

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 17:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:49:16 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...	3.446	4.172	57326570	475.8E6	47.214	49.770
28) SA Decachlor...	8.204	9.368	59471938	289.9E6	47.074	51.164
Target Compounds						
2) A alpha-BHC	3.885	4.569	87669442	694.7E6	48.421	50.475
3) MA gamma-BHC...	4.169	4.859	81364695	627.4E6	48.728	50.177
4) MA Heptachlor	4.466	5.387	72893804	567.9E6	44.246	47.789
5) MB Aldrin	4.712	5.700	77017513	583.4E6	48.192m	50.826
6) B beta-BHC	4.419	5.022	35276824	274.9E6	47.379	50.074
7) B delta-BHC	4.623	5.248	80200054	617.3E6	49.075	51.332
8) B Heptachlo...	5.158	6.088	71197119	528.1E6	47.608	50.575
9) A Endosulfan I	5.497	6.450	67124379	476.2E6	47.972	50.774
10) B gamma-Chl...	5.384	6.324	72240446	519.1E6	47.622	50.365
11) B alpha-Chl...	5.443	6.399	71213262	503.3E6	47.645	50.552
12) B 4,4'-DDE	5.610	6.549	66439589	474.9E6	48.565	51.250
13) MA Dieldrin	5.741	6.709	69756995	493.6E6	47.774	50.817
14) MA Endrin	5.999	6.929	57186668	361.3E6	43.412	46.693
15) B Endosulfa...	6.273	7.134	59990034	386.0E6	48.132	51.074
16) A 4,4'-DDD	6.126	7.040	58632894	394.9E6	49.721	53.466
17) MA 4,4'-DDT	6.367	7.342	51904211	359.3E6	43.183	48.905
18) B Endrin al...	6.443	7.257	47897038	313.1E6	48.247	51.733
19) B Endosulfa...	6.656	7.483	62024248	382.9E6	48.501	52.056
20) A Methoxychlor	6.918	7.796	29237597	174.4E6	42.188	47.836
21) B Endrin ke...	7.149	7.957	74949934	415.6E6	50.912	53.635
22) Mirex	7.331	8.424	55754685	284.4E6	47.043m	51.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 17:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

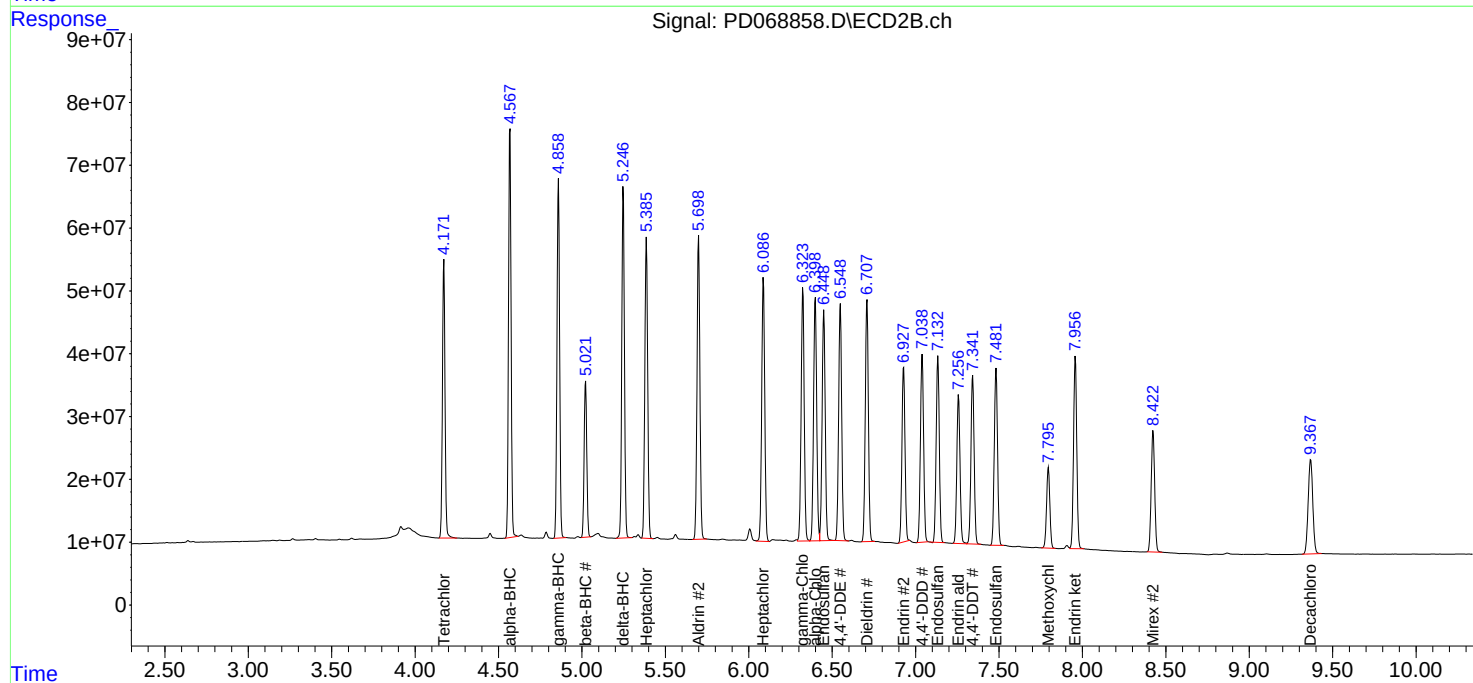
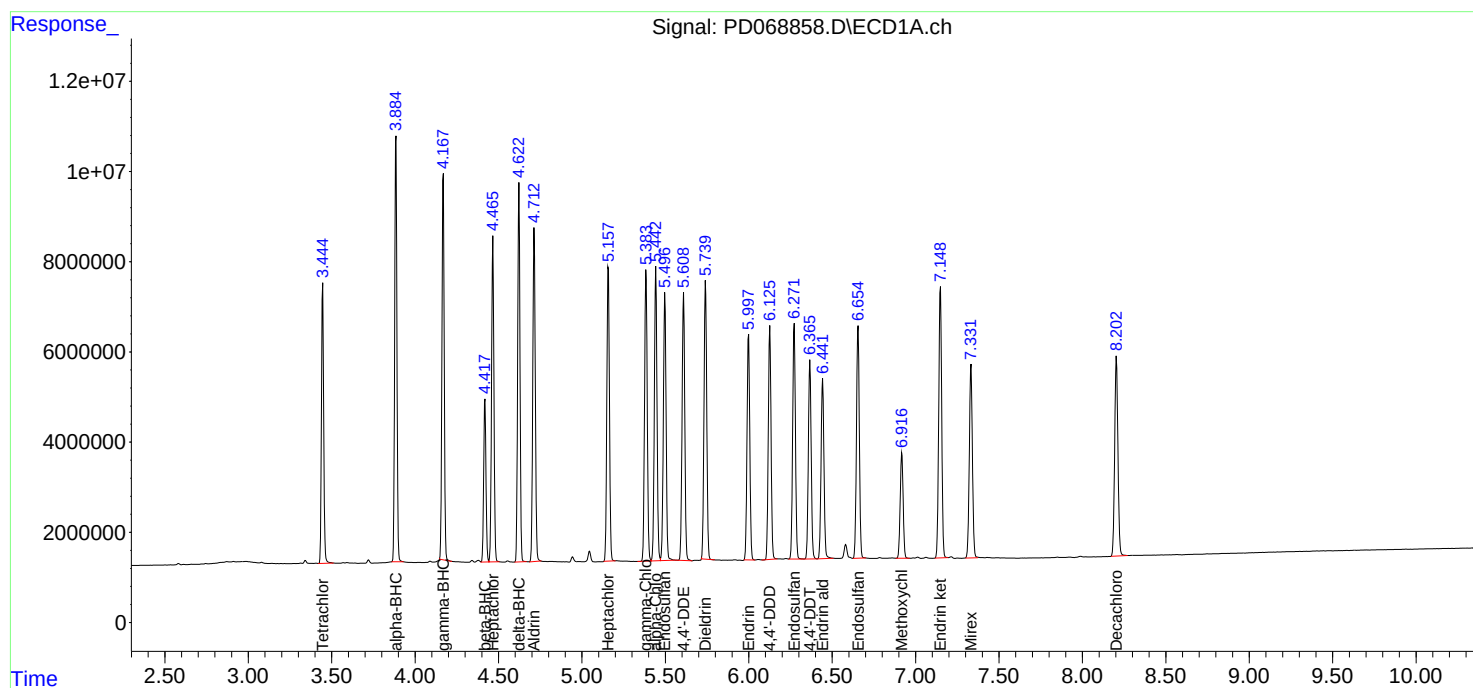
APPROVED

