

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 13:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/16/2023
 Supervised By :Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 17:55:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 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...	3.554	2.770	105.8E6	52702914	45.373	43.306
28)	SA Decachlor...	9.101	7.926	117.2E6	56175860	43.823	45.786
Target Compounds							
2)	A alpha-BHC	4.011	3.275	186.0E6	82790109	47.923	44.549
3)	MA gamma-BHC...	4.345	3.605	169.0E6	77668672	48.159	45.336
4)	MA Heptachlor	4.937	3.947	171.1E6	75868284	49.923	44.474
5)	MB Aldrin	5.281	4.228	165.7E6	77023261	49.218	45.654
6)	B beta-BHC	4.539	3.901	69984478	33699522	47.354	44.629
7)	B delta-BHC	4.788	4.132	158.1E6	77640314	57.618	45.614
8)	B Heptachlo...	5.707	4.731	142.4E6	69728464	50.628	45.423
9)	A Endosulfan I	6.095	5.102	137.7E6	65254994	48.436	45.343
10)	B gamma-Chl...	5.964	4.982	148.0E6	70998384	49.313	45.726
11)	B alpha-Chl...	6.044	5.047	146.9E6	70522250	48.720	45.793
12)	B 4,4'-DDE	6.216	5.237	134.6E6	65425499	48.807	46.364
13)	MA Dieldrin	6.371	5.367	143.6E6	69987560	48.674	46.545
14)	MA Endrin	6.601	5.643	116.9E6	60683296	47.036	46.431
15)	B Endosulfa...	6.819	5.936	117.7E6	57346547	45.675	45.576
16)	A 4,4'-DDD	6.734	5.791	110.9E6	55801399	49.435	47.803
17)	MA 4,4'-DDT	7.049	6.043	118.0E6	56996294	46.289	46.413
18)	B Endrin al...	6.948	6.116	93680425	46636316	46.864m	45.923
19)	B Endosulfa...	7.185	6.340	117.2E6	57246990	47.479	46.891
20)	A Methoxychlor	7.525	6.620	64153789	30914197	45.851	45.689
21)	B Endrin ke...	7.671	6.846	134.4E6	70169479	48.293	47.570
22)	Mirex	8.147	7.031	99121185	54825959	46.680	48.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
Data File : PD074235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2023 13:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

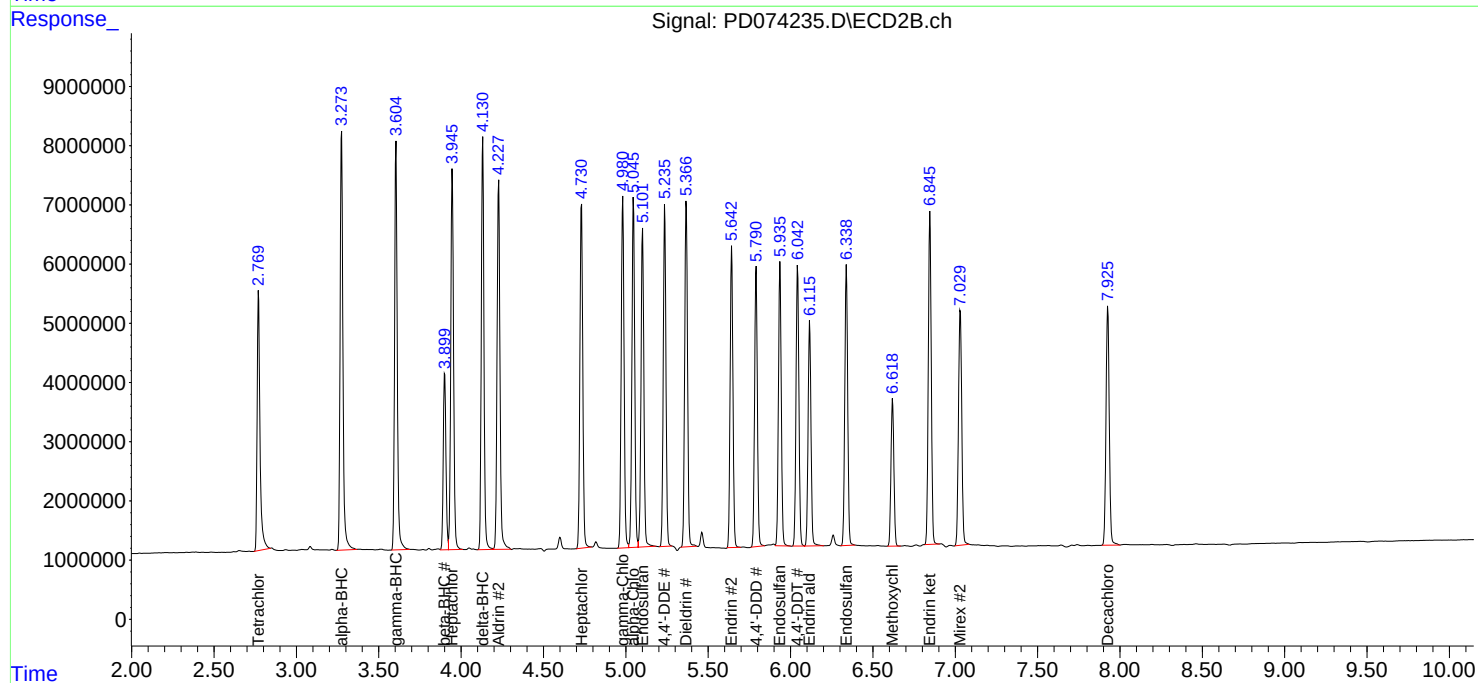
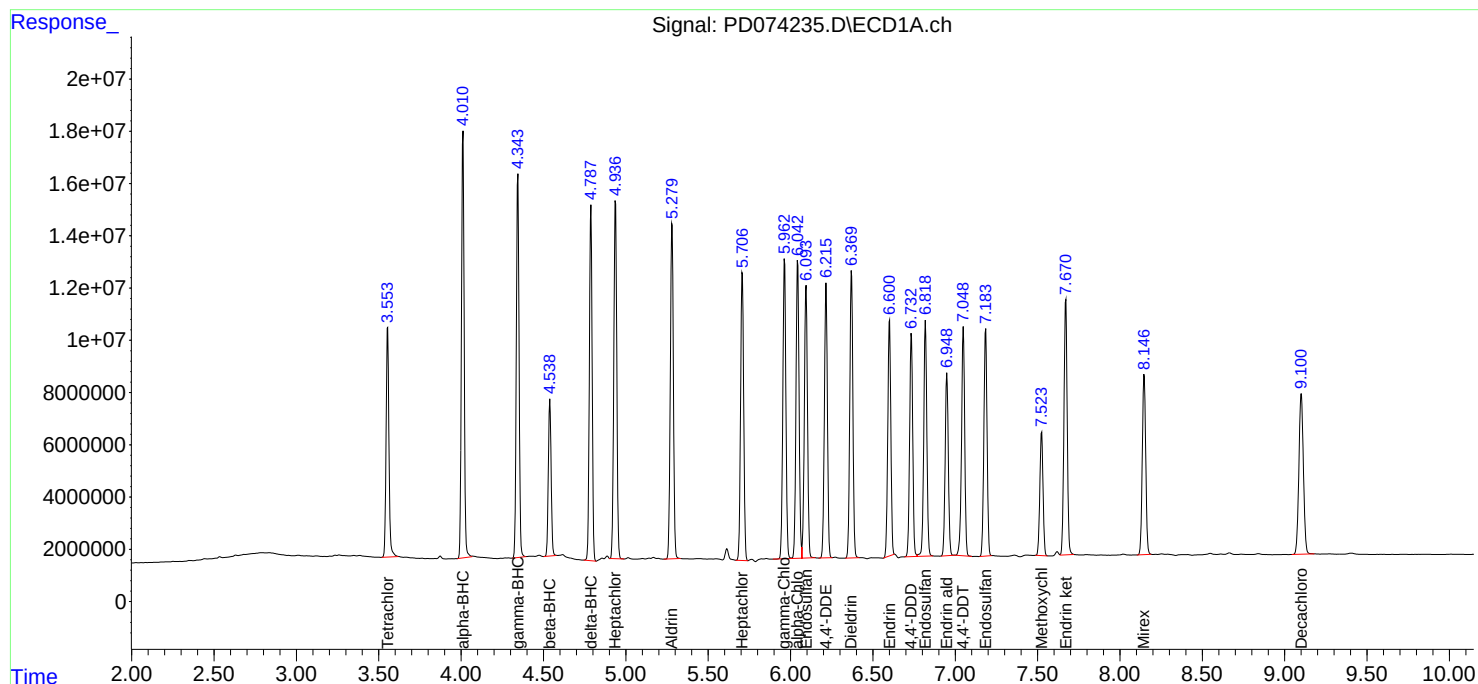
APPROVED

