

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032822\
 Data File : PD068810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 16:13
 Operator : AR\AJ
 Sample : N2123-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:50:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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 x 0.2 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...	3.447	4.173	19297917	166.3E6	15.894	17.394
2)	SA Decachlor...	8.206	9.370	25386318	110.0E6	20.094	19.411
Target Compounds							
2)	A alpha-BHC	3.886	4.568	79995727	509.7E6	44.182	37.032m
3)	MA gamma-BHC...	4.169	4.860	73818659	516.4E6	44.209	41.302
4)	MA Heptachlor	4.468	5.386	74256074	472.6E6	45.073	39.767m
5)	MB Aldrin	4.713	5.699	87654708	501.9E6	54.848m	43.726m
6)	B beta-BHC	4.419	5.022	33545535	114.8E6	45.054	20.904 #
7)	B delta-BHC	4.624	5.247	67751098	430.3E6	41.458	35.783m
8)	B Heptachlo...	5.160	6.089	69410814	445.8E6	46.413	42.686
9)	A Endosulfan I	5.499	6.451	25895705	196.5E6	18.507	20.952
10)	B gamma-Chl...	5.385	6.325	68501876	463.7E6	45.158	44.984
11)	B alpha-Chl...	5.444	6.400	68350633	446.9E6	45.730	44.889
12)	B 4,4'-DDE	5.609	6.549	64293862	401.3E6	46.996m	43.308
13)	MA Dieldrin	5.742	6.710	75068124	436.7E6	51.412	44.959
14)	MA Endrin	6.000	6.929	66571670	344.0E6	50.536	44.453
15)	B Endosulfa...	6.273	7.135	22770344	133.5E6	18.270m	17.668
16)	A 4,4'-DDD	6.127	7.041	71560136	333.1E6	60.684	45.106 #
17)	MA 4,4'-DDT	6.368	7.344	51769698	320.9E6	43.071	43.686
18)	B Endrin al...	6.444	7.259	48452900	274.3E6	48.807	45.322
19)	B Endosulfa...	6.657	7.484	62670482	340.8E6	49.006	46.334
20)	A Methoxychlor	6.919	7.797	33226674	188.9E6	47.944	51.815
21)	B Endrin ke...	7.150	7.959	69412438	355.7E6	47.150	45.909
22)	Mirex	7.334	8.425	51550456	244.6E6	43.496	44.619

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032822\
 Data File : PD068810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 16:13
 Operator : AR\AJ
 Sample : N2123-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

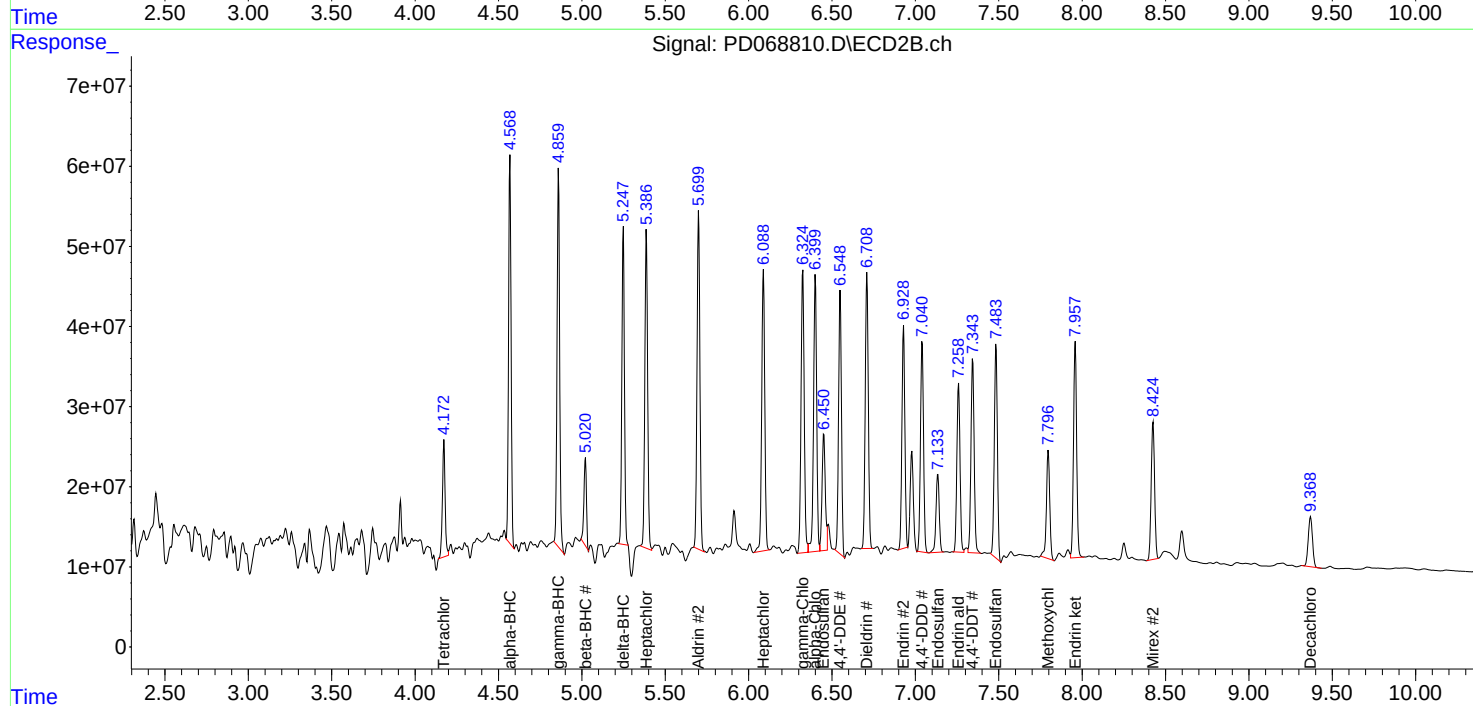
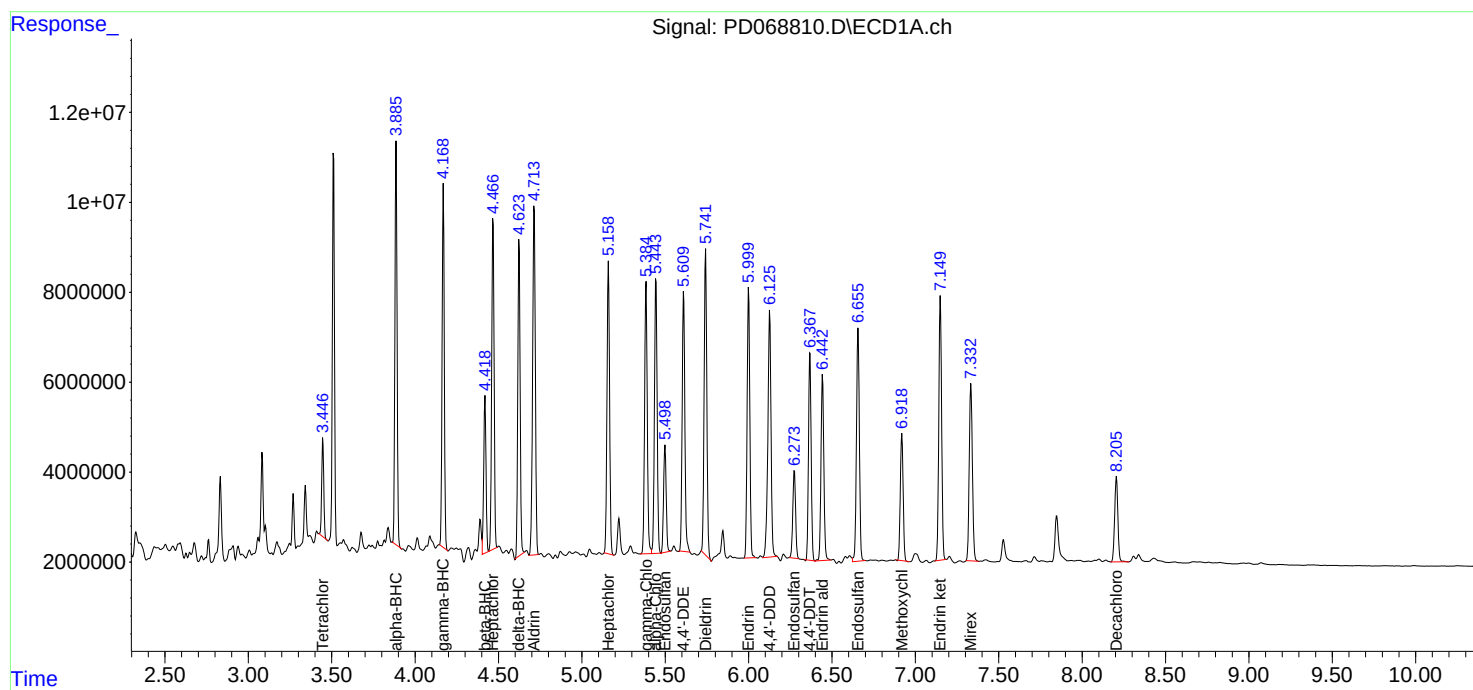
Instrument :
 ECD_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

