

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042223\
 Data File : PD074872.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 09:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2023
 Supervised By : Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 16:42:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 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...	3.549	2.769	128.3E6	67245666	53.782	51.587
28)	SA Decachlor...	9.092	7.920	135.5E6	57349102	44.622	42.995
Target Compounds							
2)	A alpha-BHC	4.005	3.272	229.0E6	103.1E6	55.050	52.806
3)	MA gamma-BHC...	4.339	3.602	207.8E6	94627761	53.543	52.141
4)	MA Heptachlor	4.931	3.944	200.6E6	90065126	51.297	48.694
5)	MB Aldrin	5.275	4.225	208.7E6	94622126	54.302	51.182
6)	B beta-BHC	4.534	3.898	85175641	40922565	50.774	50.384
7)	B delta-BHC	4.783	4.129	205.7E6	95859168	64.517	50.983
8)	B Heptachlo...	5.702	4.727	184.5E6	85060761	57.087	50.160
9)	A Endosulfan I	6.089	5.098	173.6E6	77051145	53.214	48.047
10)	B gamma-Chl...	5.958	4.978	191.9E6	87246835	55.337	50.387
11)	B alpha-Chl...	6.038	5.043	186.2E6	85240070	53.614	49.756
12)	B 4,4'-DDE	6.210	5.232	170.6E6	80028863	53.216	51.027
13)	MA Dieldrin	6.364	5.363	180.6E6	84328245	52.943	50.227
14)	MA Endrin	6.594	5.639	144.9E6	72805404	49.878	48.248
15)	B Endosulfa...	6.813	5.932	144.4E6	68162860	50.326	49.571
16)	A 4,4'-DDD	6.728	5.786	145.1E6	70409880	54.744	53.406
17)	MA 4,4'-DDT	7.043	6.039	122.9E6	57008325	42.189	42.210
18)	B Endrin al...	6.942	6.112	115.2E6	54793044	50.168m	49.083
19)	B Endosulfa...	7.179	6.335	143.1E6	67417418	49.557	48.785
20)	A Methoxychlor	7.518	6.614	66260968	32077585	40.689	42.559
21)	B Endrin ke...	7.666	6.842	158.8E6	78609240	48.756	48.103
22)	Mirex	8.141	7.026	116.4E6	60024081	46.863	46.520

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042223\
Data File : PD074872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 09:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

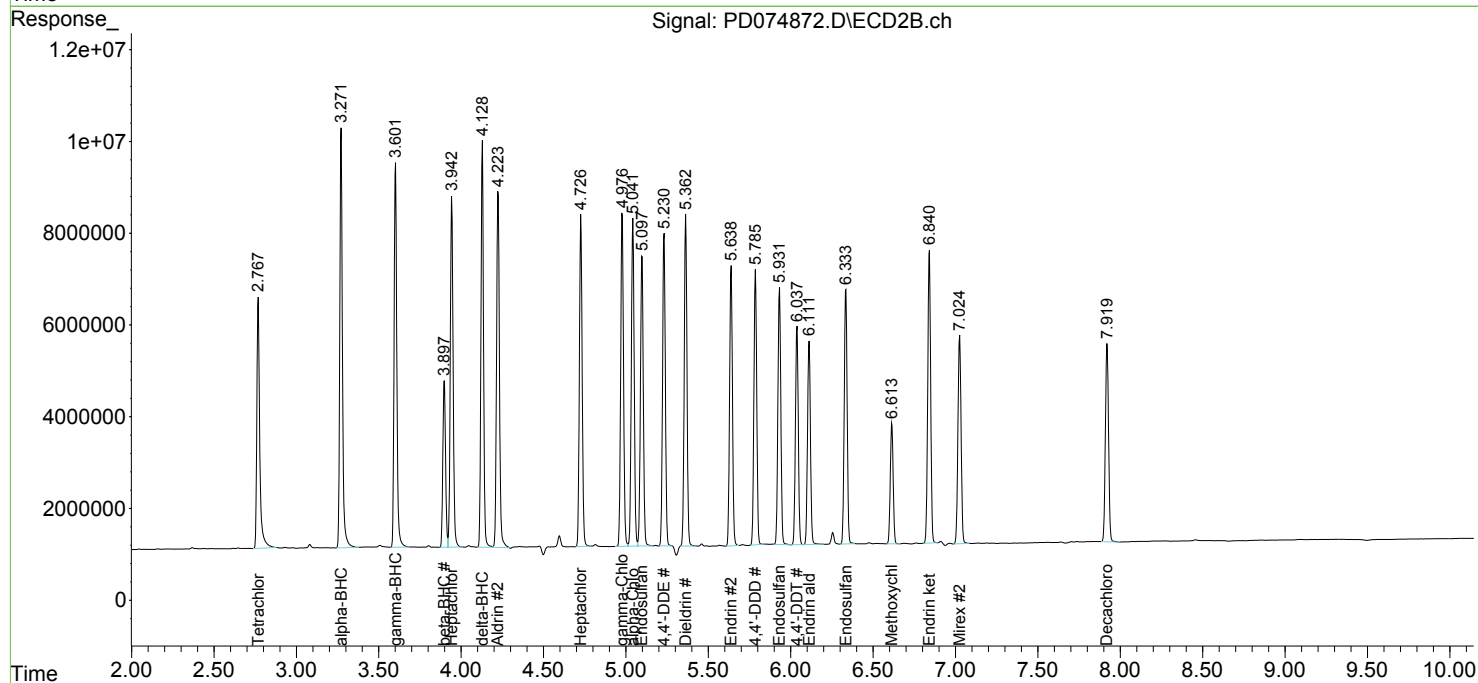
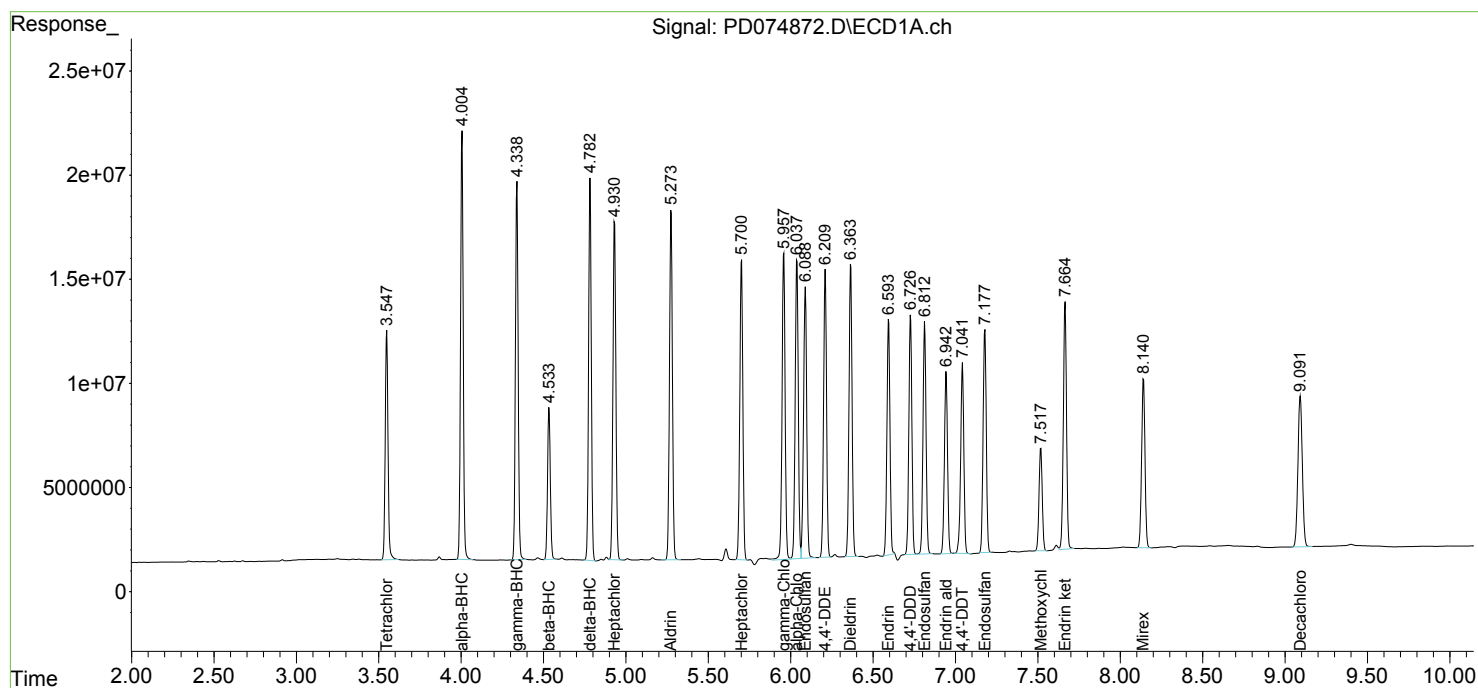
APPROVED

