD

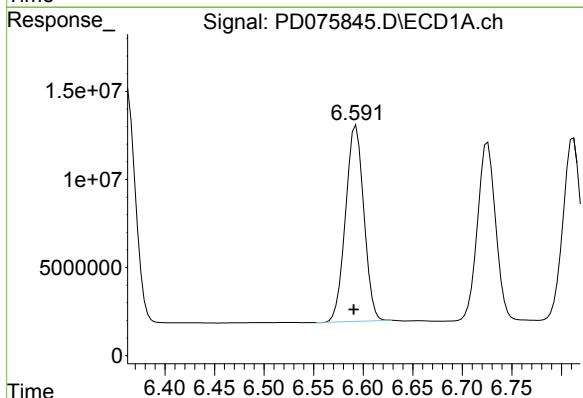
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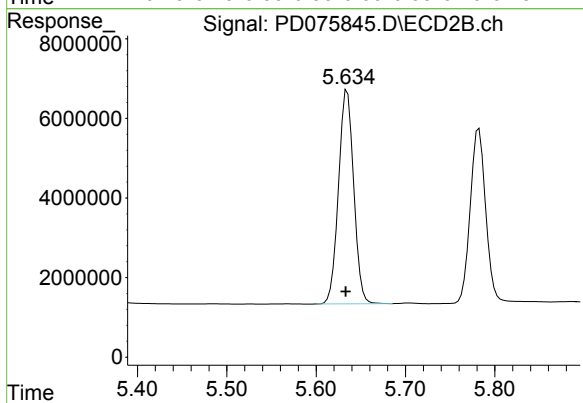
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 70262050
Conc: 52.08 ng/ml



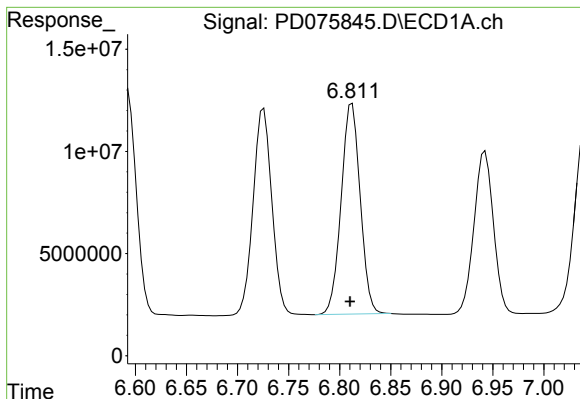
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 142878698
Conc: 53.43 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 63399382
Conc: 52.10 ng/ml



#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 133813157
Conc: 51.79 ng/ml

Instrument :

ECD_D

ClientSampleId :

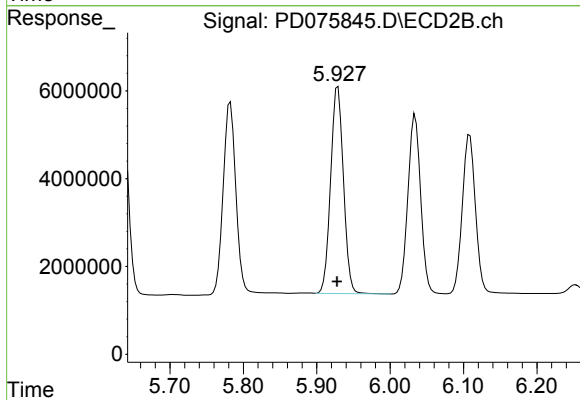
A-MANHOLEMSD

Manual Integrations

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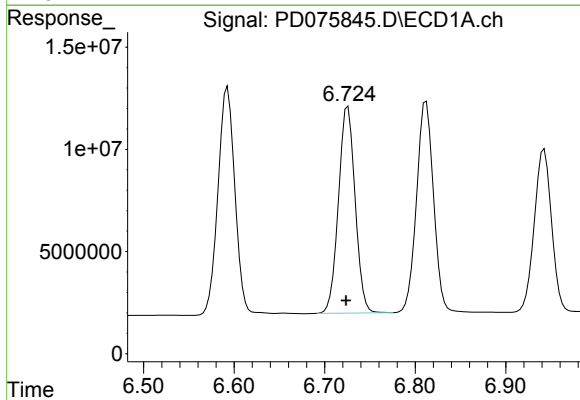
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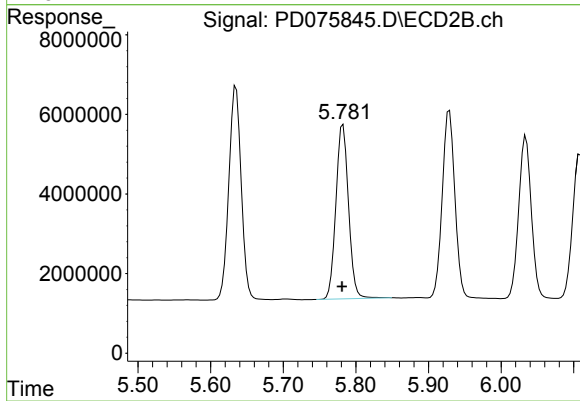
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.001 min
Response: 57301397
Conc: 53.11 ng/ml