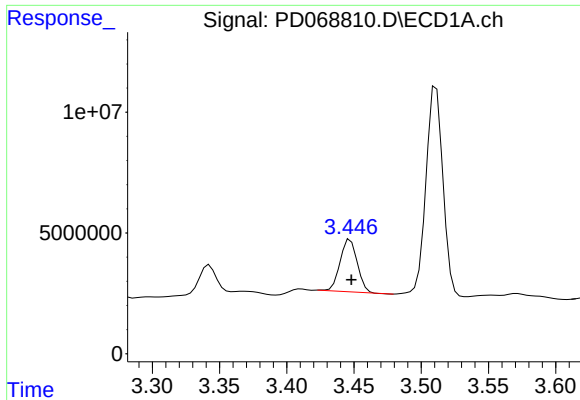
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/29/2022
 Supervised By :mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:50:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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





#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 19297917
Conc: 15.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

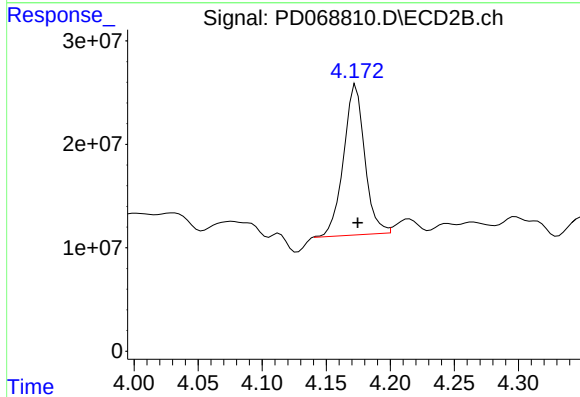
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Manual Integrations

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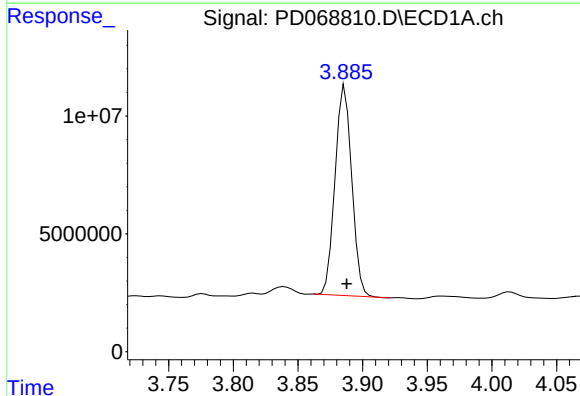
Reviewed By :Abdul Mirza 03/29/2022