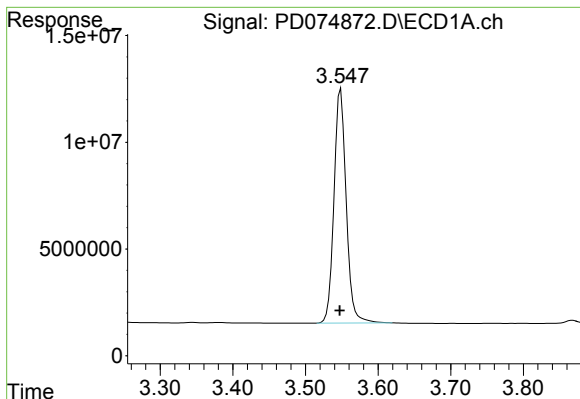
Reviewed By :Abdul Mirza 04/24/2023

Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 16:42:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 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.: 3.549 min
Delta R.T.: 0.002 min
Response: 128282369
Conc: 53.78 ng/ml

Instrument :

ECD_D

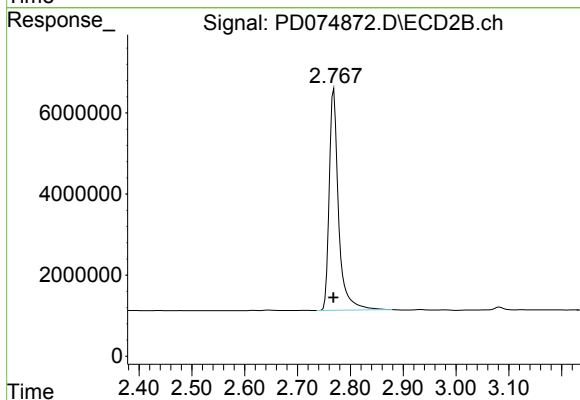
ClientSampleId :

PSTDCCC050

Manual Integrations

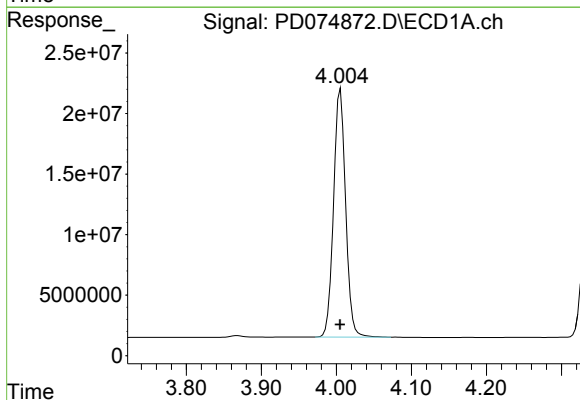
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
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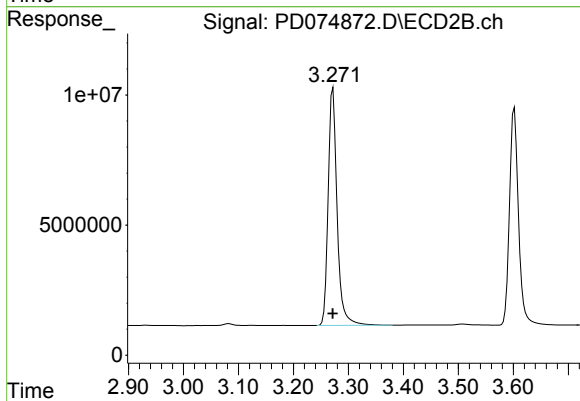
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.000 min
Response: 67245666
Conc: 51.59 ng/ml