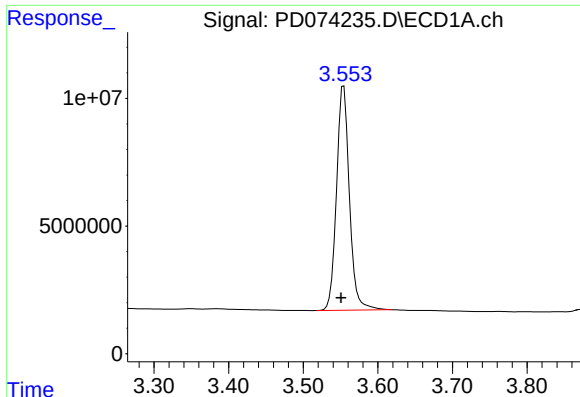
Reviewed By :Abdul Mirza 03/16/2023

Supervised By :Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 17:55:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 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





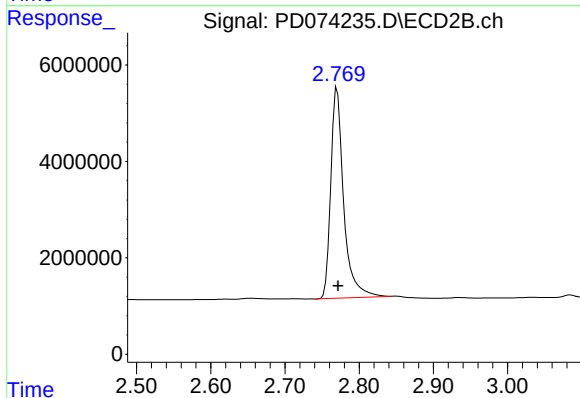
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.003 min
Response: 105836752
Conc: 45.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

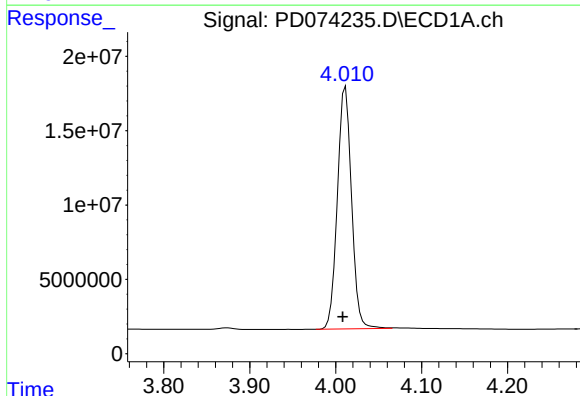
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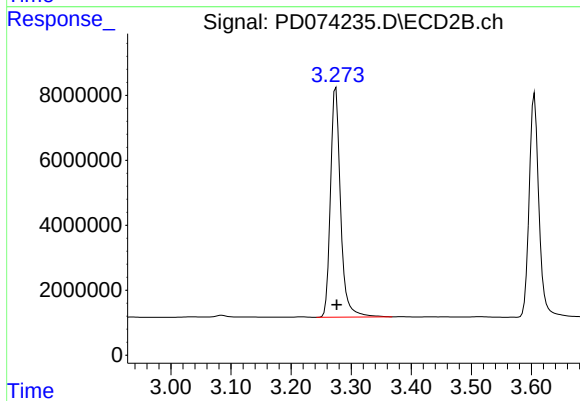
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.001 min
Response: 52702914
Conc: 43.31 ng/ml