Supervised By :mohammad ahmed 03/29/2022



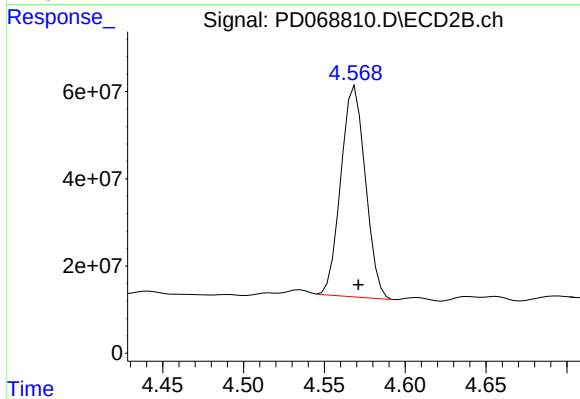
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 166298572
Conc: 17.39 ng/ml



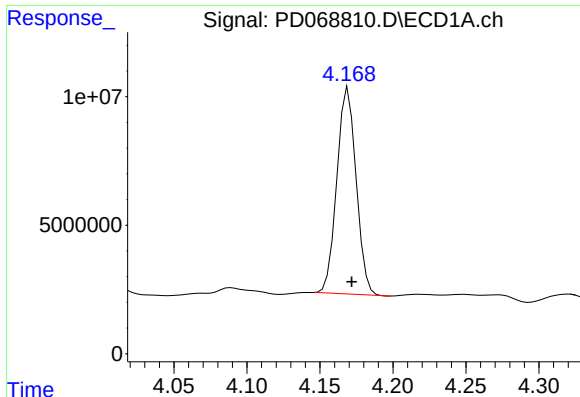
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.001 min
Response: 79995727
Conc: 44.18 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 509666957
Conc: 37.03 ng/ml m



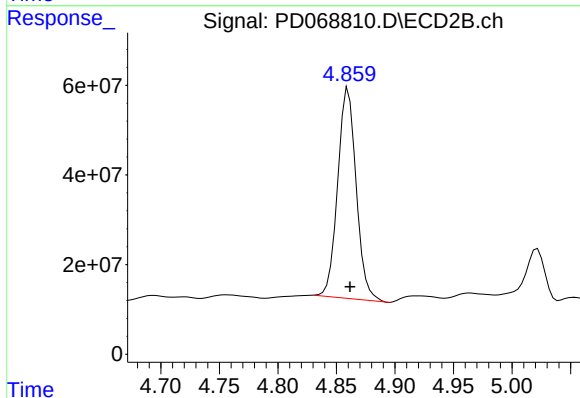
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.002 min
Response: 73818659
Conc: 44.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

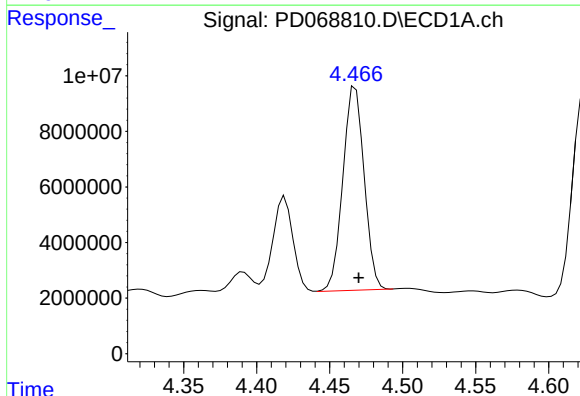
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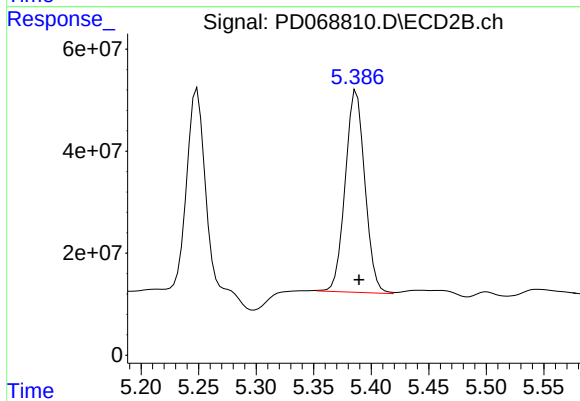
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 516409789
Conc: 41.30 ng/ml



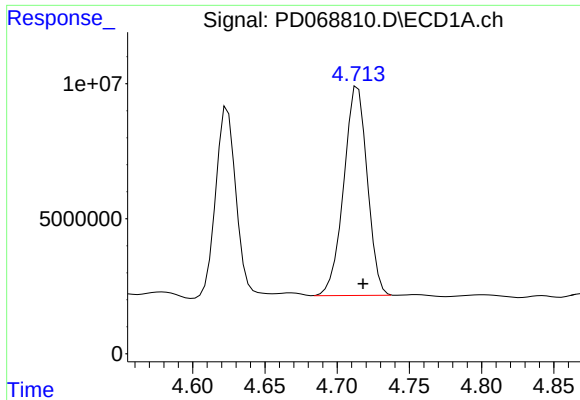
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 74256074
Conc: 45.07 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 472596857
Conc: 39.77 ng/ml m



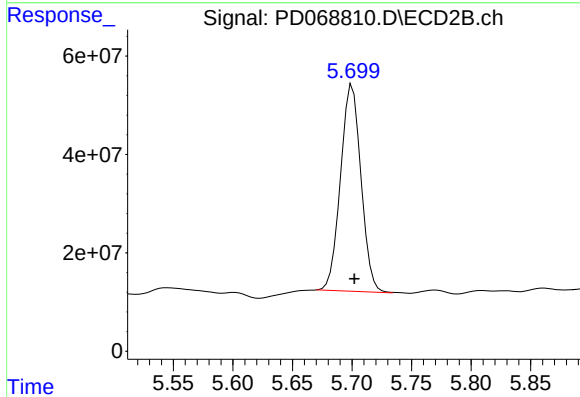
#5 Aldrin

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 87654708
Conc: 54.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