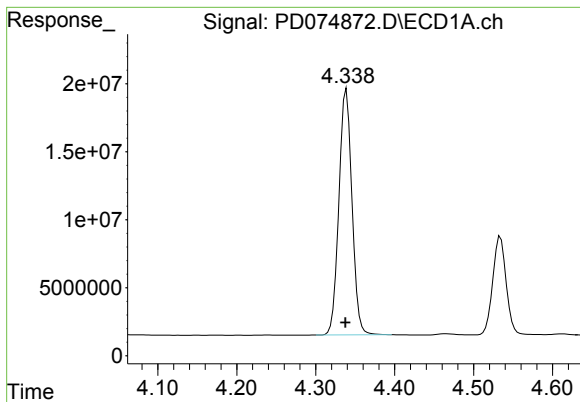
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 228963337
Conc: 55.05 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 103103773
Conc: 52.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 207807425
Conc: 53.54 ng/ml

Instrument :

ECD_D

ClientSampleId :

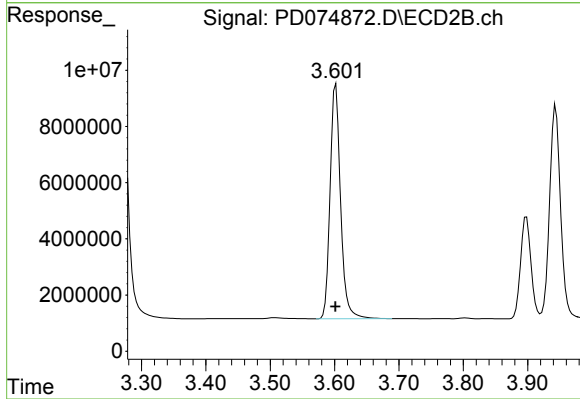
PSTDCCC050

Manual Integrations

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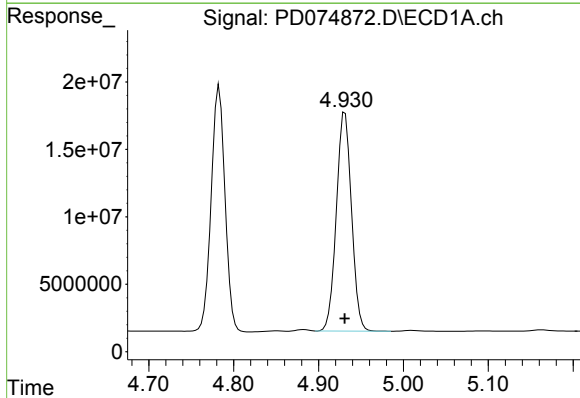
Reviewed By :Abdul Mirza 04/24/2023

Supervised By :Ankita Jodhani 04/24/2023



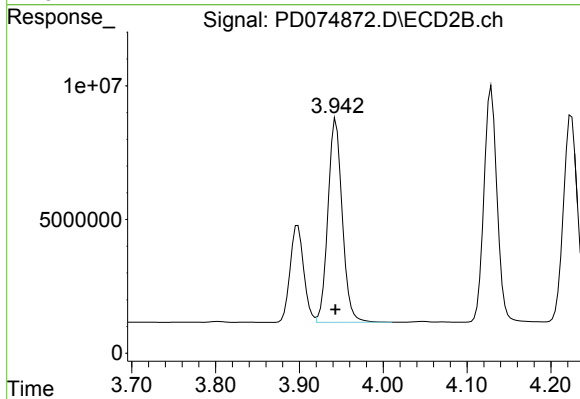
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 94627761
Conc: 52.14 ng/ml



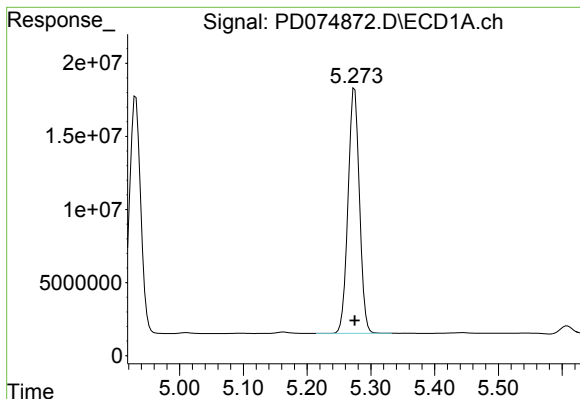
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 200630929
Conc: 51.30 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 90065126
Conc: 48.69 ng/ml



#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 208674419
Conc: 54.30 ng/ml

Instrument :

ECD_D

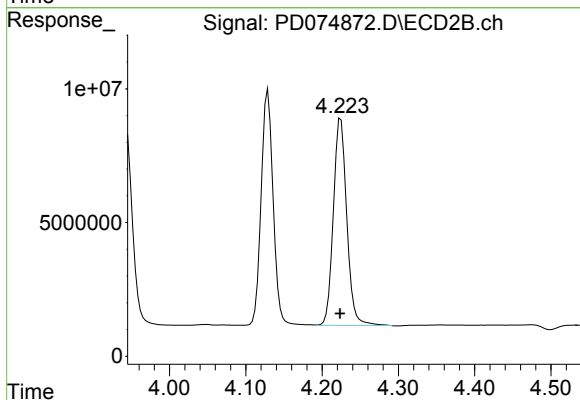
ClientSampleId :