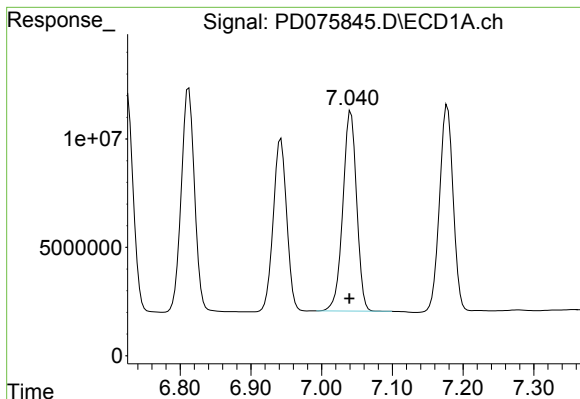
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 129202244
Conc: 56.78 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 52788878
Conc: 59.90 ng/ml



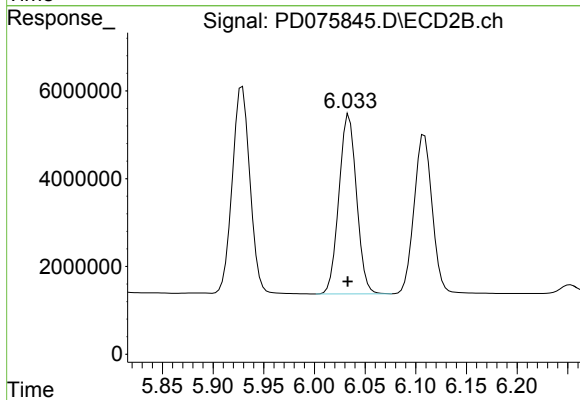
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.002 min
Response: 125138982
Conc: 55.15 ng/ml

Instrument :
ECD_D
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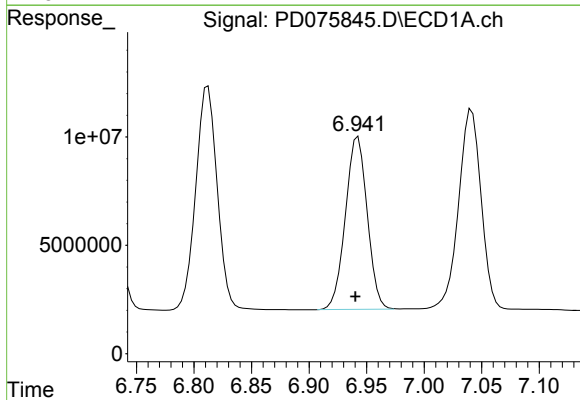
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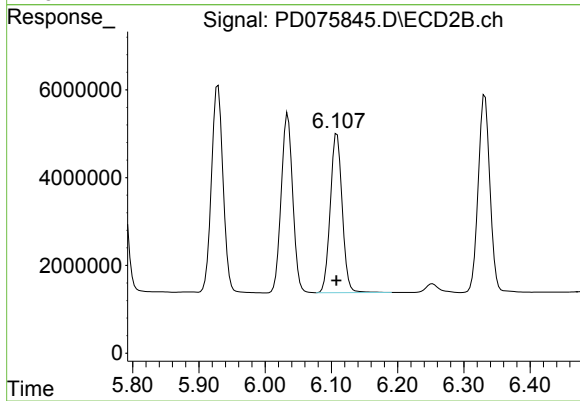
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.001 min
Response: 49470810
Conc: 60.90 ng/ml