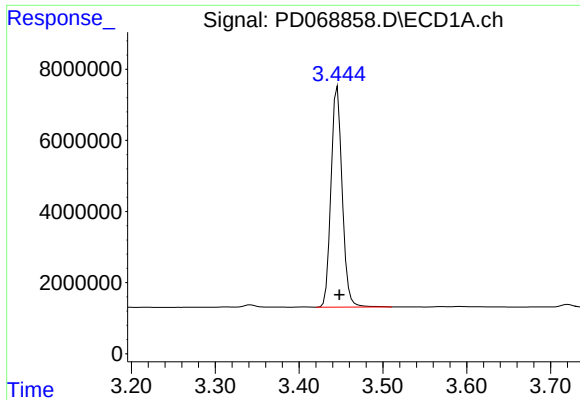
Reviewed By :Abdul Mirza 03/31/2022

Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:49:16 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





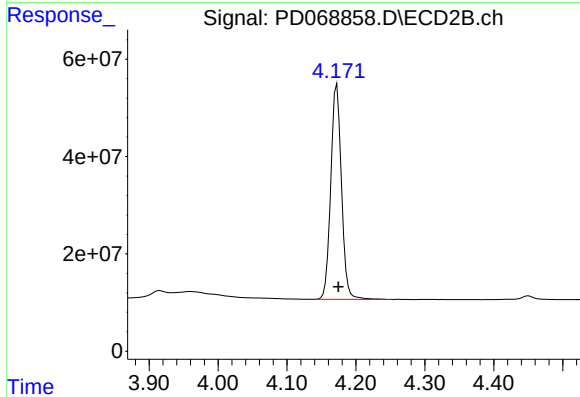
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 57326570
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

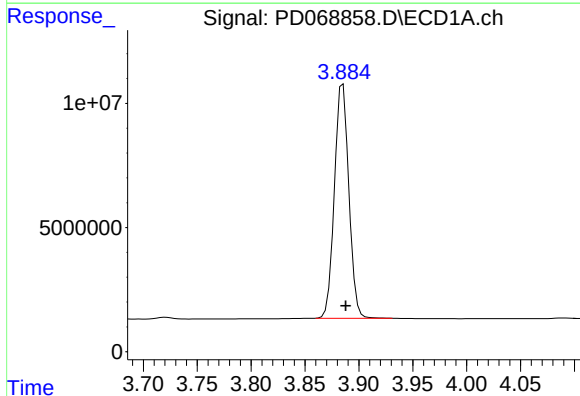
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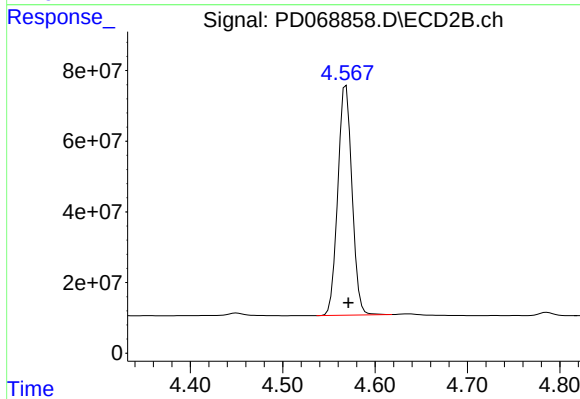
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 475840131
Conc: 49.77 ng/ml