PSTDCCC050

Manual Integrations

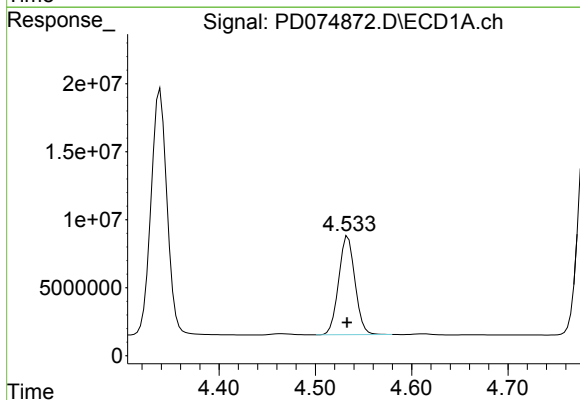
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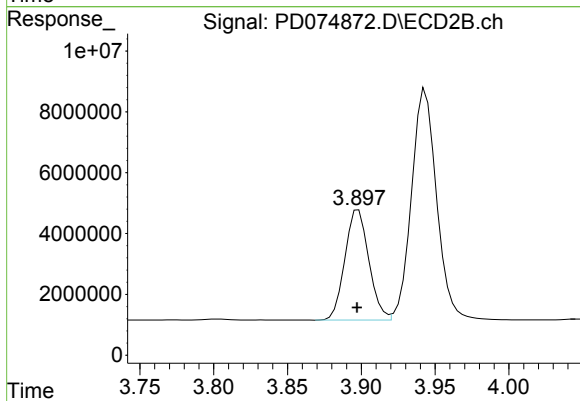
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 94622126
Conc: 51.18 ng/ml



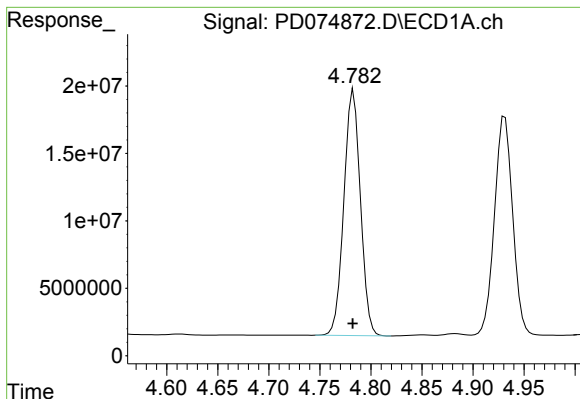
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 85175641
Conc: 50.77 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.001 min
Response: 40922565
Conc: 50.38 ng/ml



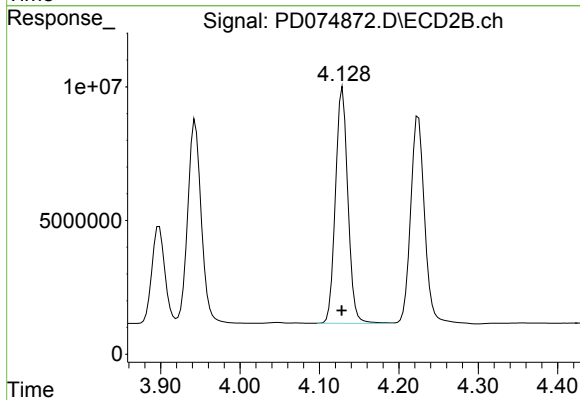
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 205717932
Conc: 64.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

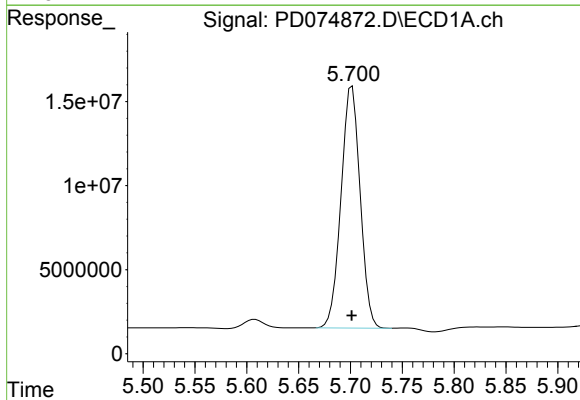
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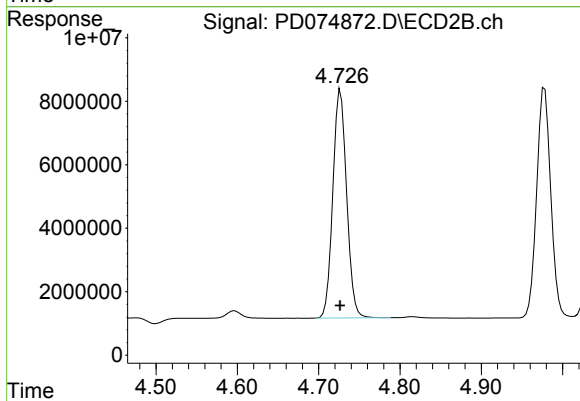
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 95859168
Conc: 50.98 ng/ml



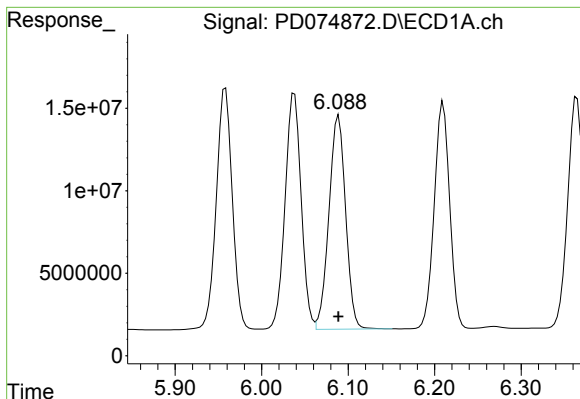
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 184463893
Conc: 57.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 85060761
Conc: 50.16 ng/ml



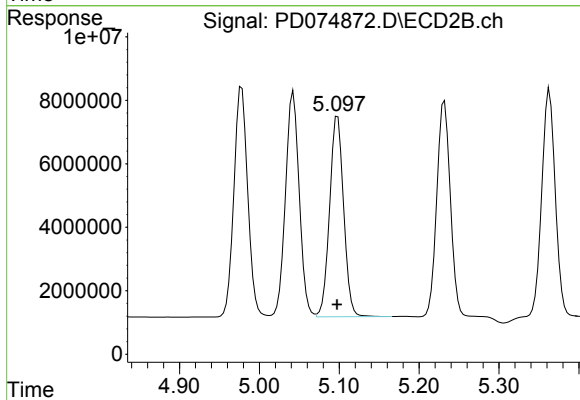
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 173627935
Conc: 53.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