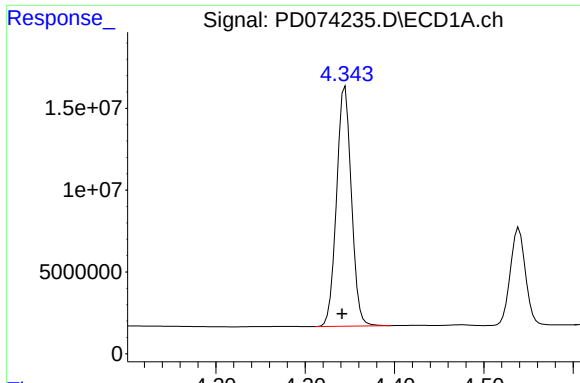
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.003 min
Response: 185973565
Conc: 47.92 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.001 min
Response: 82790109
Conc: 44.55 ng/ml



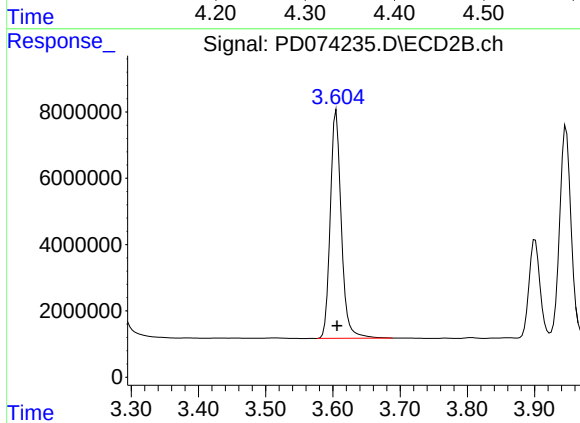
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.003 min
Response: 168956186
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

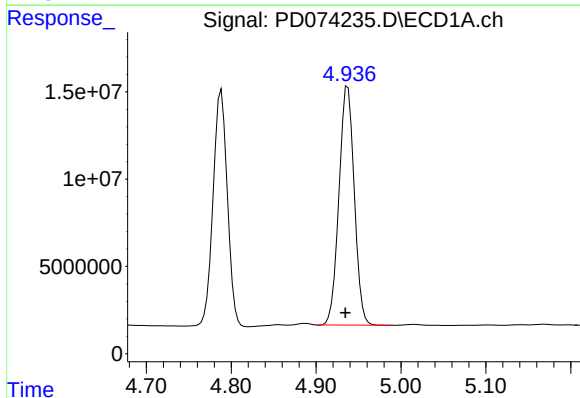
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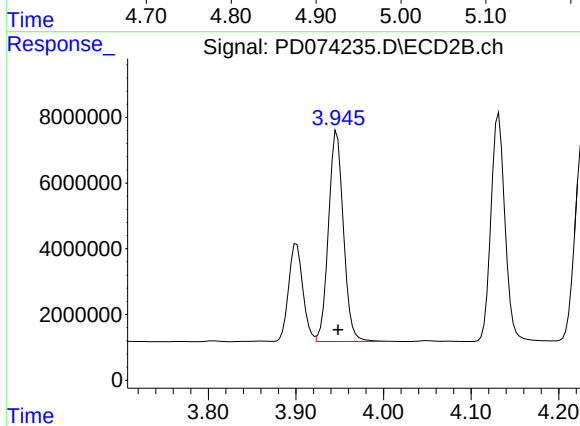
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 77668672
Conc: 45.34 ng/ml



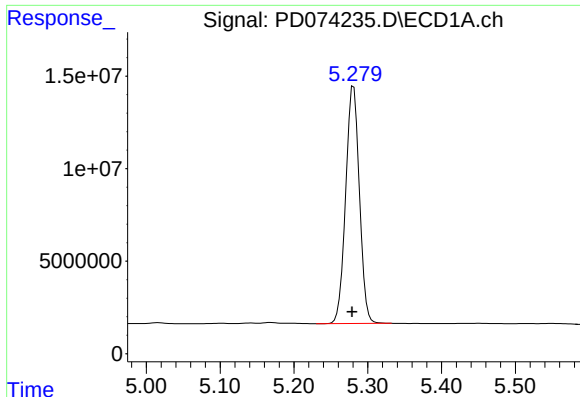
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 171058056
Conc: 49.92 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 75868284
Conc: 44.47 ng/ml



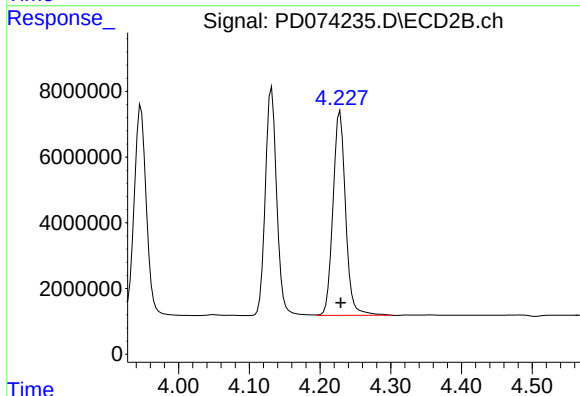
#5 Aldrin

R.T.: 5.281 min
Delta R.T.: 0.002 min
Response: 165745186
Conc: 49.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