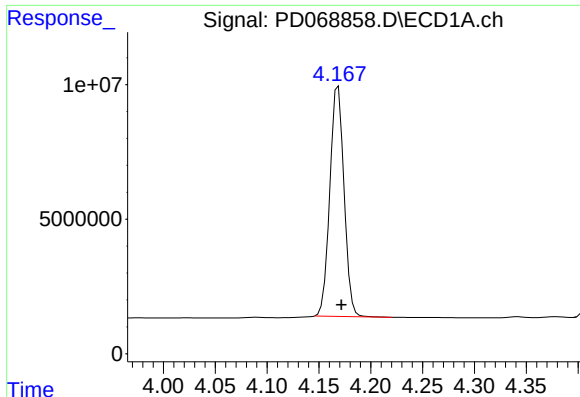
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 87669442
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 694685000
Conc: 50.48 ng/ml



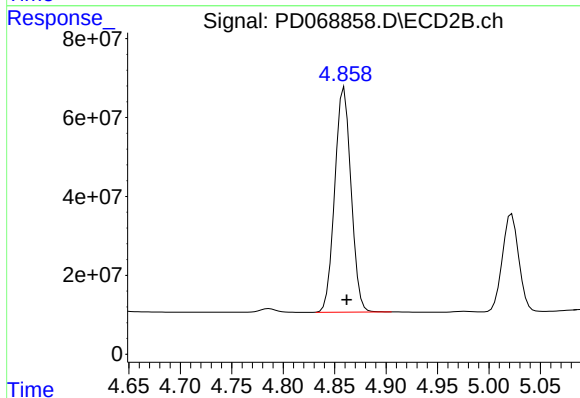
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 81364695
Conc: 48.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

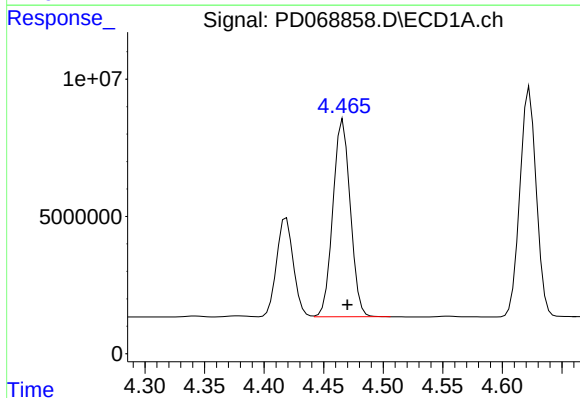
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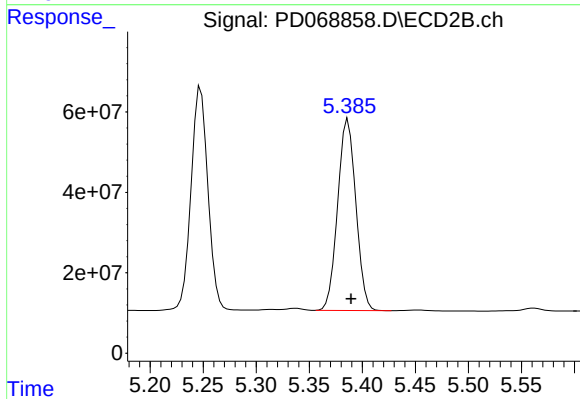
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 627376311
Conc: 50.18 ng/ml



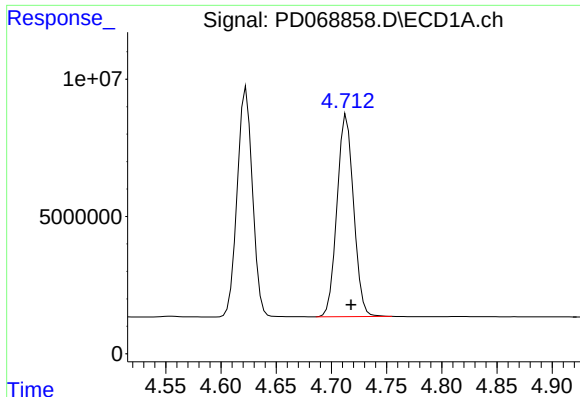
#4 Heptachlor

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 72893804
Conc: 44.25 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.003 min
Response: 567934142
Conc: 47.79 ng/ml



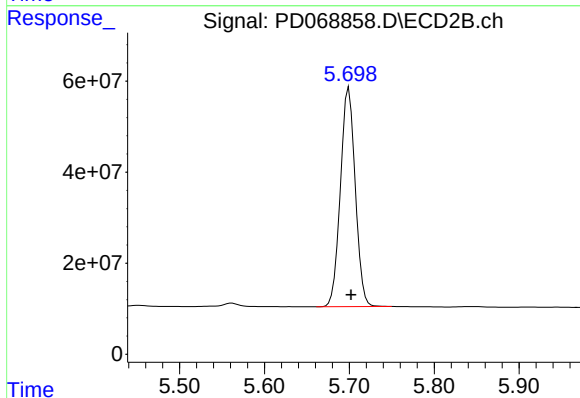
#5 Aldrin

R.T.: 4.712 min
Delta R.T.: -0.006 min
Response: 77017513
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

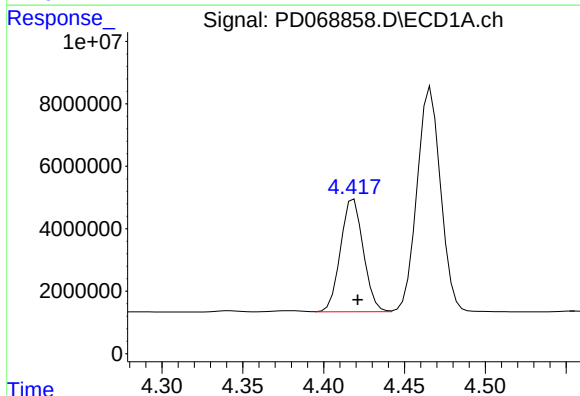
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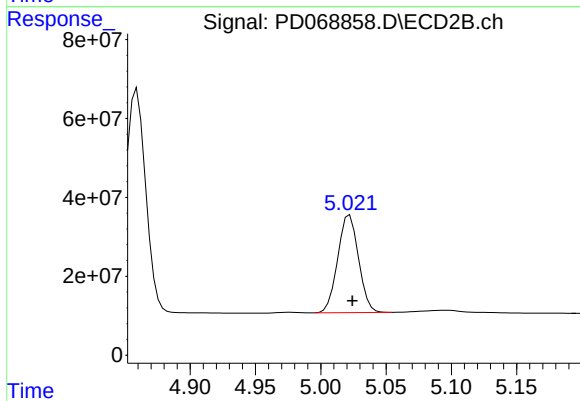
#5 Aldrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 583427627
Conc: 50.83 ng/ml



