

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040322\
 Data File : PD068888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 11:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/04/2022
 Supervised By : mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:24:53 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	4.173	59627115	501.7E6	49.109	52.471
28)	SA Decachlor...	8.207	9.373	61243474	307.6E6	48.476	54.280
Target Compounds							
2)	A alpha-BHC	3.886	4.570	92193640	736.6E6	50.919	53.524
3)	MA gamma-BHC...	4.169	4.861	85799433	665.8E6	51.384	53.248
4)	MA Heptachlor	4.468	5.388	83590536	636.5E6	50.739	53.560
5)	MB Aldrin	4.715	5.701	81087239	614.1E6	50.739	53.501
6)	B beta-BHC	4.420	5.024	37025025	289.1E6	49.727	52.658
7)	B delta-BHC	4.624	5.249	84028995	554.2E6	51.418	46.083
8)	B Heptachlo...	5.160	6.089	74893941	504.9E6	50.080	48.345
9)	A Endosulfan I	5.498	6.452	70683119	500.3E6	50.515	53.346
10)	B gamma-Chl...	5.385	6.326	76147418	545.7E6	50.198	52.943
11)	B alpha-Chl...	5.444	6.400	74858304	529.5E6	50.084	53.178
12)	B 4,4'-DDE	5.610	6.551	70054475	504.7E6	51.207	54.467
13)	MA Dieldrin	5.741	6.711	73997421	522.7E6	50.678m	53.818
14)	MA Endrin	6.000	6.931	67686933	426.4E6	51.383	55.109
15)	B Endosulfa...	6.274	7.134	61200670	414.7E6	49.104	54.870m
16)	A 4,4'-DDD	6.128	7.040	58932640	415.4E6	49.975	56.251m
17)	MA 4,4'-DDT	6.368	7.345	61531138	435.0E6	51.192	59.211
18)	B Endrin al...	6.445	7.260	50715549	322.4E6	51.086	53.271
19)	B Endosulfa...	6.657	7.485	64556565	403.2E6	50.481	54.824
20)	A Methoxychlor	6.920	7.798	35268103	211.0E6	50.890	57.873
21)	B Endrin ke...	7.150	7.960	74082743	425.4E6	50.323	54.901
22)	Mirex	7.334	8.427	57163060	299.4E6	48.232	54.629

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040322\
Data File : PD068888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2022 11:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