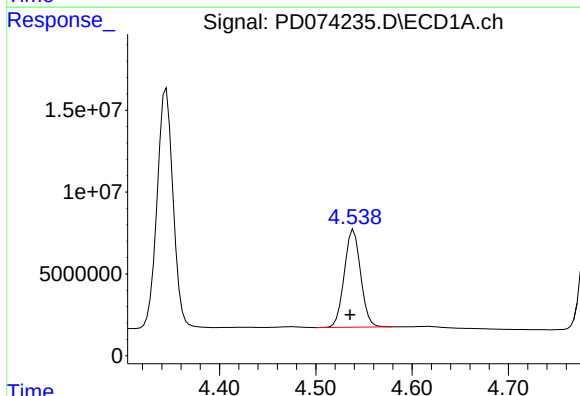
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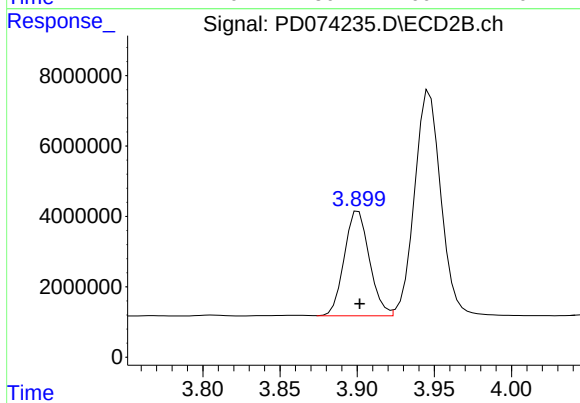
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 77023261
Conc: 45.65 ng/ml



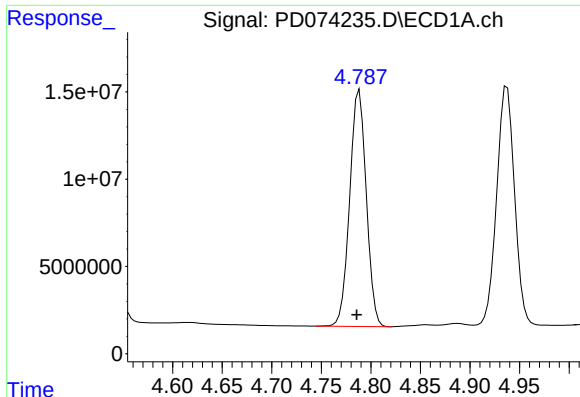
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.004 min
Response: 69984478
Conc: 47.35 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 33699522
Conc: 44.63 ng/ml



#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.003 min
Response: 158117509
Conc: 57.62 ng/ml

Instrument :

ECD_D

ClientSampleId :

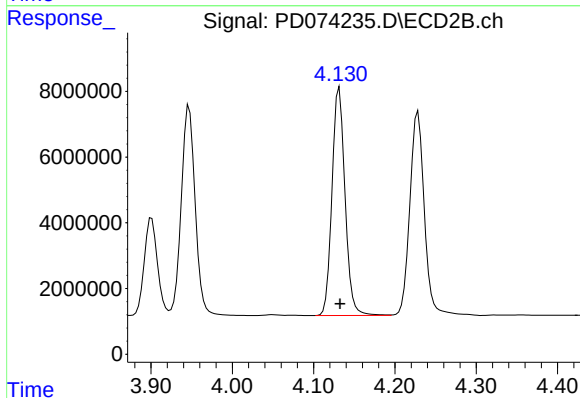
PSTDCCC050

Manual Integrations

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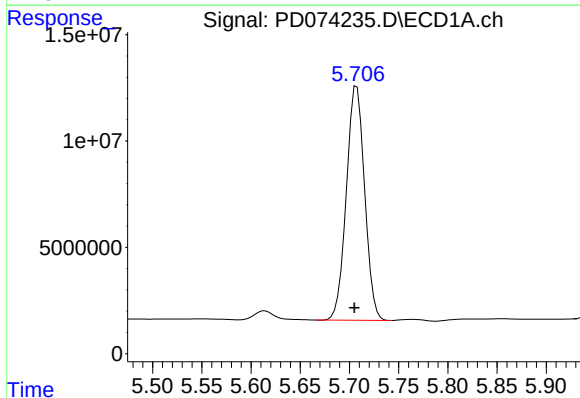
Reviewed By :Abdul Mirza 03/16/2023

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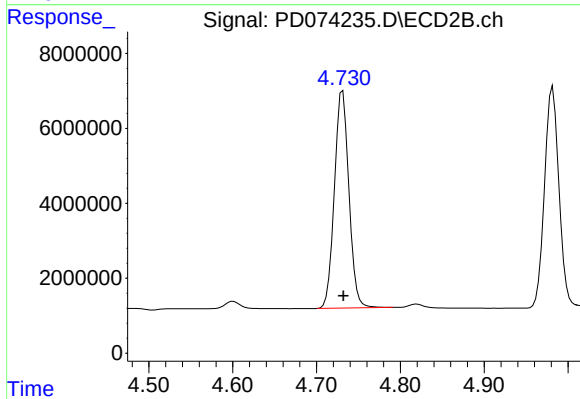
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 77640314
Conc: 45.61 ng/ml



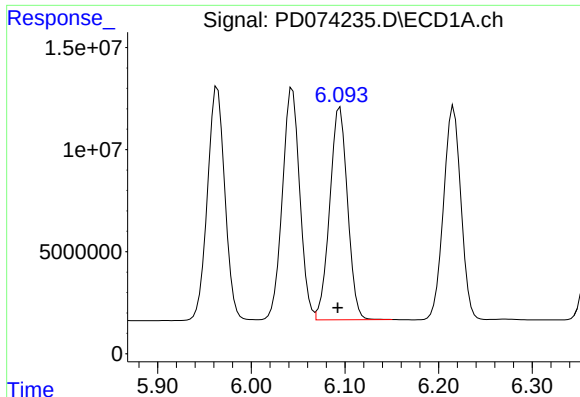
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: 0.002 min
Response: 142396062
Conc: 50.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 69728464
Conc: 45.42 ng/ml



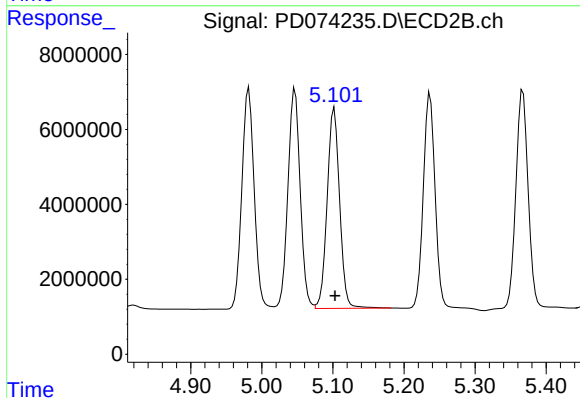
#9 Endosulfan I

R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 137708997
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