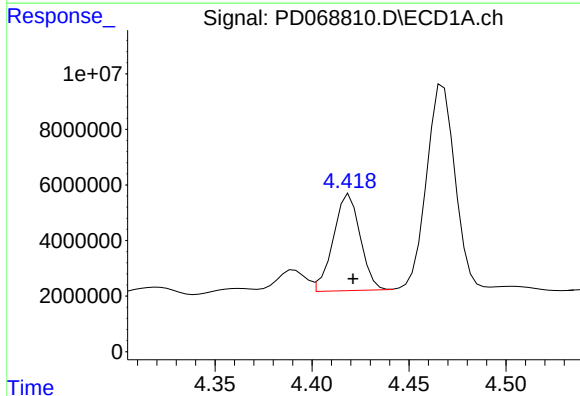
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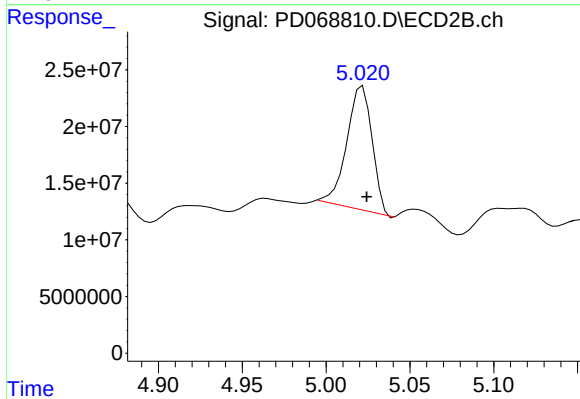
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 501920157
Conc: 43.73 ng/ml m



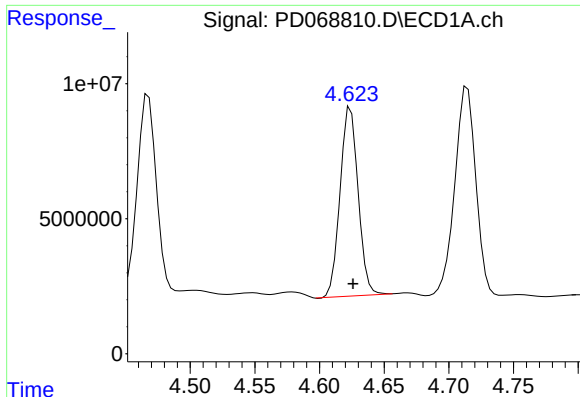
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 33545535
Conc: 45.05 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 114759023
Conc: 20.90 ng/ml



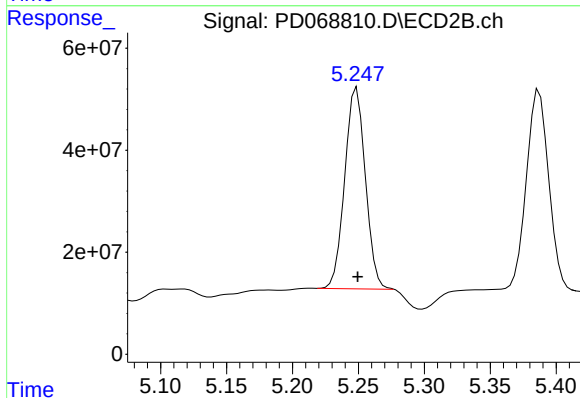
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 67751098
Conc: 41.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

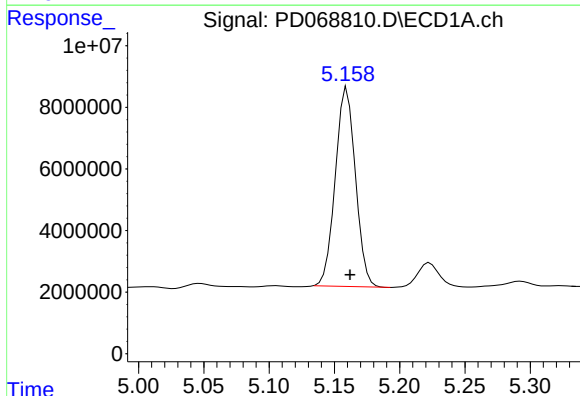
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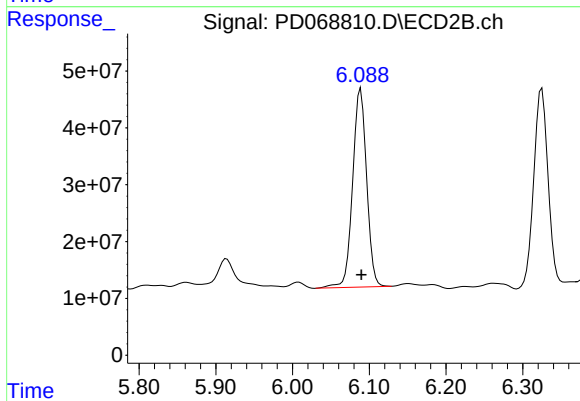
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.002 min
Response: 430318766
Conc: 35.78 ng/ml m



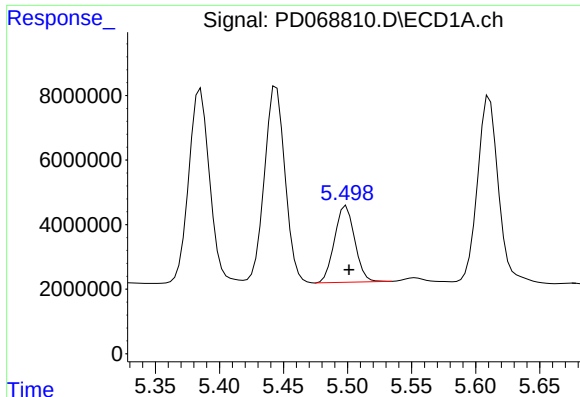
#8 Heptachlor epoxide

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 69410814
Conc: 46.41 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 445756753
Conc: 42.69 ng/ml



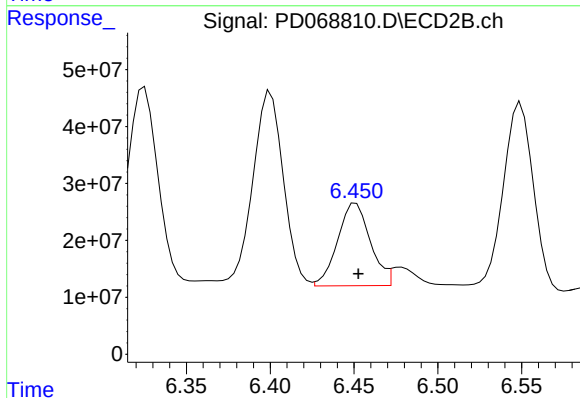
#9 Endosulfan I

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 25895705
Conc: 18.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