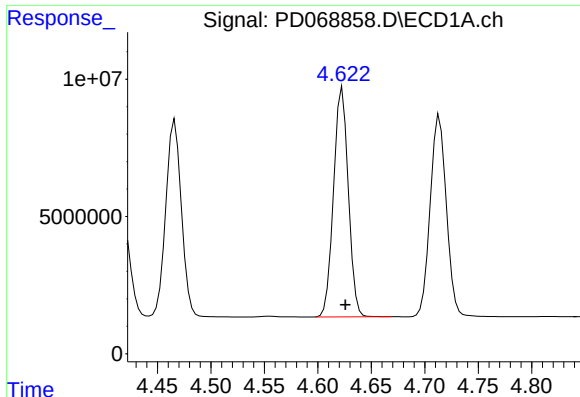
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 35276824
Conc: 47.38 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 274898763
Conc: 50.07 ng/ml



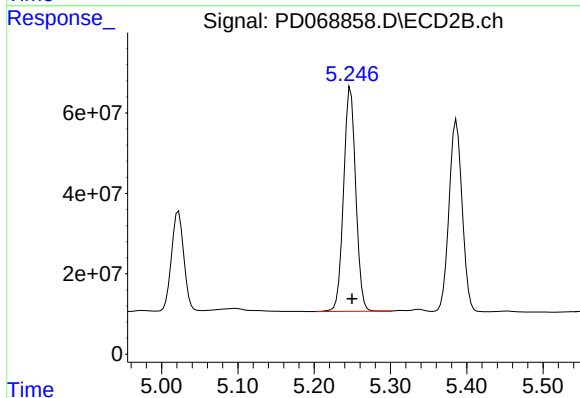
#7 delta-BHC

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 80200054
Conc: 49.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

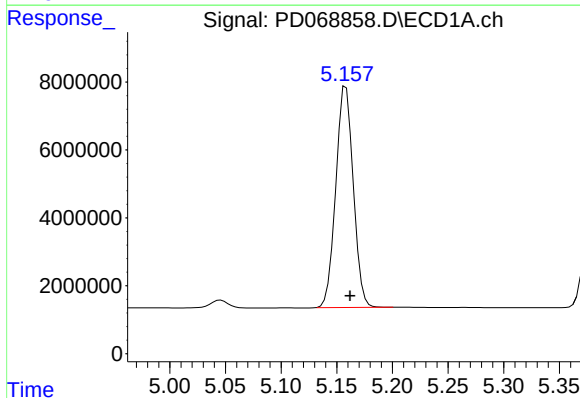
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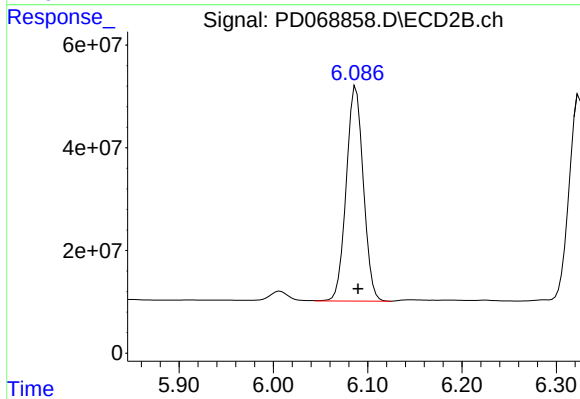
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 617303190
Conc: 51.33 ng/ml



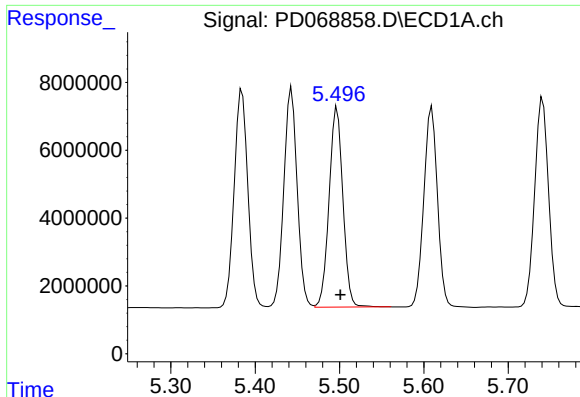
#8 Heptachlor epoxide

R.T.: 5.158 min
Delta R.T.: -0.004 min
Response: 71197119
Conc: 47.61 ng/ml



#8 Heptachlor epoxide

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 528143940
Conc: 50.58 ng/ml



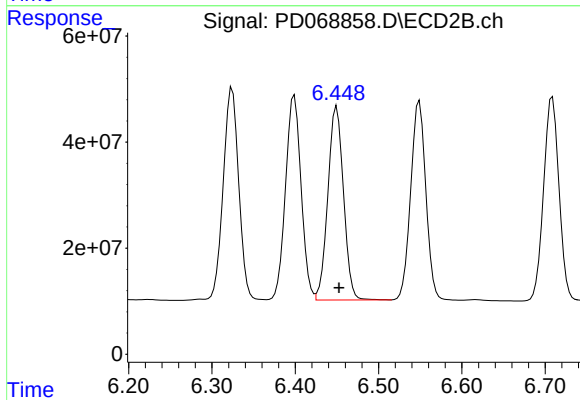
#9 Endosulfan I

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 67124379
Conc: 47.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