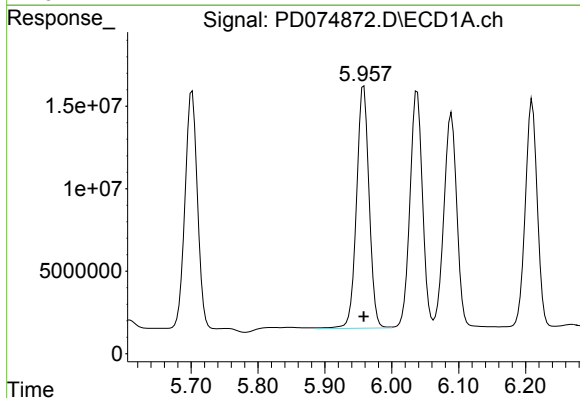
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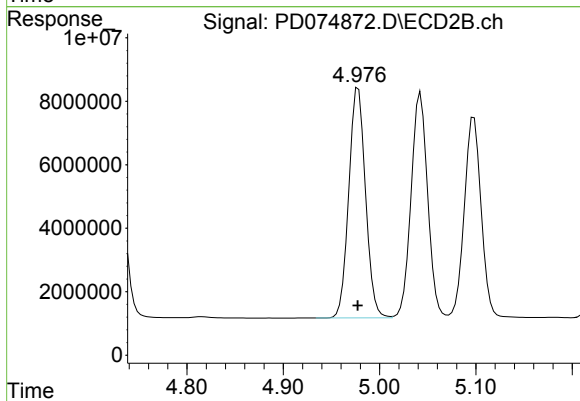
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 77051145
Conc: 48.05 ng/ml



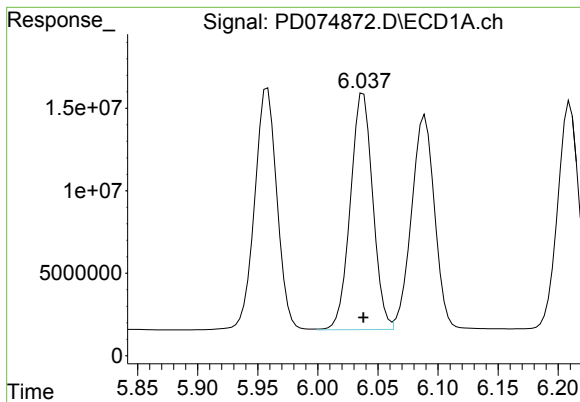
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 191905143
Conc: 55.34 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 87246835
Conc: 50.39 ng/ml



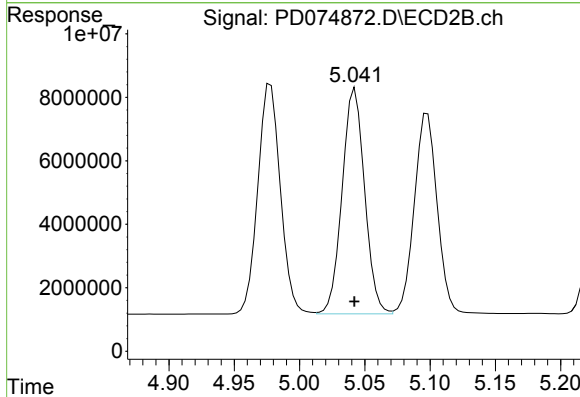
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 186248613
Conc: 53.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

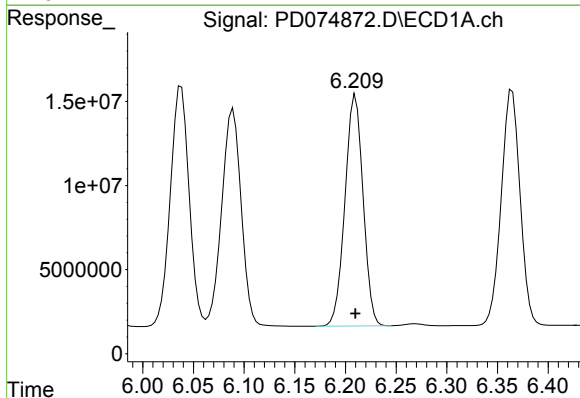
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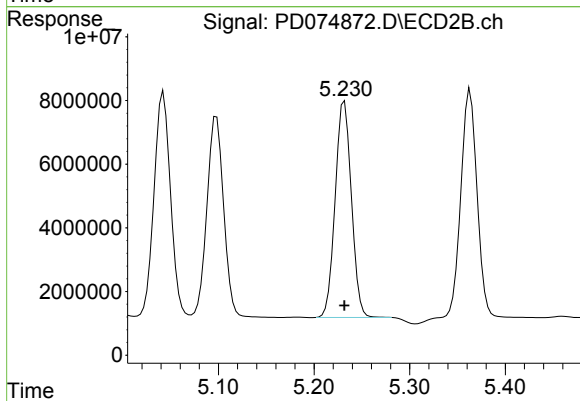
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 85240070
Conc: 49.76 ng/ml



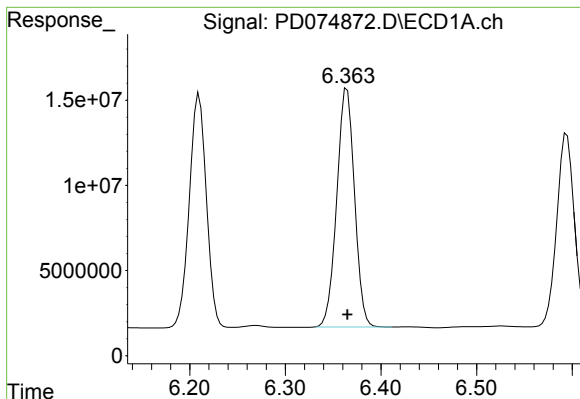
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 170608124
Conc: 53.22 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 80028863
Conc: 51.03 ng/ml