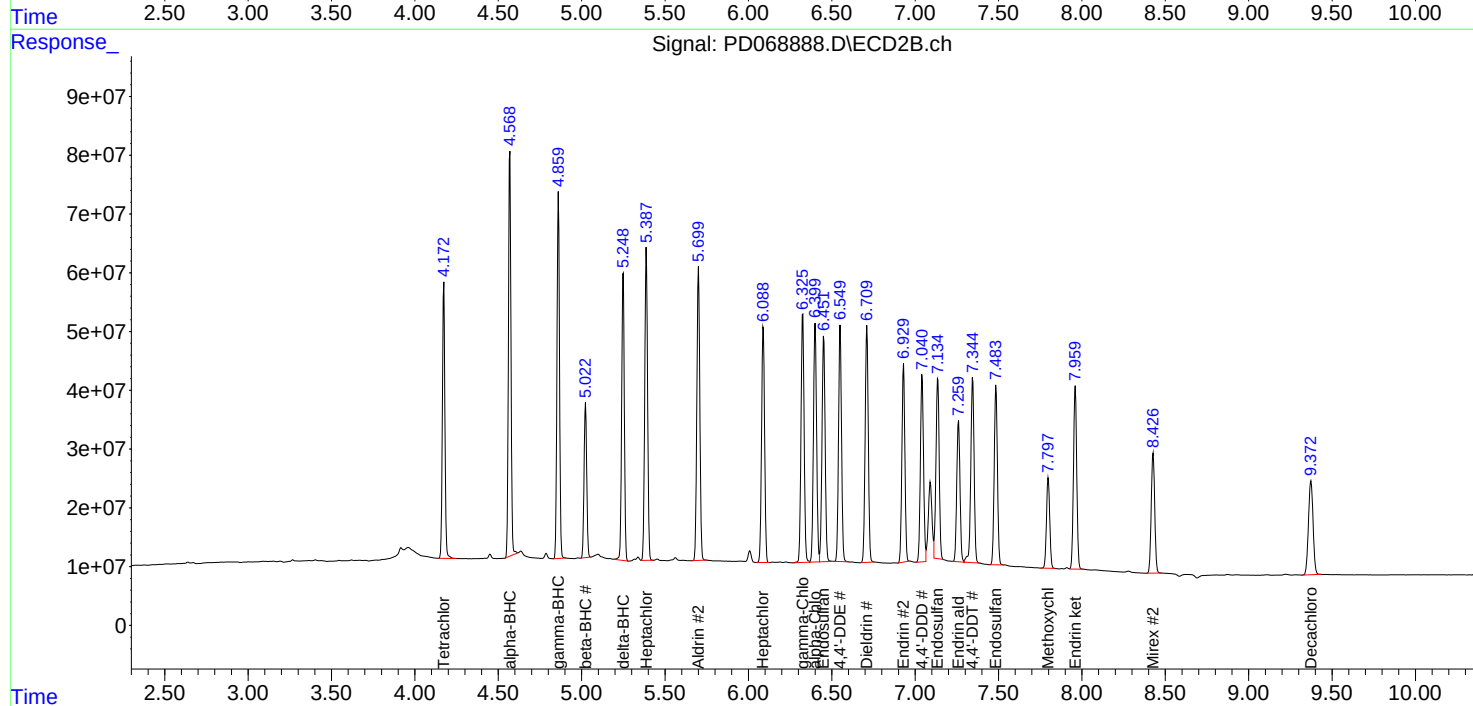
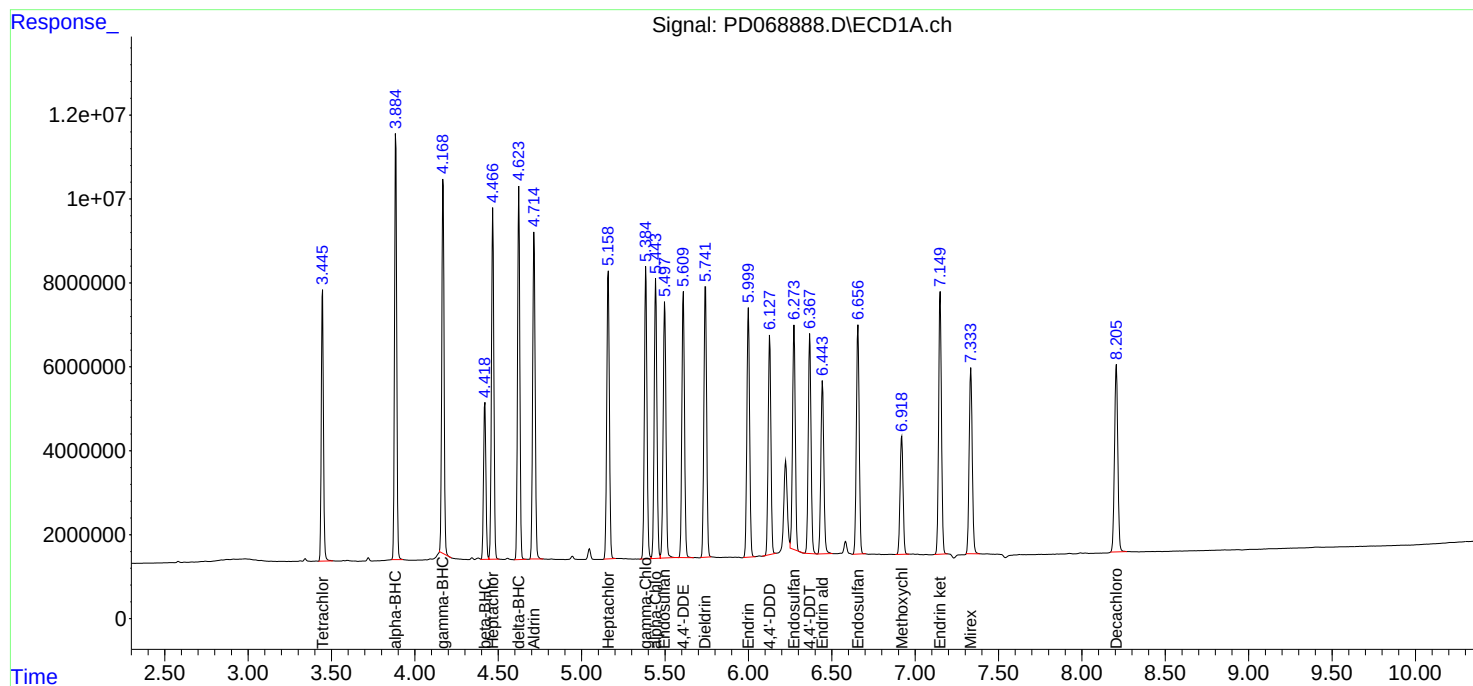
APPROVED