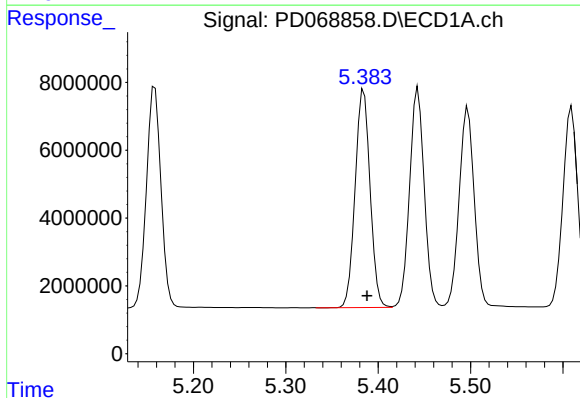
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Supervised By :mohammad ahmed 04/01/2022



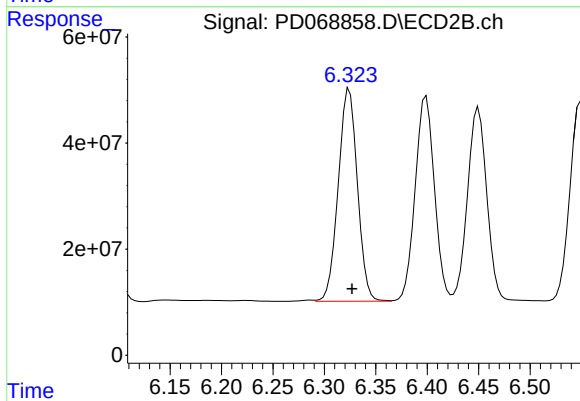
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 476169781
Conc: 50.77 ng/ml



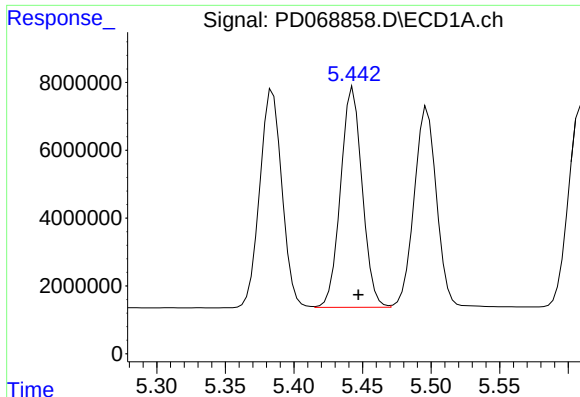
#10 gamma-Chlordane

R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 72240446
Conc: 47.62 ng/ml



#10 gamma-Chlordane

R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 519116347
Conc: 50.36 ng/ml



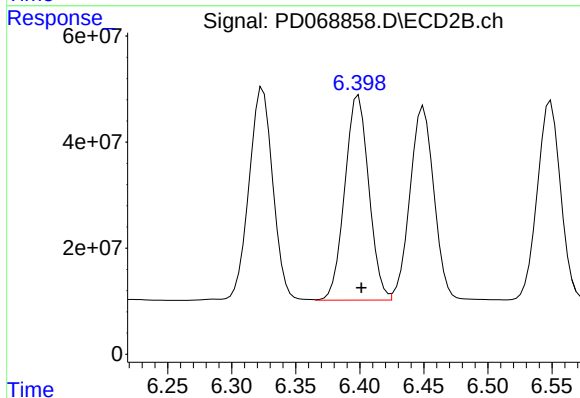
#11 alpha-Chlordane

R.T.: 5.443 min
Delta R.T.: -0.004 min
Response: 71213262
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

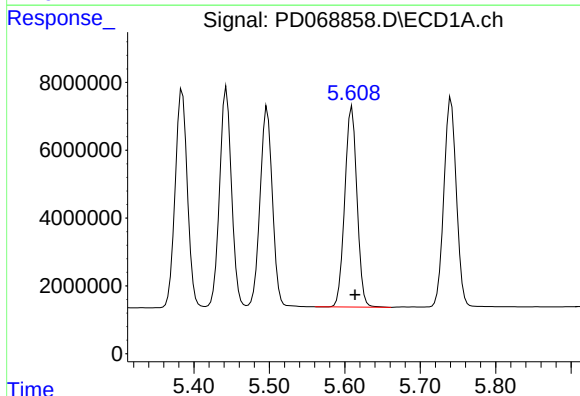
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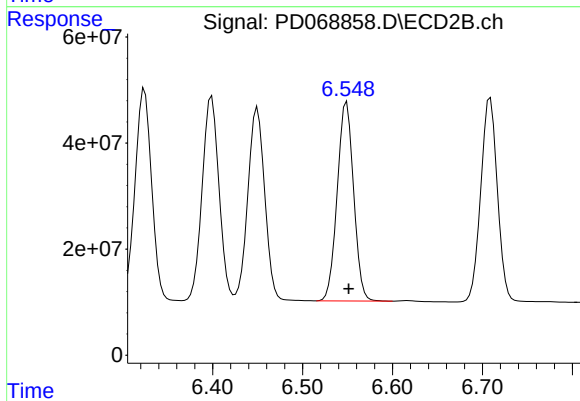
#11 alpha-Chlordane

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 503308313
Conc: 50.55 ng/ml



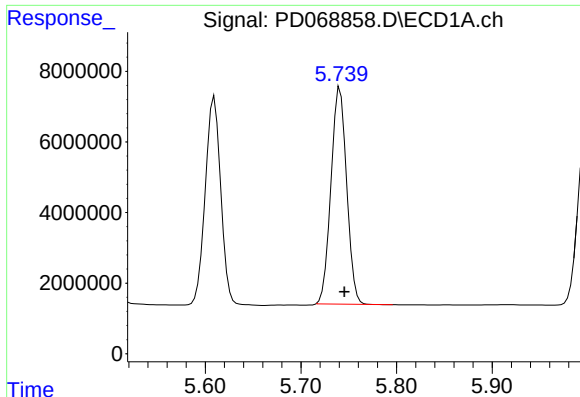
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 66439589
Conc: 48.56 ng/ml



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 474924073
Conc: 51.25 ng/ml