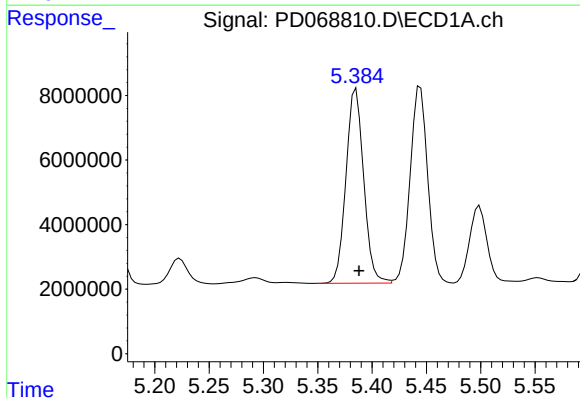
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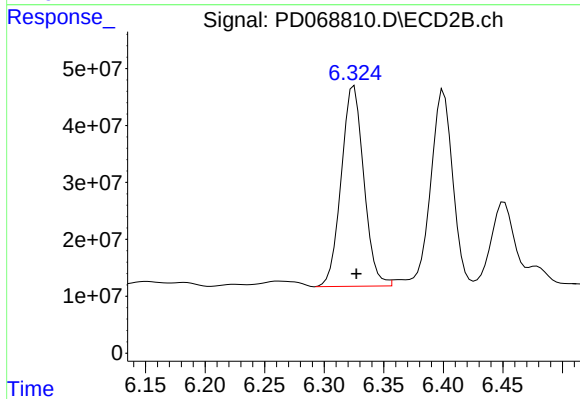
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.001 min
Response: 196489370
Conc: 20.95 ng/ml



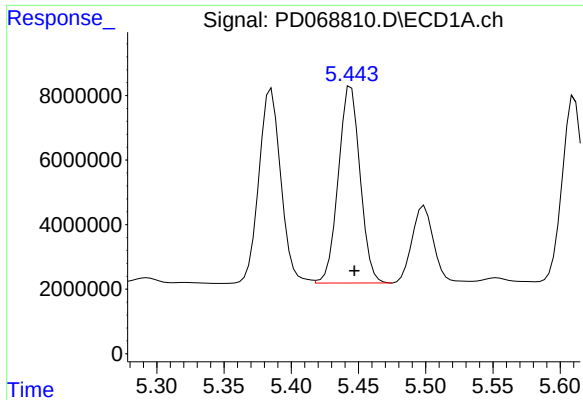
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 68501876
Conc: 45.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 463656268
Conc: 44.98 ng/ml



#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: -0.003 min
Response: 68350633
Conc: 45.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

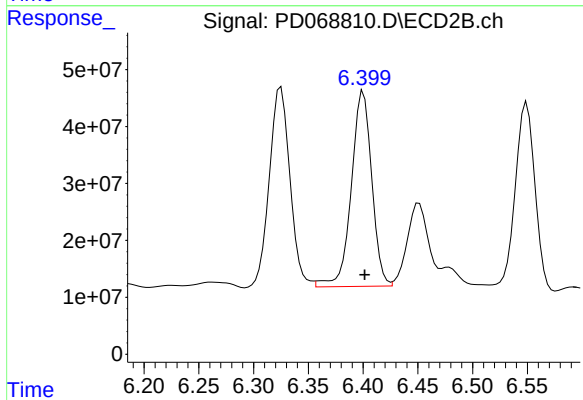
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

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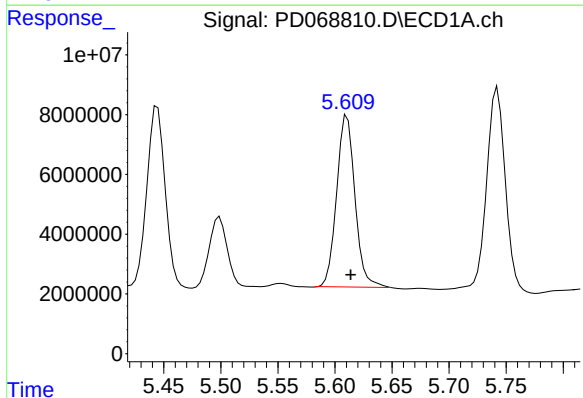
Reviewed By :Abdul Mirza 03/29/2022

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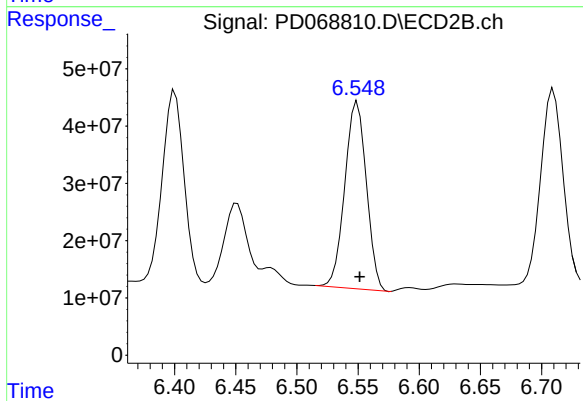
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 446920946
Conc: 44.89 ng/ml



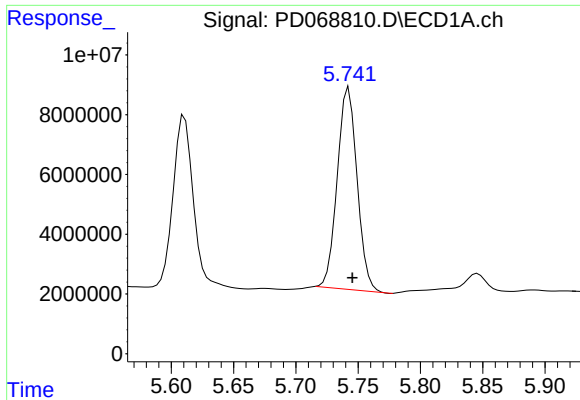
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 64293862
Conc: 47.00 ng/ml m