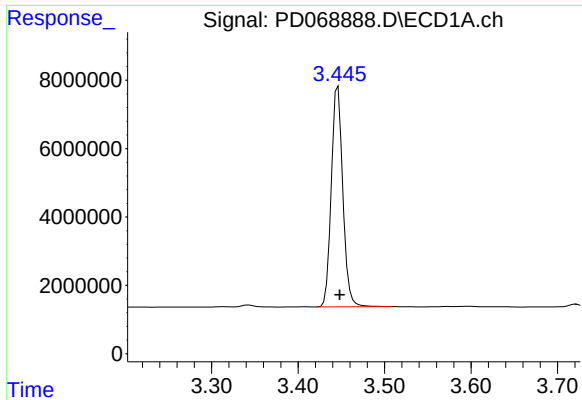
Reviewed By :Abdul Mirza 04/04/2022

Supervised By :mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 23:24:53 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





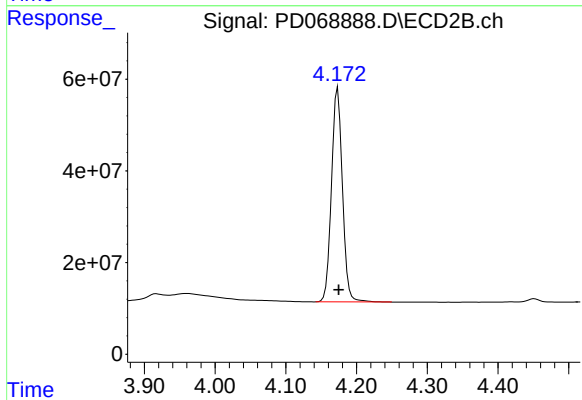
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 59627115
Conc: 49.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

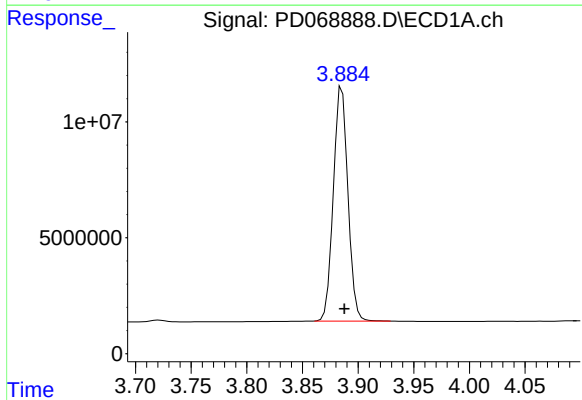
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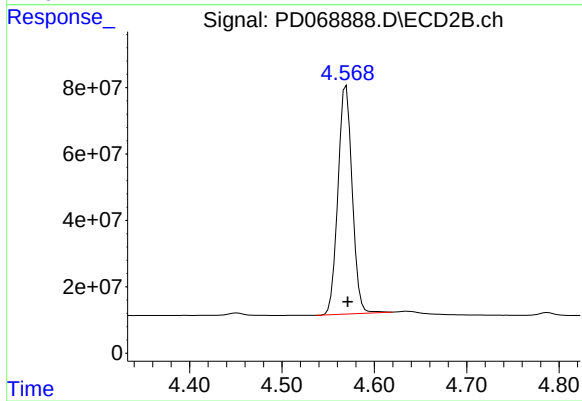
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 501660558
Conc: 52.47 ng/ml