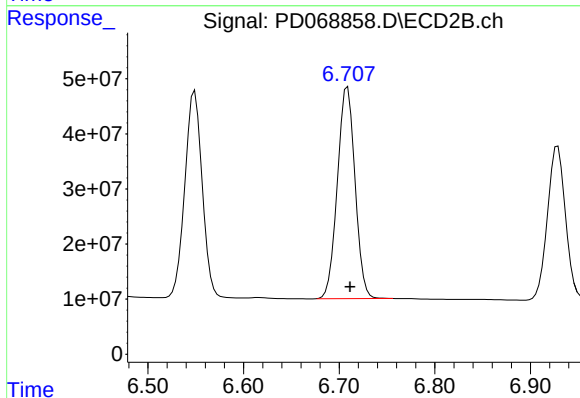
#13 Dieldrin

R.T.: 5.741 min
Delta R.T.: -0.005 min
Response: 69756995
Conc: 47.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

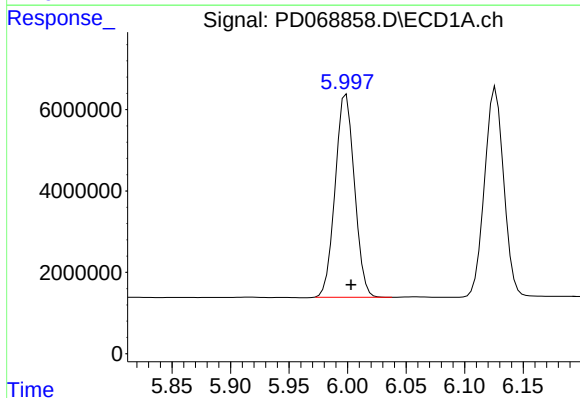
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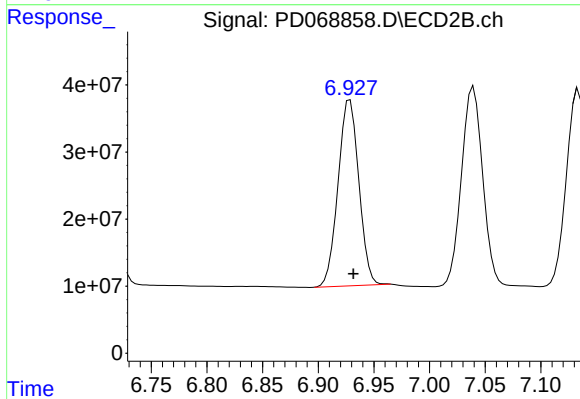
#13 Dieldrin

R.T.: 6.709 min
Delta R.T.: -0.003 min
Response: 493590609
Conc: 50.82 ng/ml



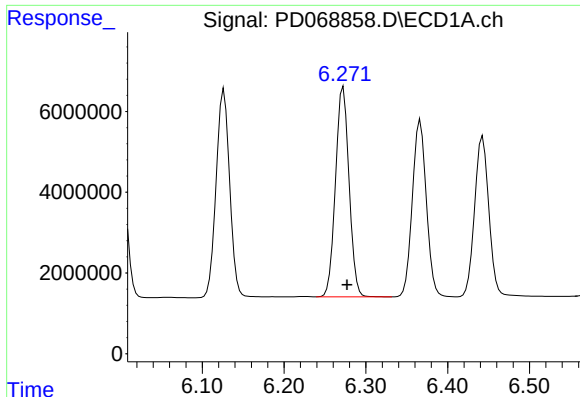
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 57186668
Conc: 43.41 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 361284966
Conc: 46.69 ng/ml



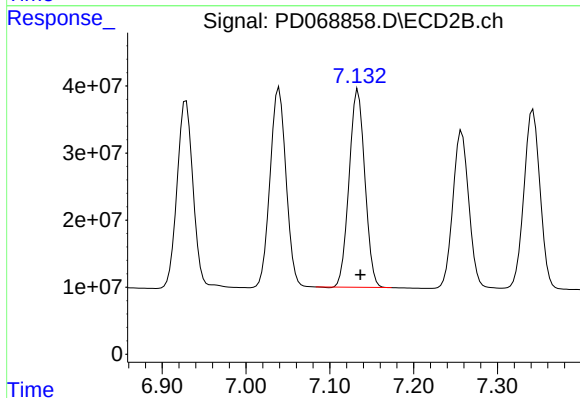
#15 Endosulfan II

R.T.: 6.273 min
Delta R.T.: -0.005 min
Response: 59990034
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

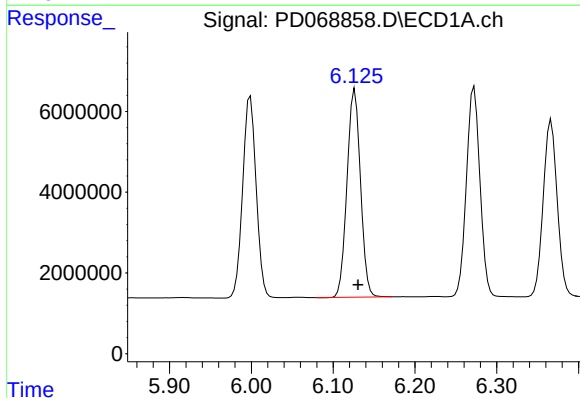
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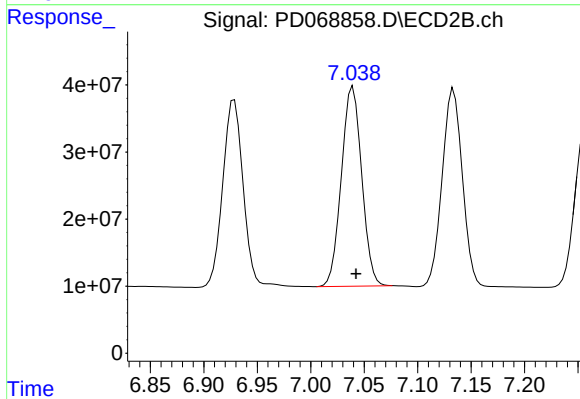
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: -0.003 min
Response: 386043574
Conc: 51.07 ng/ml