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 401326470
Conc: 43.31 ng/ml



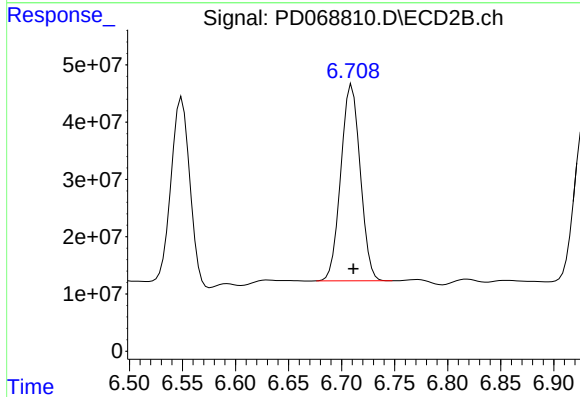
#13 Dieldrin

R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 75068124
Conc: 51.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

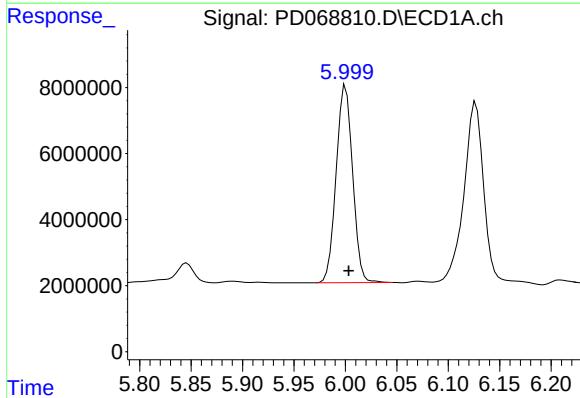
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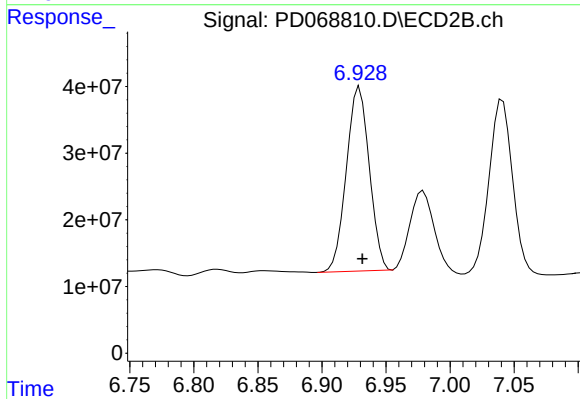
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 436687099
Conc: 44.96 ng/ml



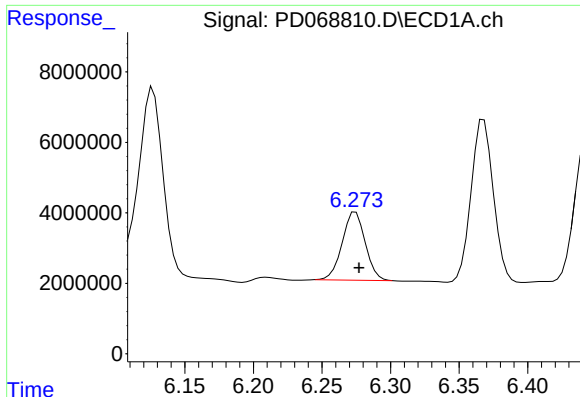
#14 Endrin

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 66571670
Conc: 50.54 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 343958414
Conc: 44.45 ng/ml



#15 Endosulfan II

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 22770344
Conc: 18.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

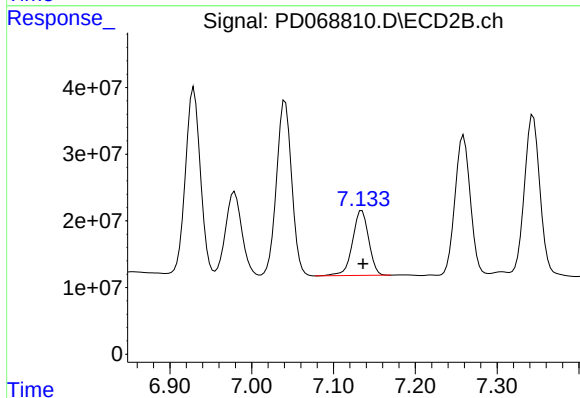
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Manual Integrations

APPROVED

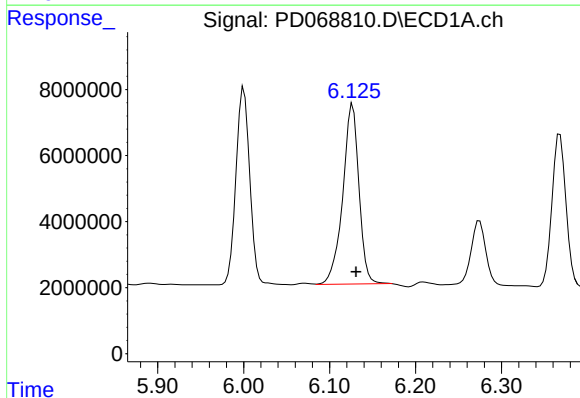
Reviewed By :Abdul Mirza 03/29/2022

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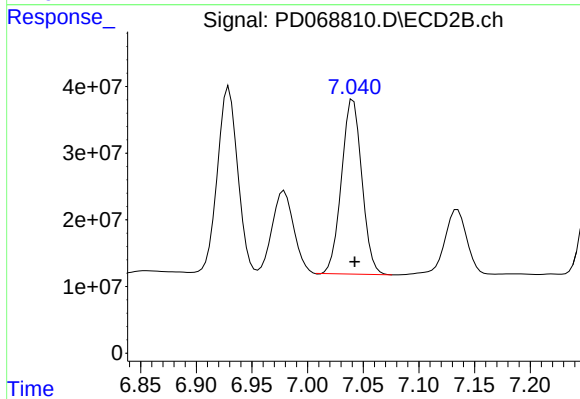
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 133548413
Conc: 17.67 ng/ml