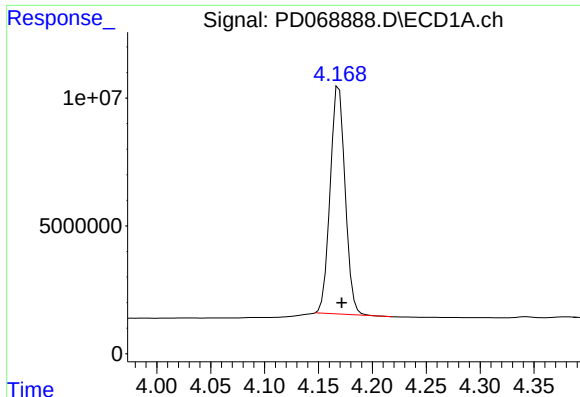
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 92193640
Conc: 50.92 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 736636795
Conc: 53.52 ng/ml



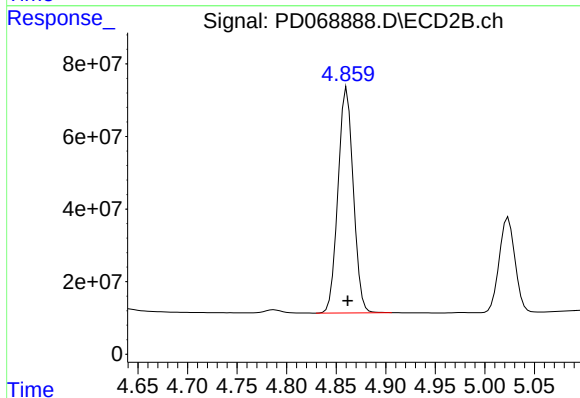
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 85799433
Conc: 51.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

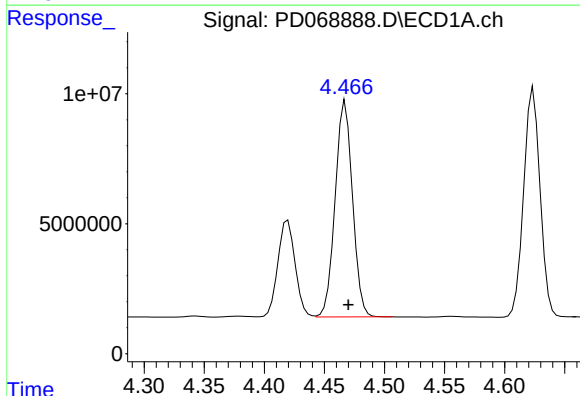
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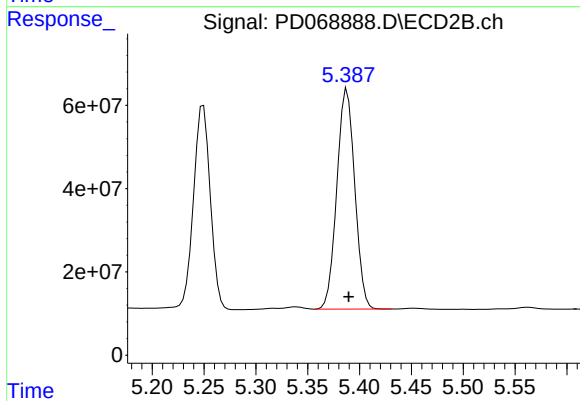
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 665774834
Conc: 53.25 ng/ml