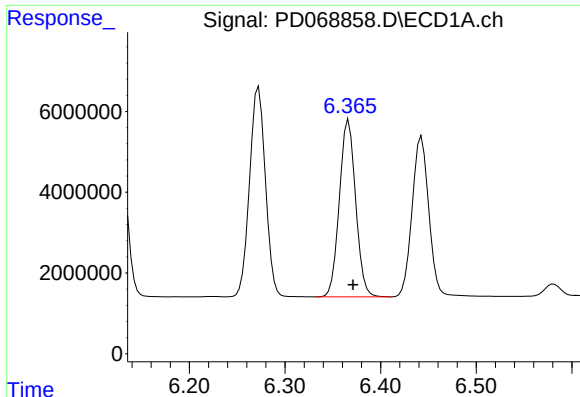
#16 4,4'-DDD

R.T.: 6.126 min
Delta R.T.: -0.004 min
Response: 58632894
Conc: 49.72 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 394862168
Conc: 53.47 ng/ml



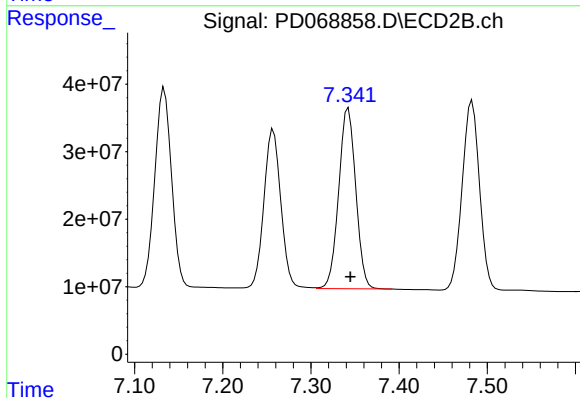
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 51904211
Conc: 43.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

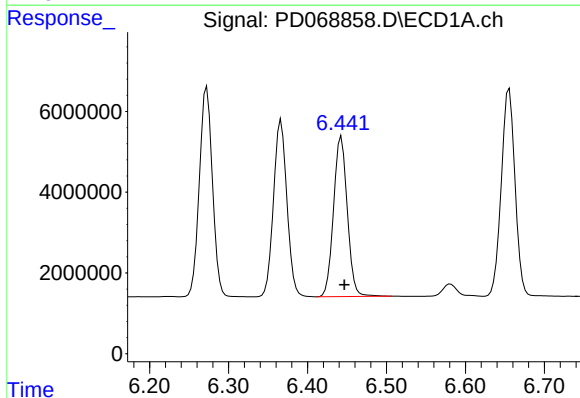
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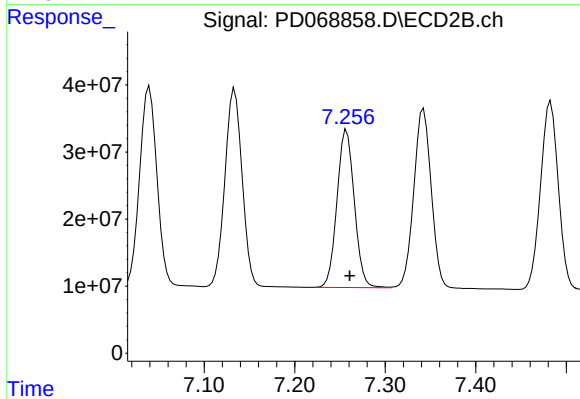
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 359297140
Conc: 48.91 ng/ml



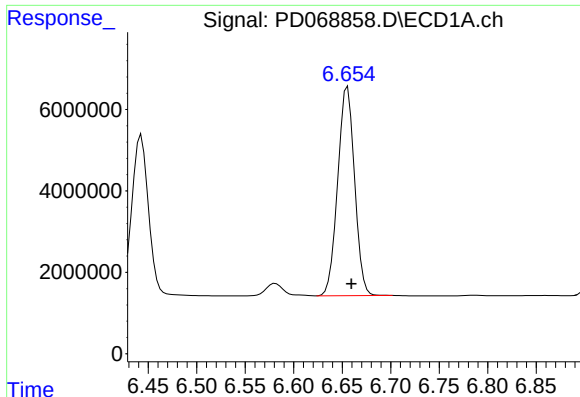
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 47897038
Conc: 48.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 313074227
Conc: 51.73 ng/ml



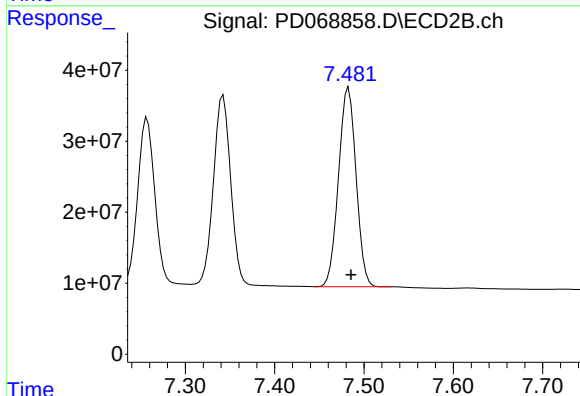
#19 Endosulfan Sulfate

R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 62024248
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

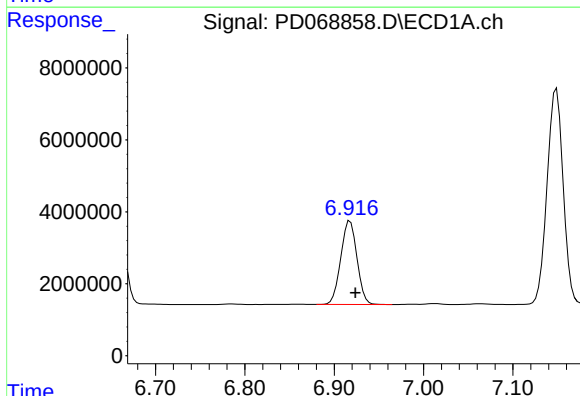
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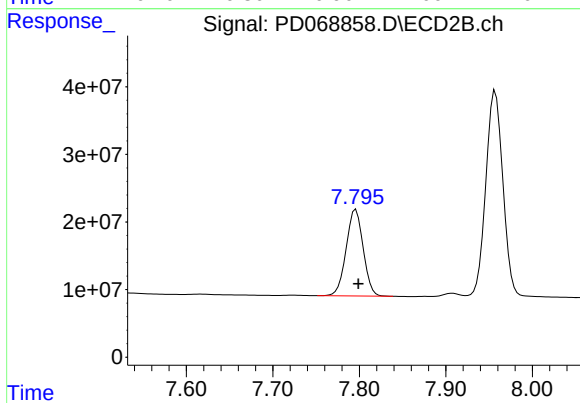
#19 Endosulfan Sulfate