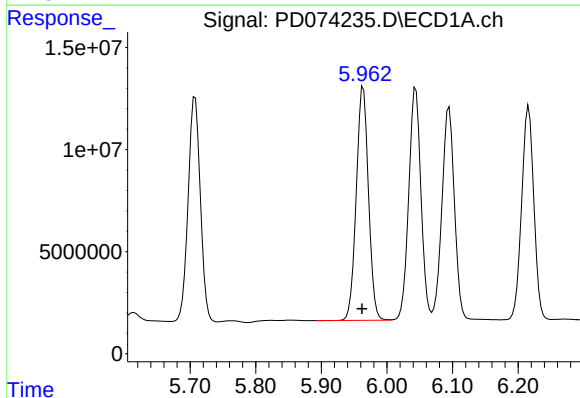
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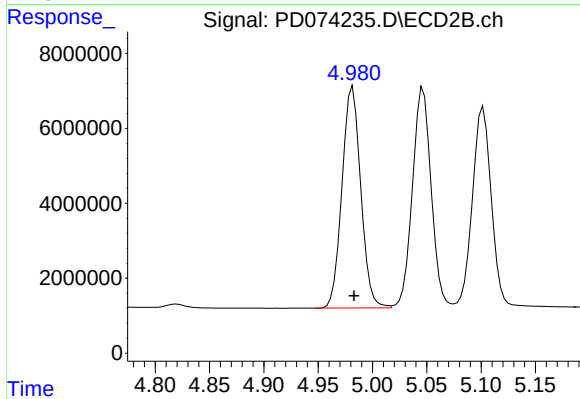
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 65254994
Conc: 45.34 ng/ml



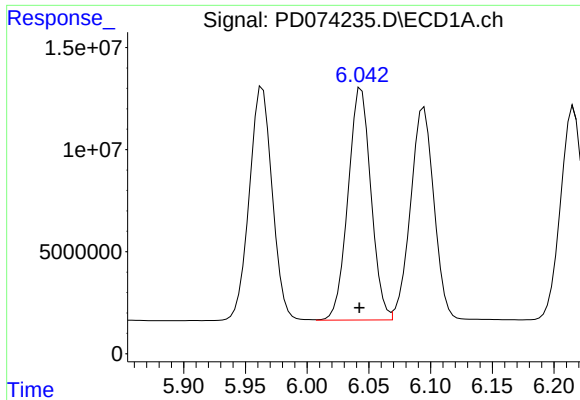
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 148002477
Conc: 49.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.001 min
Response: 70998384
Conc: 45.73 ng/ml



#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 146938015
Conc: 48.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

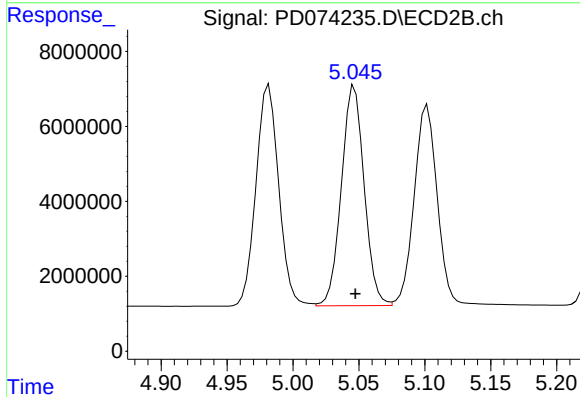
PSTDCCC050

Manual Integrations

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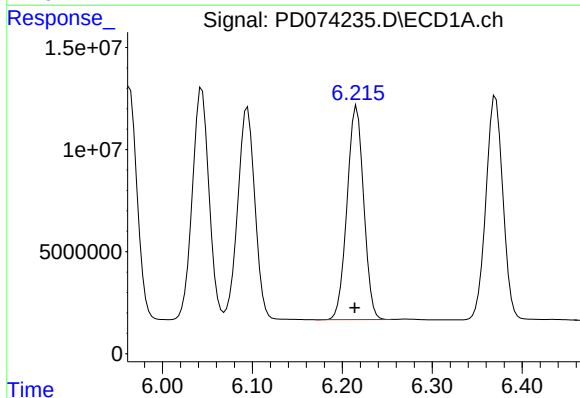
Reviewed By :Abdul Mirza 03/16/2023

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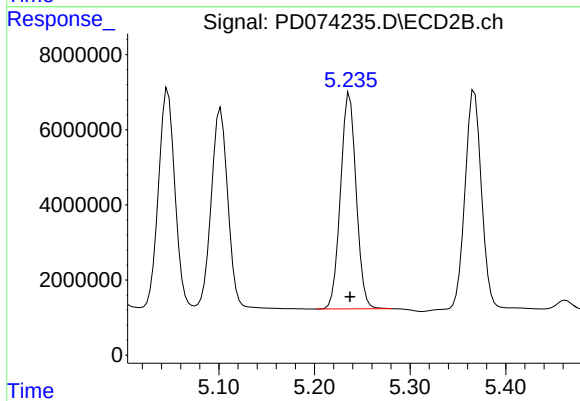
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 70522250
Conc: 45.79 ng/ml



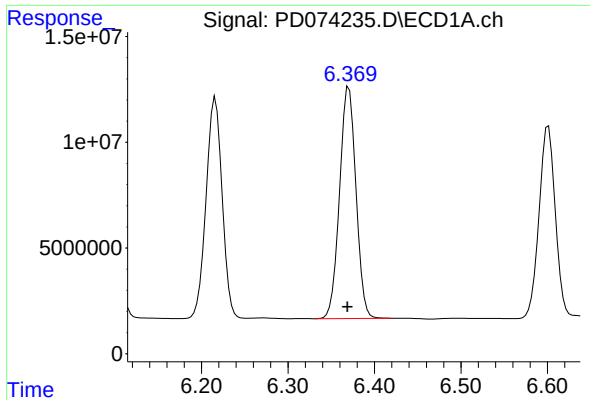
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 134570322
Conc: 48.81 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 65425499
Conc: 46.36 ng/ml