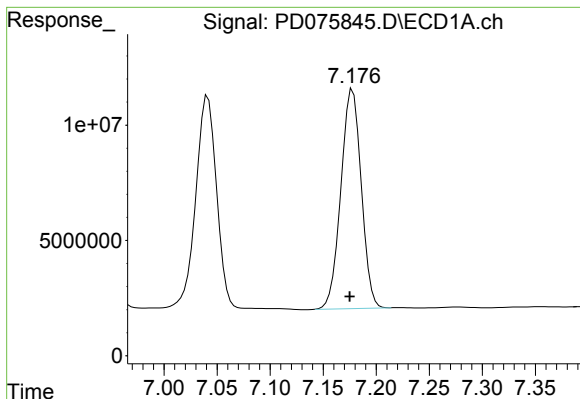
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 105586189
Conc: 52.62 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.001 min
Response: 45317481
Conc: 52.36 ng/ml



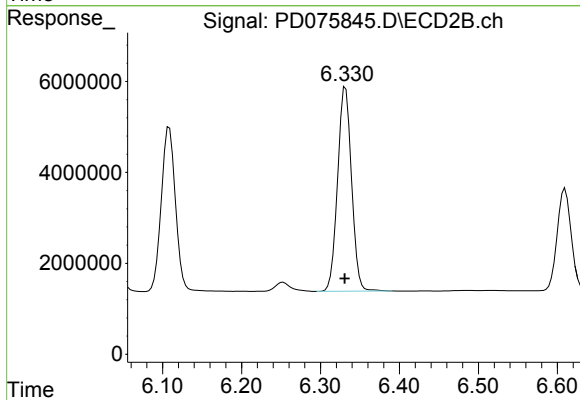
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.003 min
Response: 126920406
Conc: 50.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
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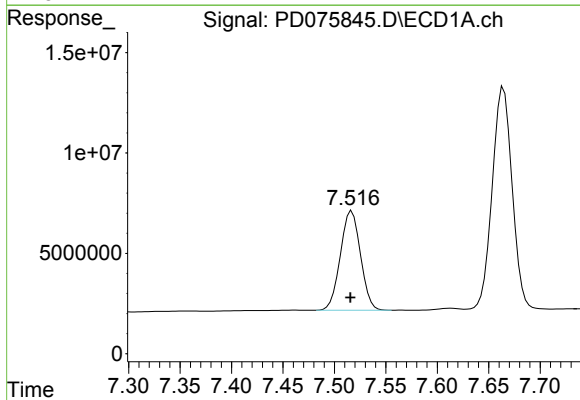
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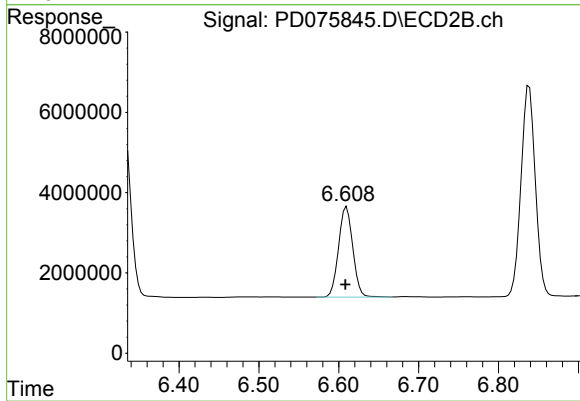
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.001 min
Response: 55134133
Conc: 51.02 ng/ml



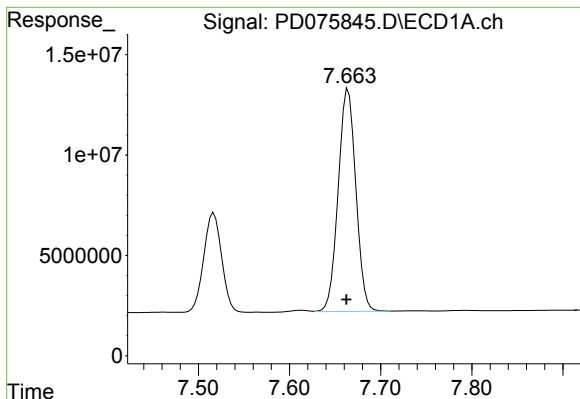
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 67483750
Conc: 52.14 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.002 min
Response: 27795808
Conc: 60.05 ng/ml