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 382874582
Conc: 52.06 ng/ml



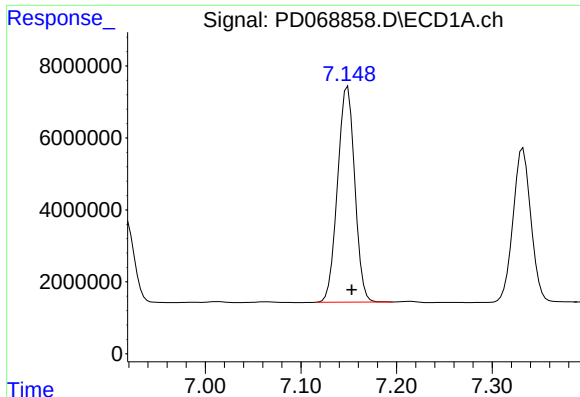
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 29237597
Conc: 42.19 ng/ml



#20 Methoxychlor

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 174375260
Conc: 47.84 ng/ml



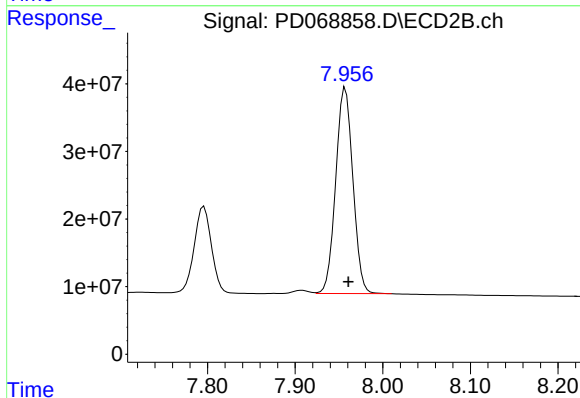
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 74949934
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

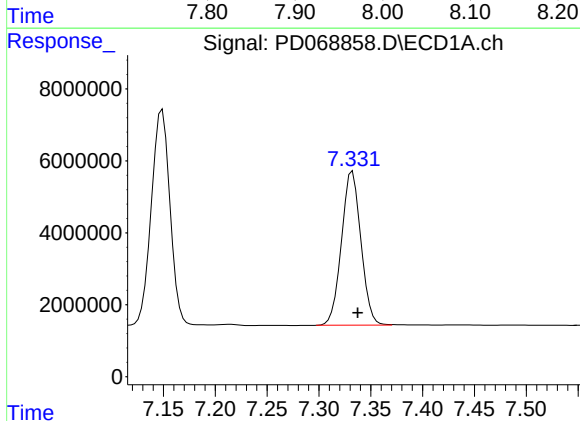
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Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



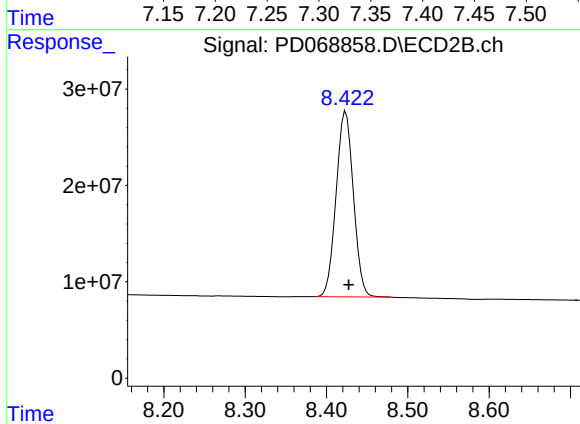
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 415599371
Conc: 53.63 ng/ml



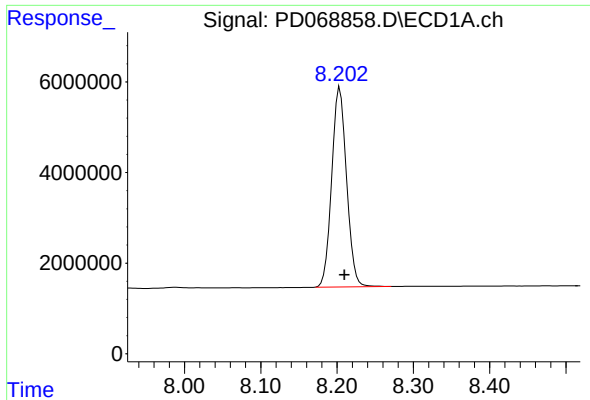
#22 Mirex

R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 55754685
Conc: 47.04 ng/ml m



#22 Mirex

R.T.: 8.424 min
Delta R.T.: -0.003 min
Response: 284449363
Conc: 51.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 59471938
Conc: 47.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

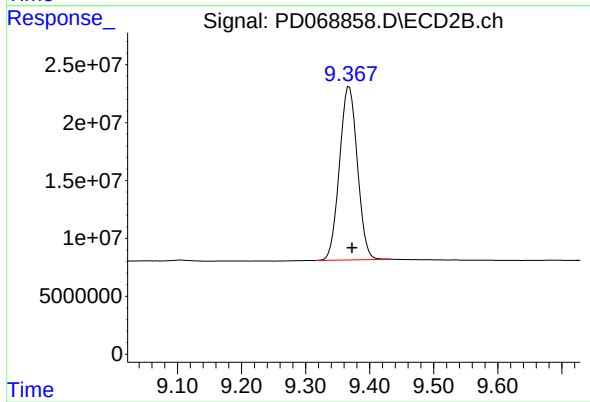
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/31/2022

Supervised By :mohammad ahmed 04/01/2022



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.004 min
Response: 289934969
Conc: 51.16 ng/ml