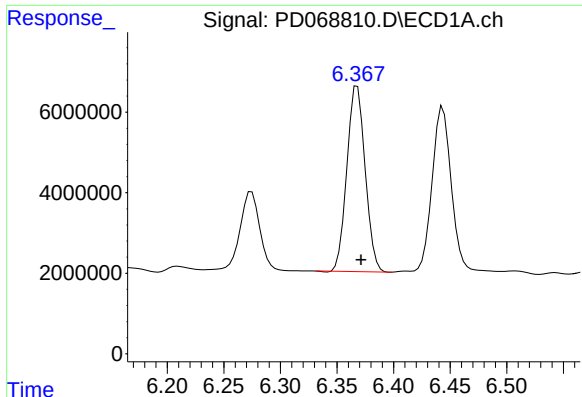
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 71560136
Conc: 60.68 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 333121643
Conc: 45.11 ng/ml



#17 4,4'-DDT

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 51769698
Conc: 43.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

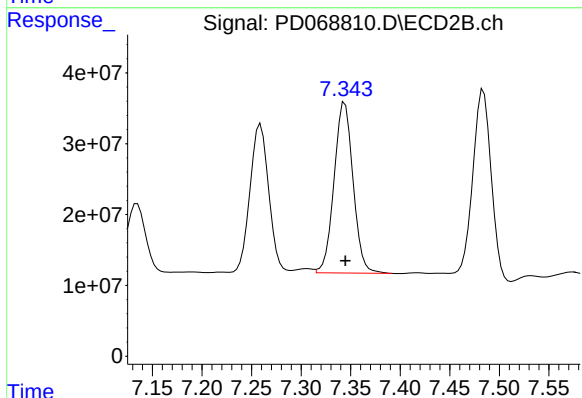
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Manual Integrations

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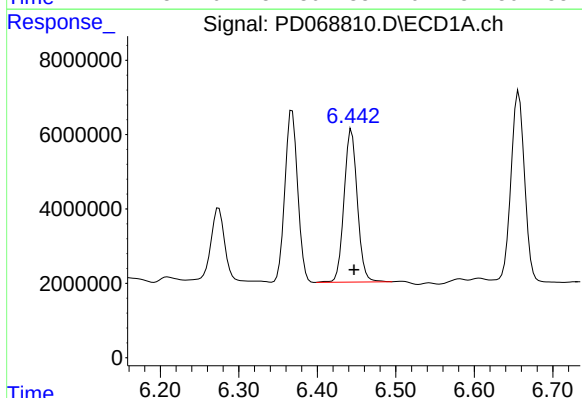
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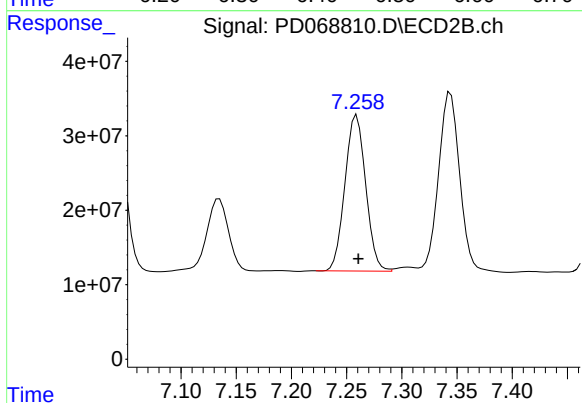
#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 320948368
Conc: 43.69 ng/ml



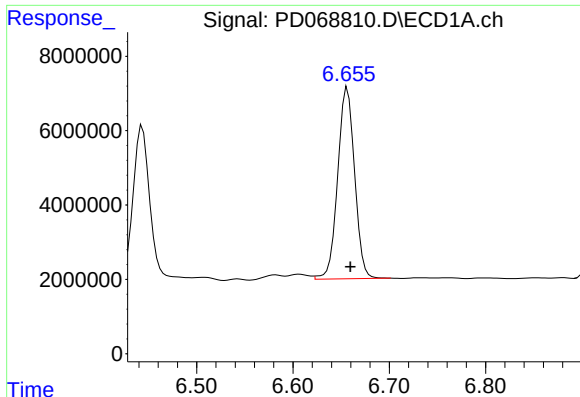
#18 Endrin aldehyde

R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 48452900
Conc: 48.81 ng/ml



#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 274276670
Conc: 45.32 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 62670482
Conc: 49.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

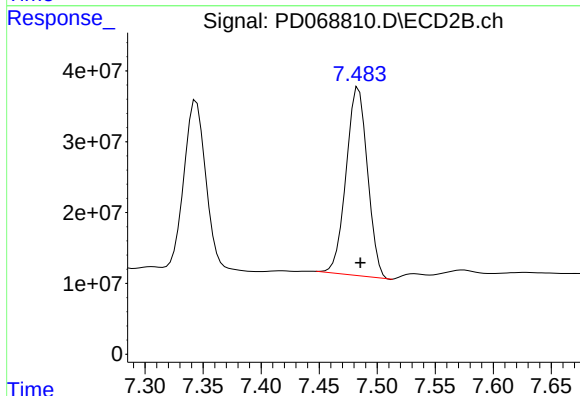
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Manual Integrations

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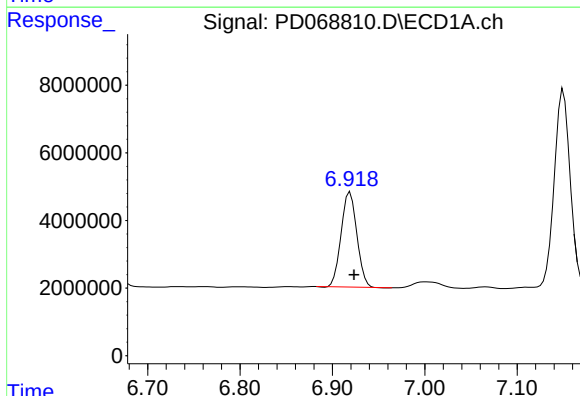
Reviewed By :Abdul Mirza 03/29/2022