#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.002 min
Response: 143582845
Conc: 48.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

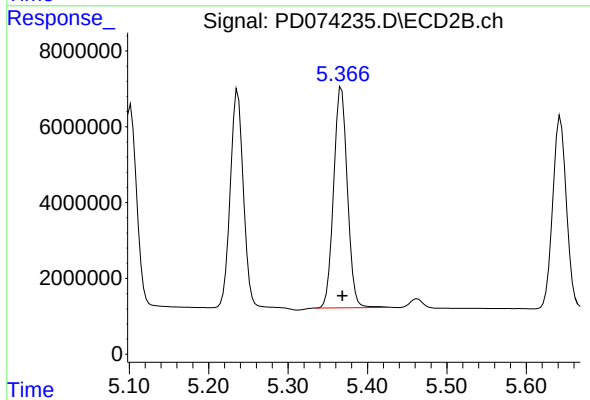
PSTDCCC050

Manual Integrations

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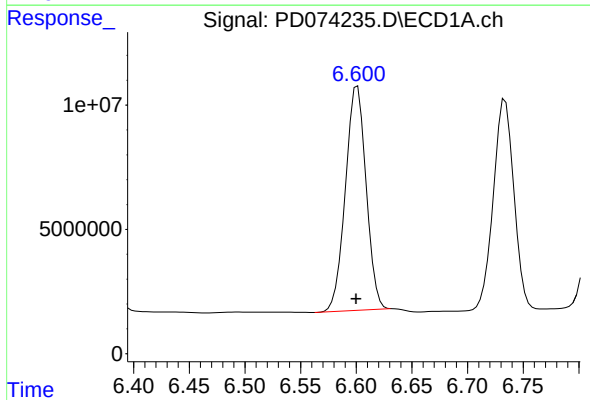
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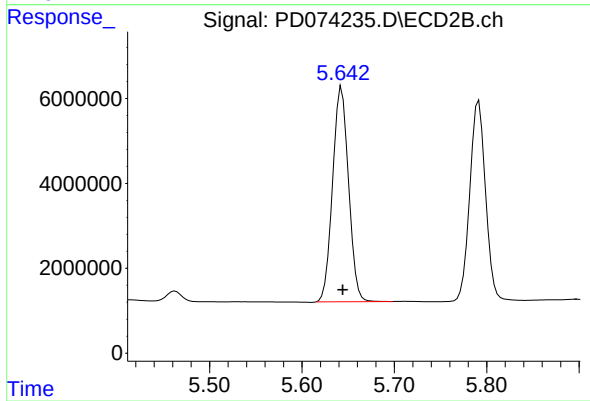
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 69987560
Conc: 46.54 ng/ml



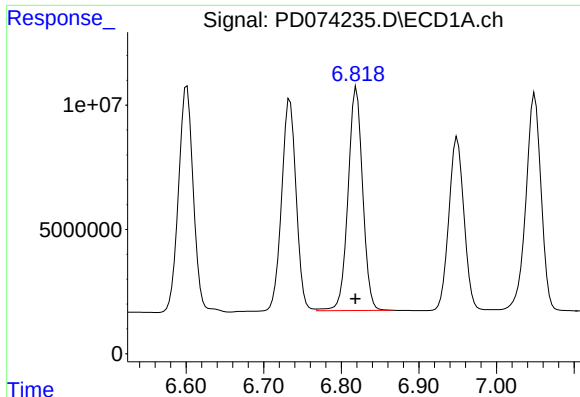
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 116890327
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 60683296
Conc: 46.43 ng/ml



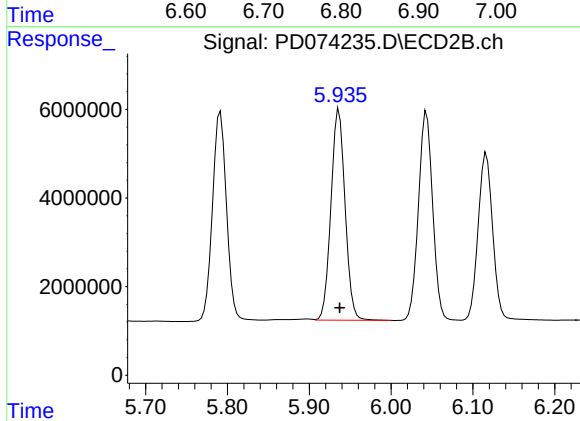
#15 Endosulfan II

R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 117654100
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

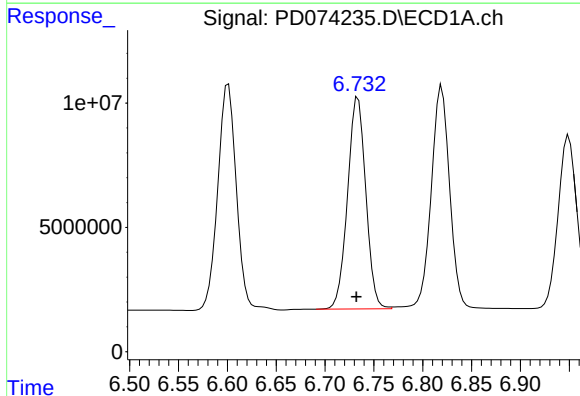
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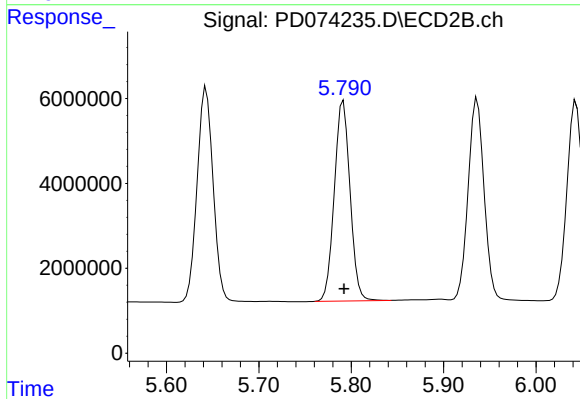
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 57346547
Conc: 45.58 ng/ml