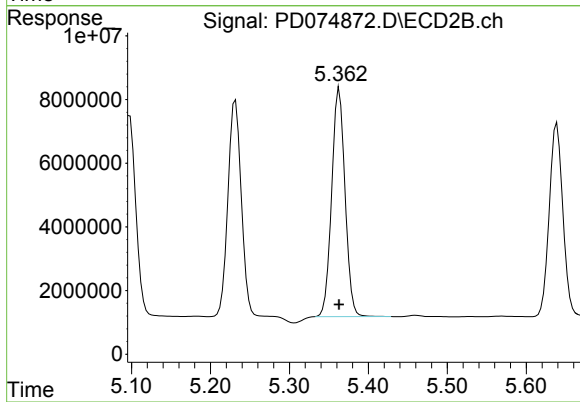
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 180589201
Conc: 52.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

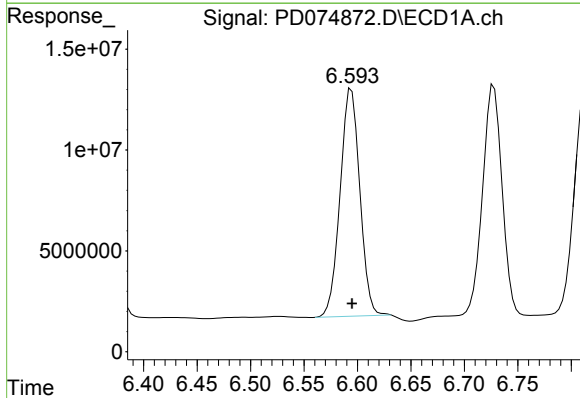
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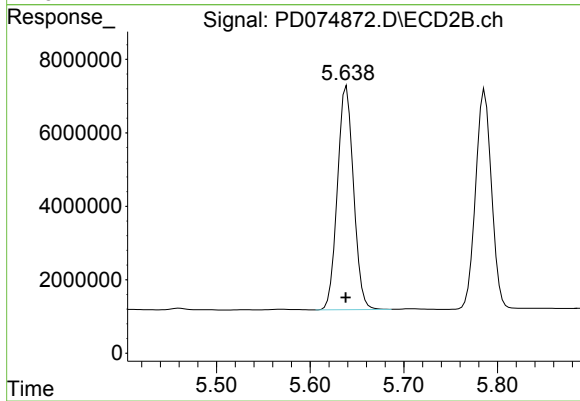
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 84328245
Conc: 50.23 ng/ml



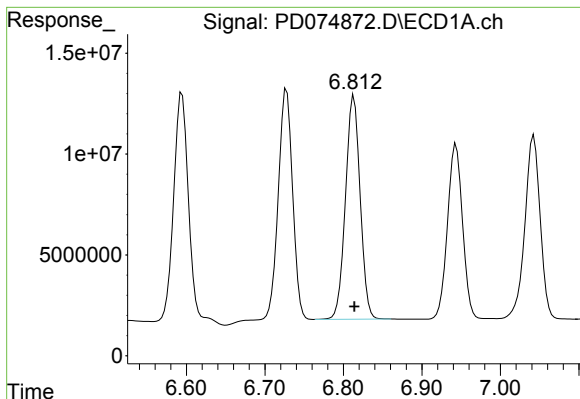
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 144919052
Conc: 49.88 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 72805404
Conc: 48.25 ng/ml



#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 144394355
Conc: 50.33 ng/ml

Instrument :

ECD_D

ClientSampleId :

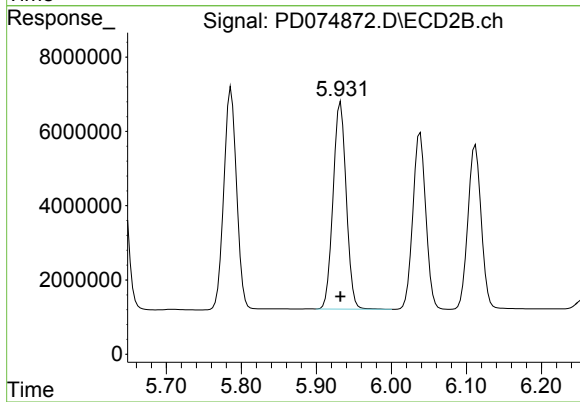
PSTDCCC050

Manual Integrations

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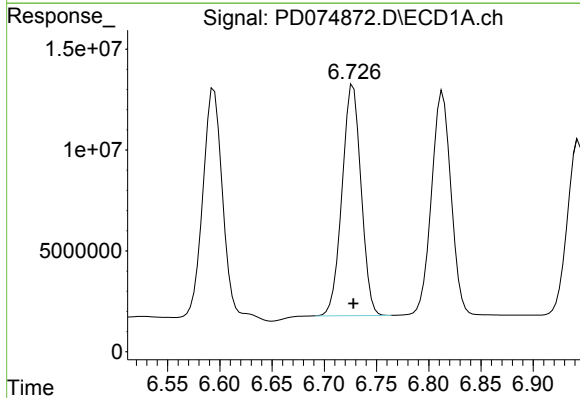
Reviewed By :Abdul Mirza 04/24/2023

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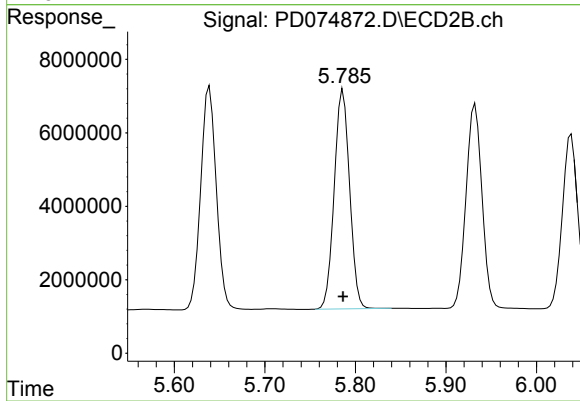
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 68162860
Conc: 49.57 ng/ml