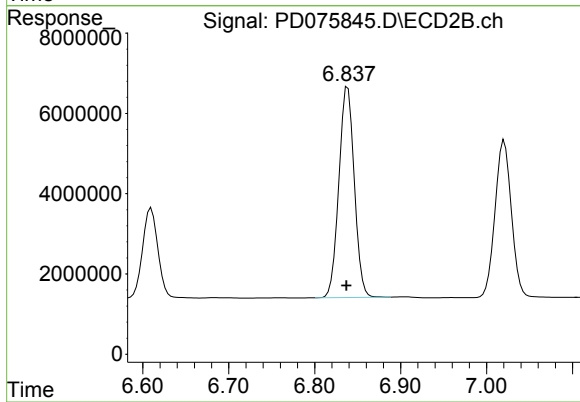
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 149339758
Conc: 53.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
A-MANHOLEMSD

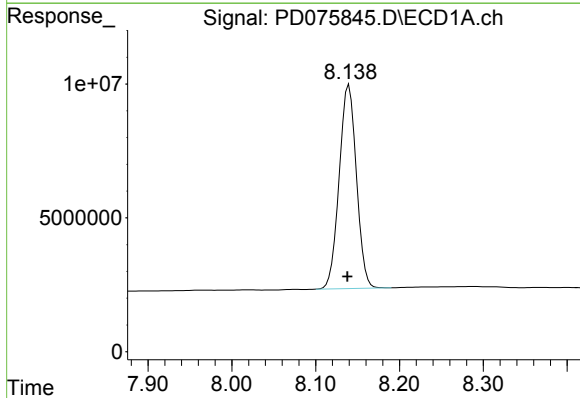
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/19/2023
Supervised By :Ankita Jodhani 06/19/2023



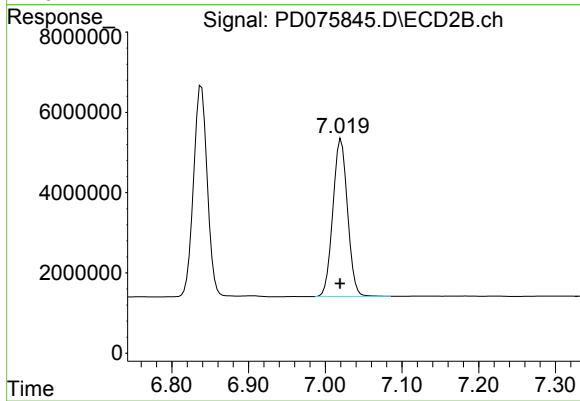
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.002 min
Response: 65332051
Conc: 53.77 ng/ml



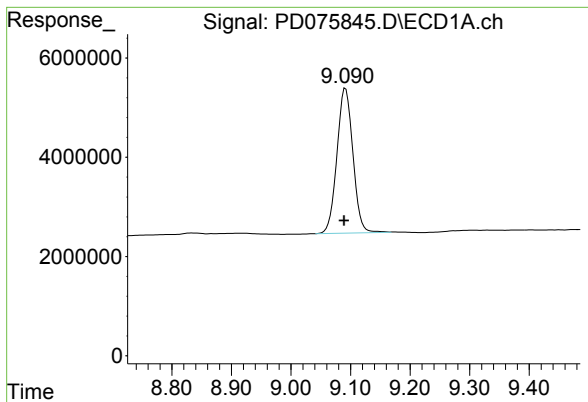
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 108953345
Conc: 50.85 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 51986076
Conc: 49.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.003 min
Response: 54249322
Conc: 21.41 ng/ml

Instrument :

ECD_D

ClientSampleId :

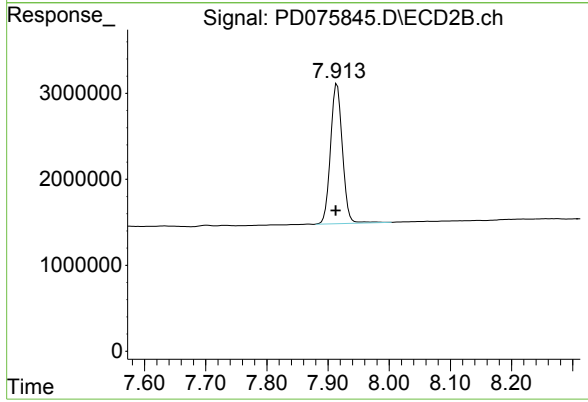
A-MANHOLEMSD

Manual Integrations

APPROVED

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Supervised By :Ankita Jodhani 06/19/2023



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.002 min
Response: 21973946
Conc: 22.47 ng/ml