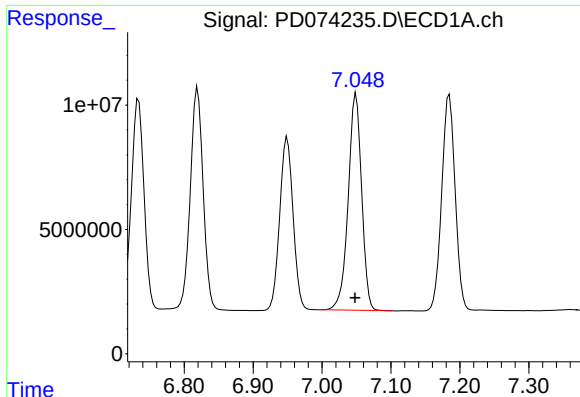
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 110890745
Conc: 49.43 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 55801399
Conc: 47.80 ng/ml



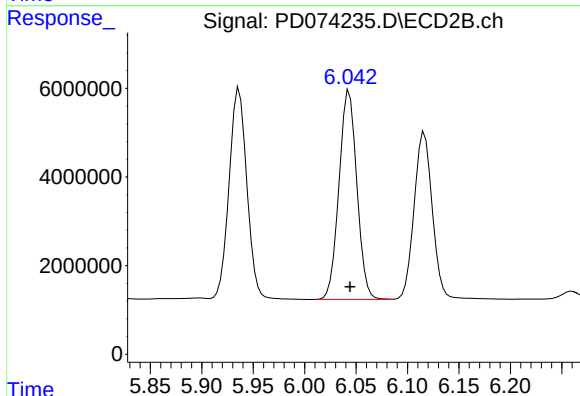
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.002 min
Response: 117993483
Conc: 46.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

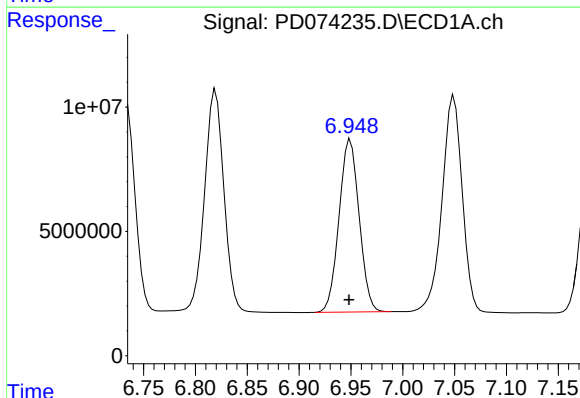
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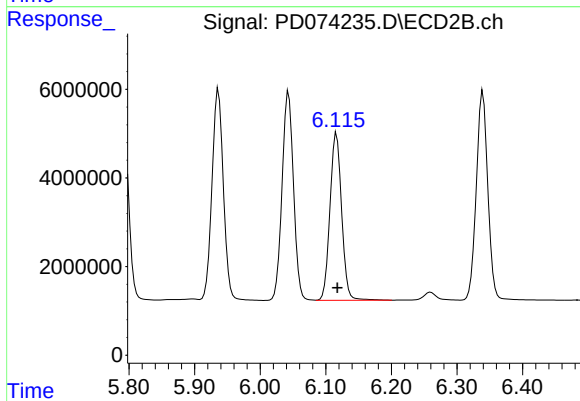
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 56996294
Conc: 46.41 ng/ml



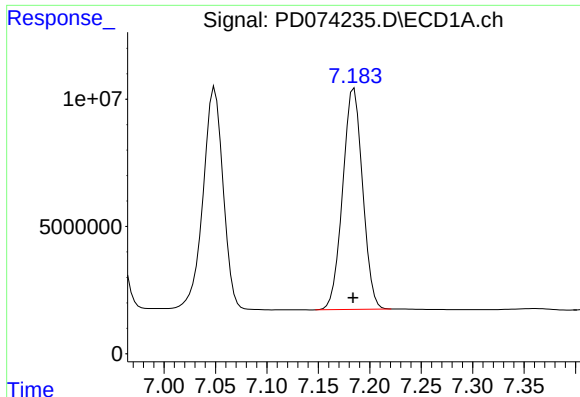
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 93680425
Conc: 46.86 ng/ml m



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 46636316
Conc: 45.92 ng/ml



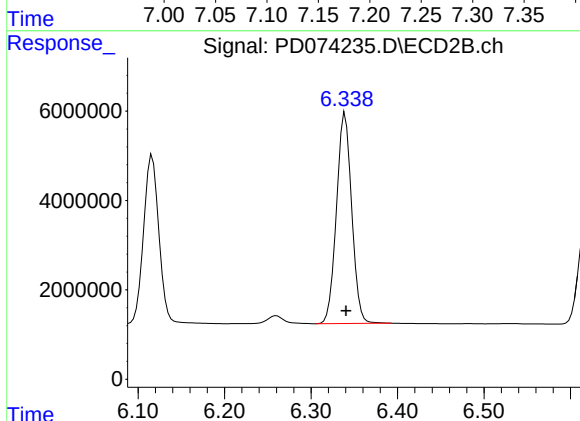
#19 Endosulfan Sulfate

R.T.: 7.185 min
Delta R.T.: 0.001 min
Response: 117225305
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

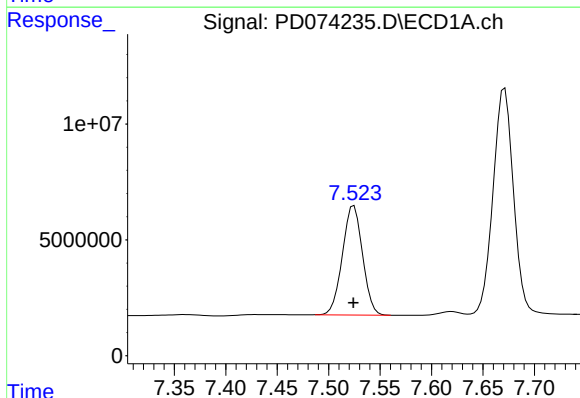
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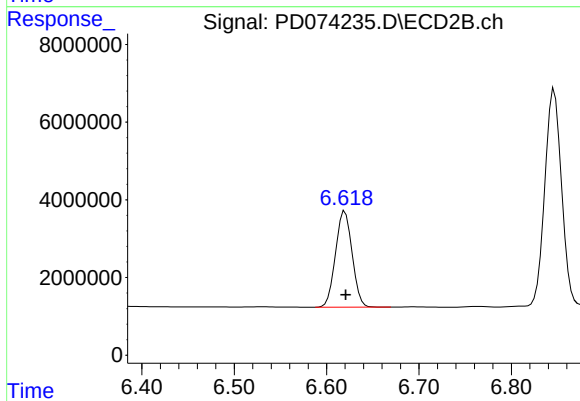
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 57246990
Conc: 46.89 ng/ml