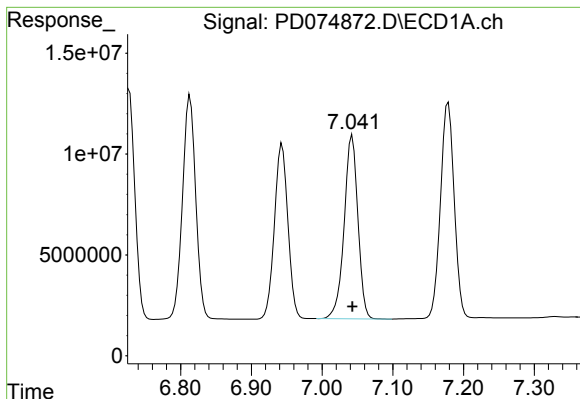
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 145058136
Conc: 54.74 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 70409880
Conc: 53.41 ng/ml



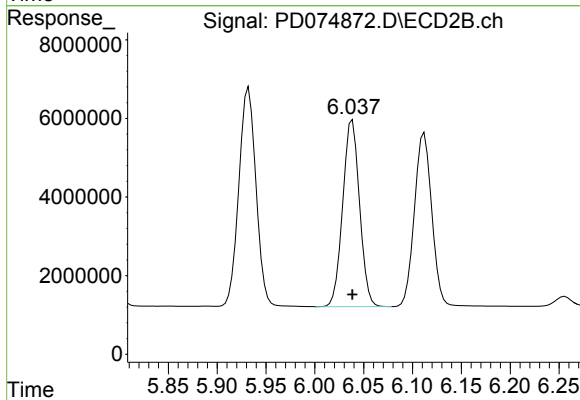
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 122918120
Conc: 42.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

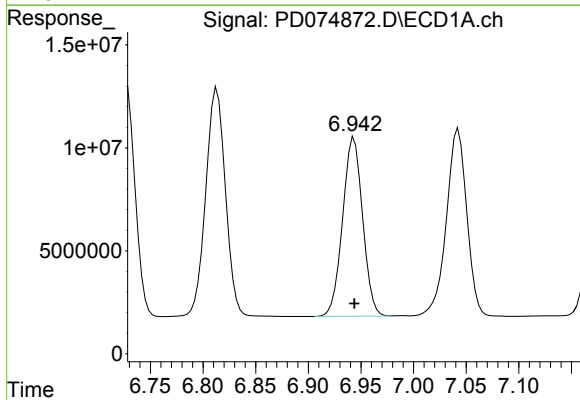
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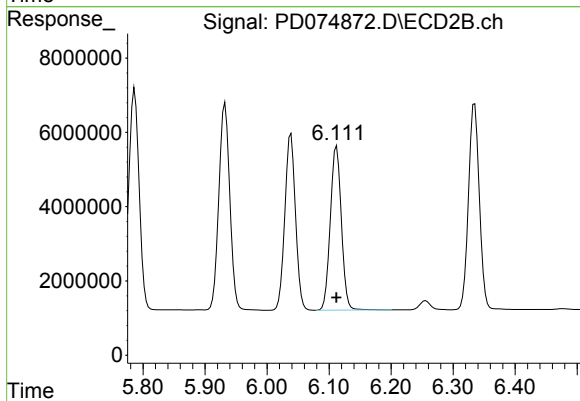
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 57008325
Conc: 42.21 ng/ml



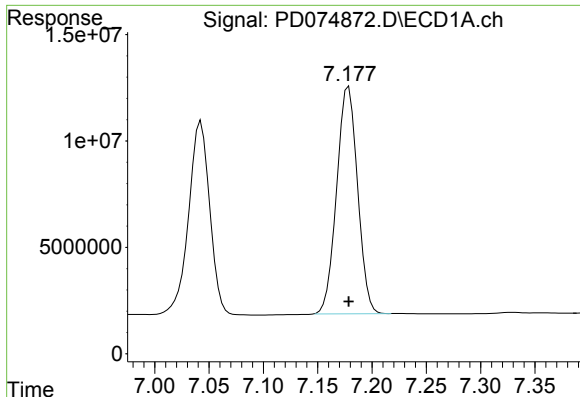
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.002 min
Response: 115200531
Conc: 50.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 54793044
Conc: 49.08 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 143143057
Conc: 49.56 ng/ml

Instrument :

ECD_D

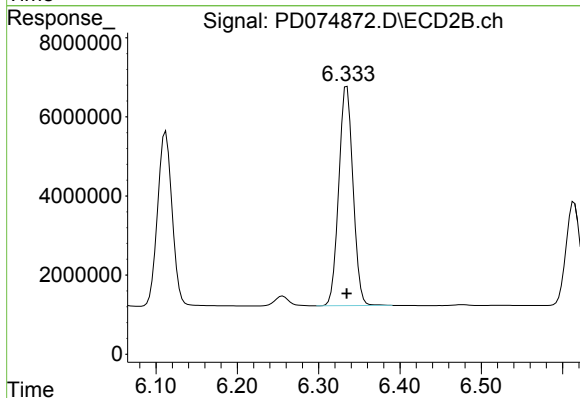
ClientSampleId :

PSTDCCC050

Manual Integrations

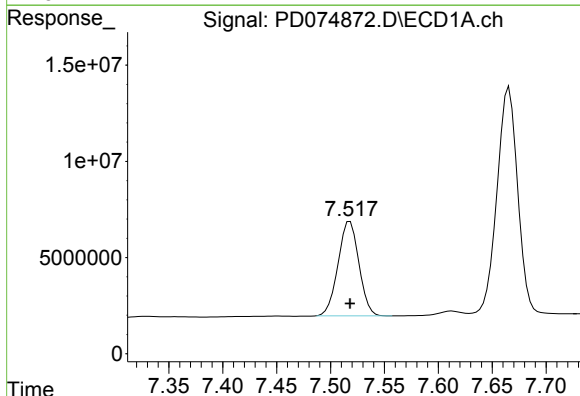
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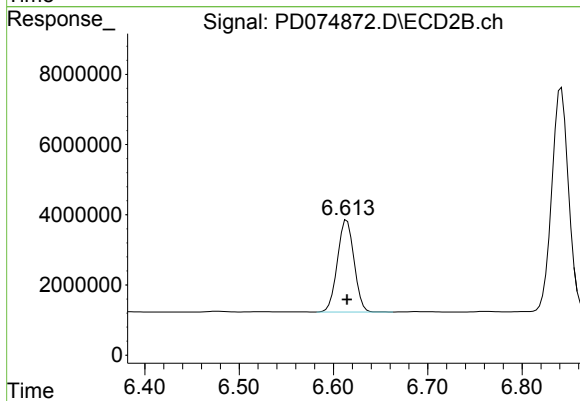
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 67417418
Conc: 48.78 ng/ml