Supervised By :mohammad ahmed 03/29/2022



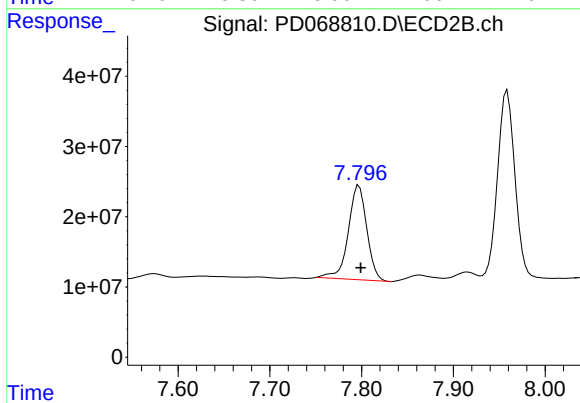
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 340785998
Conc: 46.33 ng/ml



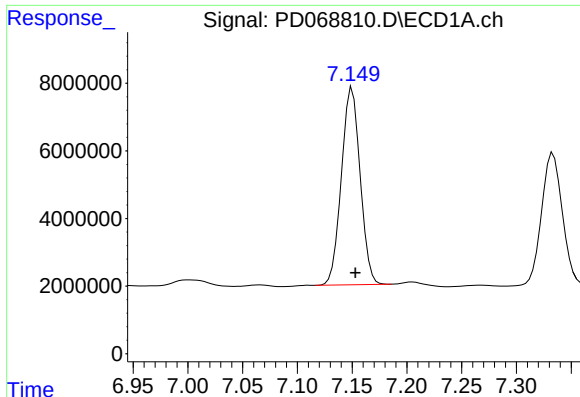
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 33226674
Conc: 47.94 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 188882363
Conc: 51.82 ng/ml



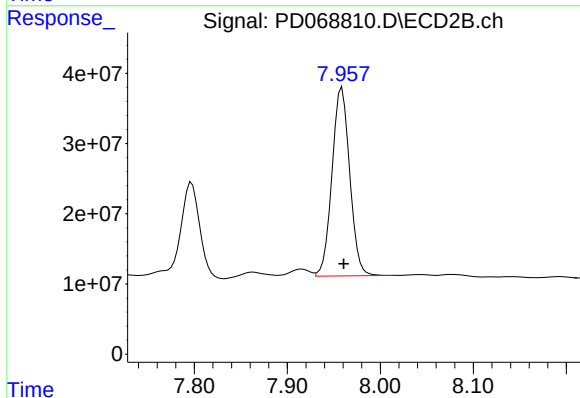
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 69412438
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

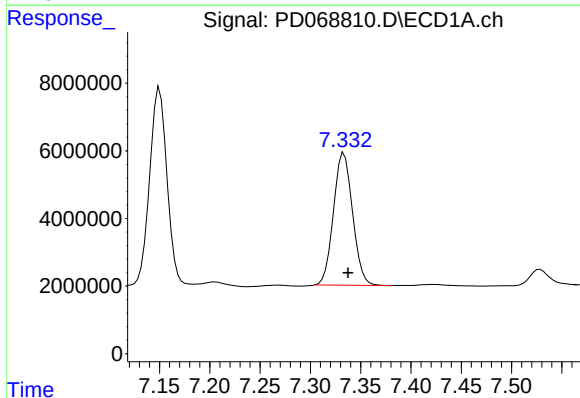
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



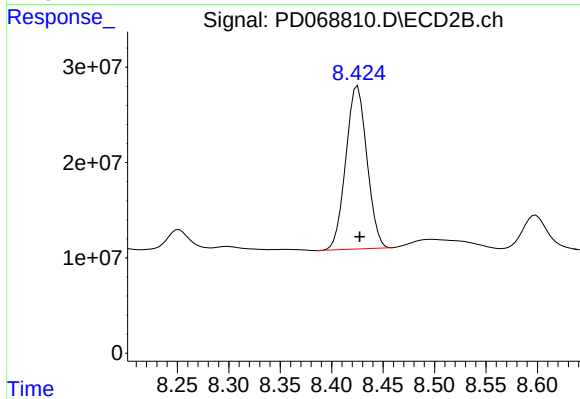
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 355738582
Conc: 45.91 ng/ml



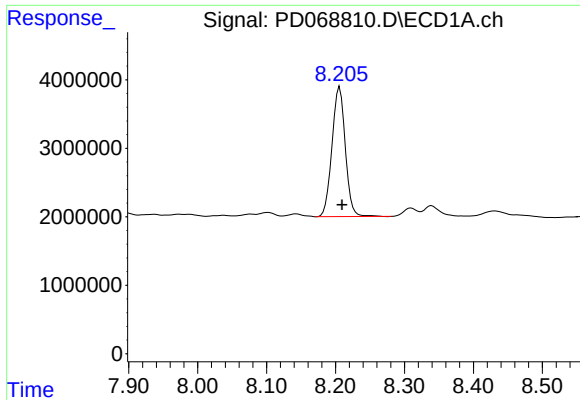
#22 Mirex

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 51550456
Conc: 43.50 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: -0.002 min
Response: 244573508
Conc: 44.62 ng/ml



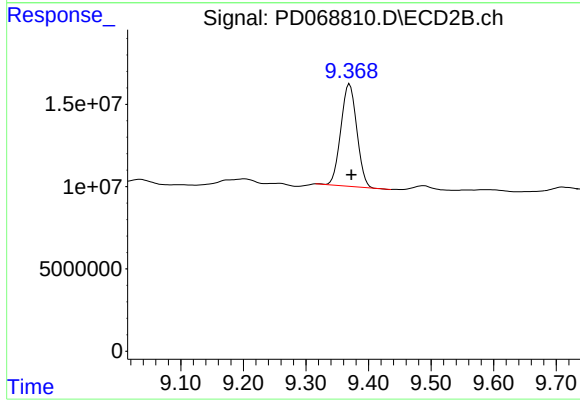
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 25386318
Conc: 20.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COMP-CS-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.003 min
Response: 109994445
Conc: 19.41 ng/ml