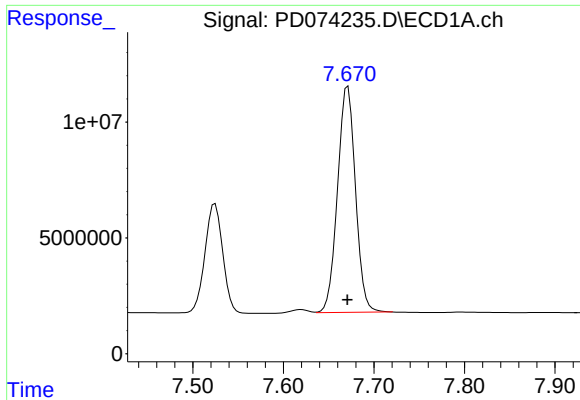
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 64153789
Conc: 45.85 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 30914197
Conc: 45.69 ng/ml



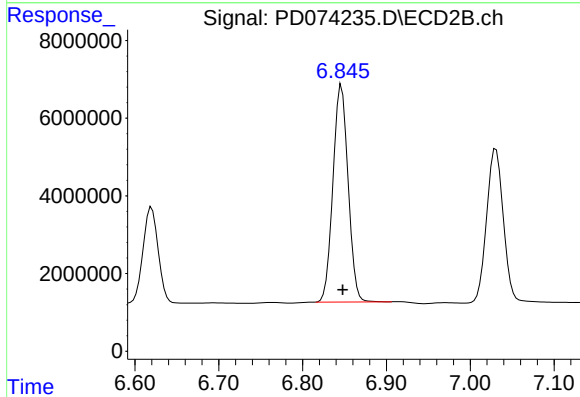
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 134434666
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

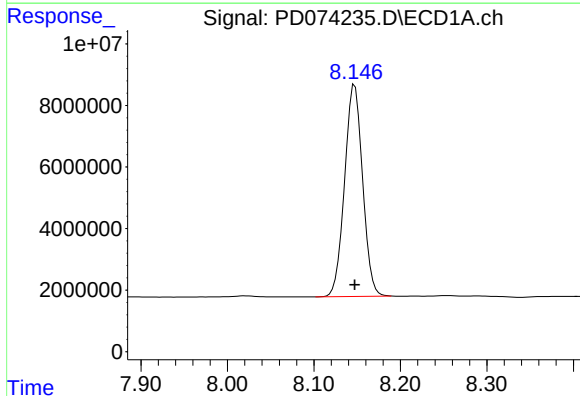
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Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



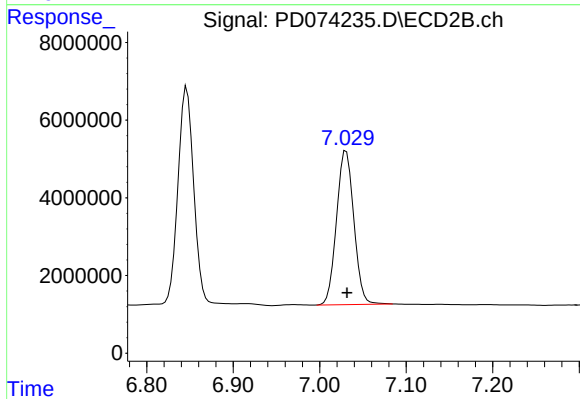
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 70169479
Conc: 47.57 ng/ml



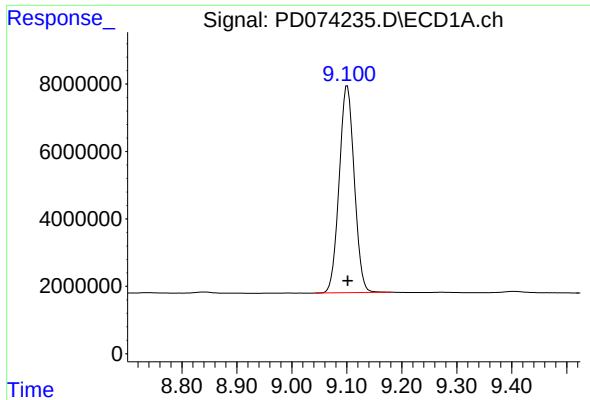
#22 Mirex

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 99121185
Conc: 46.68 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 54825959
Conc: 48.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: 0.000 min
Response: 117207222
Conc: 43.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

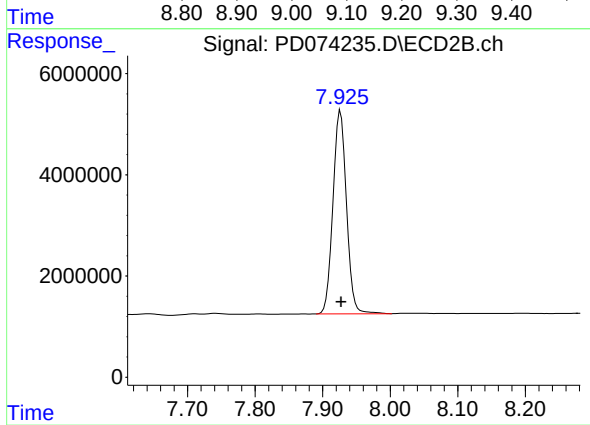
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/16/2023

Supervised By :Ankita Jodhani 03/16/2023



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 56175860
Conc: 45.79 ng/ml