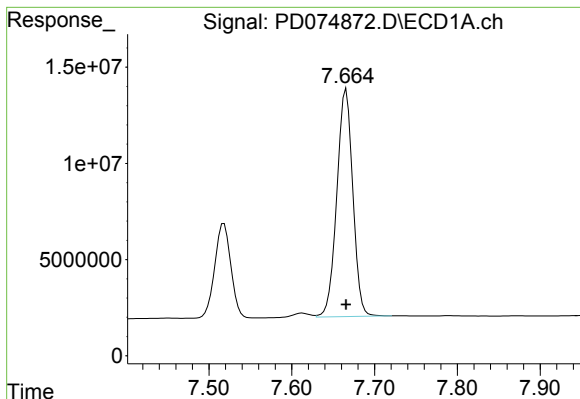
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 66260968
Conc: 40.69 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 32077585
Conc: 42.56 ng/ml



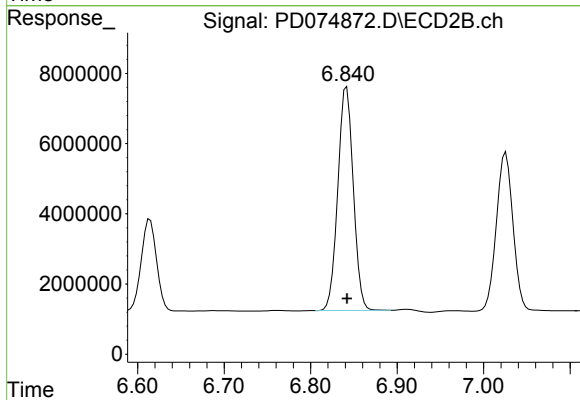
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 158801448
Conc: 48.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

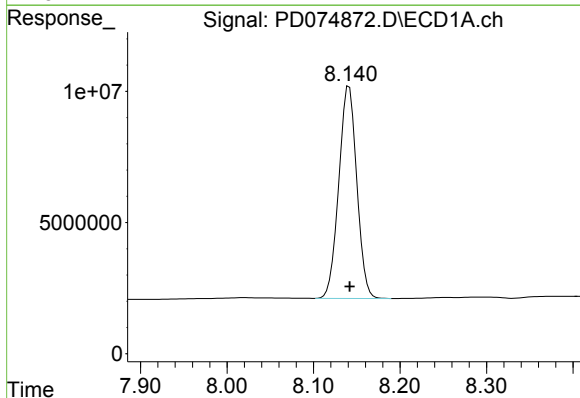
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Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



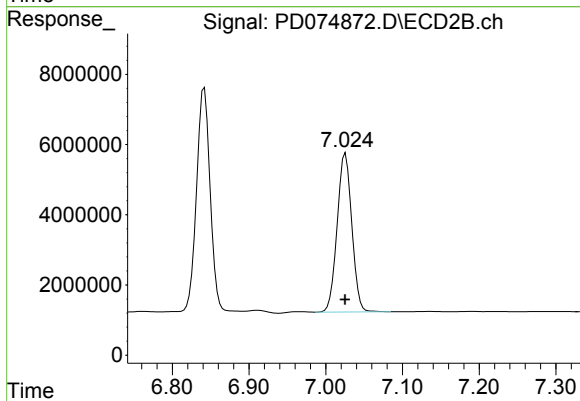
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 78609240
Conc: 48.10 ng/ml



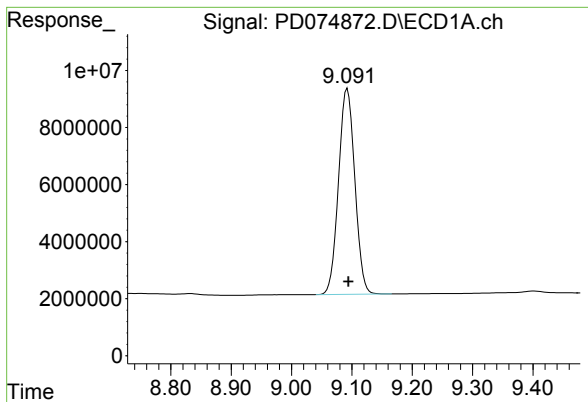
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 116366965
Conc: 46.86 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 60024081
Conc: 46.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 135507673
Conc: 44.62 ng/ml

Instrument :

ECD_D

ClientSampleId :

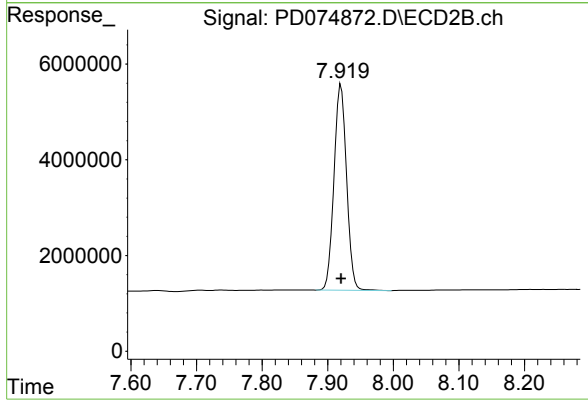
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/24/2023

Supervised By :Ankita Jodhani 04/24/2023



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 57349102
Conc: 43.00 ng/ml