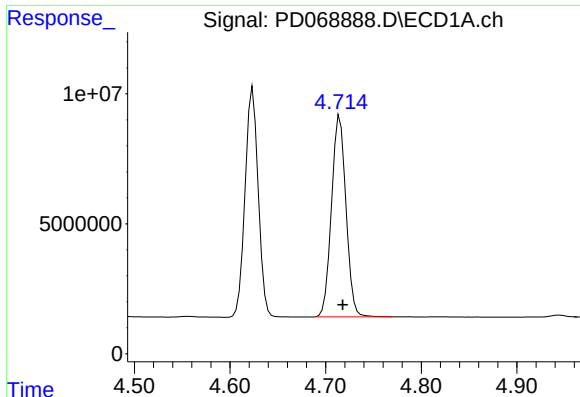
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 83590536
Conc: 50.74 ng/ml



#4 Heptachlor

R.T.: 5.388 min
Delta R.T.: -0.001 min
Response: 636518466
Conc: 53.56 ng/ml



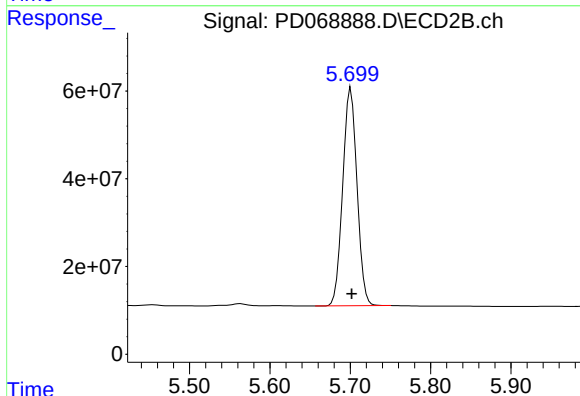
#5 Aldrin

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 81087239
Conc: 50.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

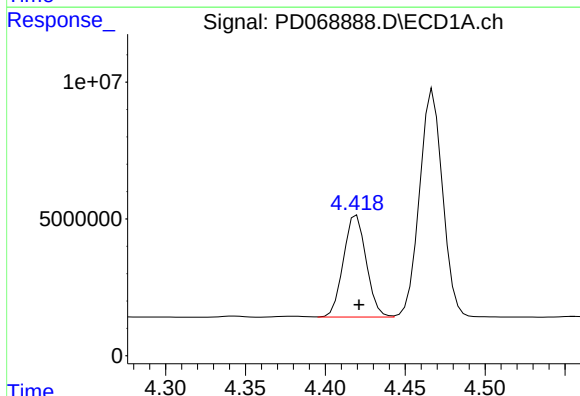
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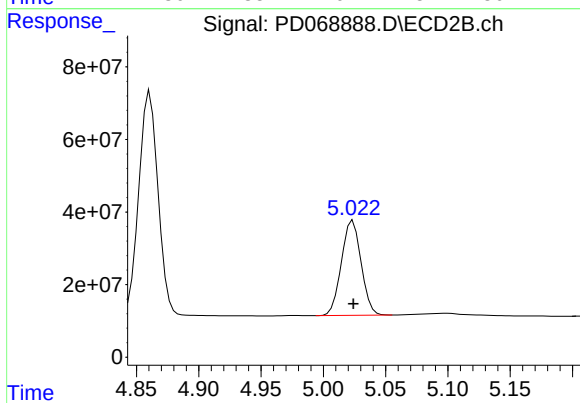
#5 Aldrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 614125654
Conc: 53.50 ng/ml



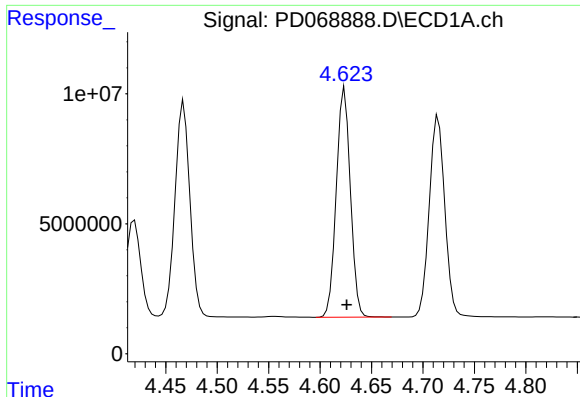
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 37025025
Conc: 49.73 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 289088725
Conc: 52.66 ng/ml



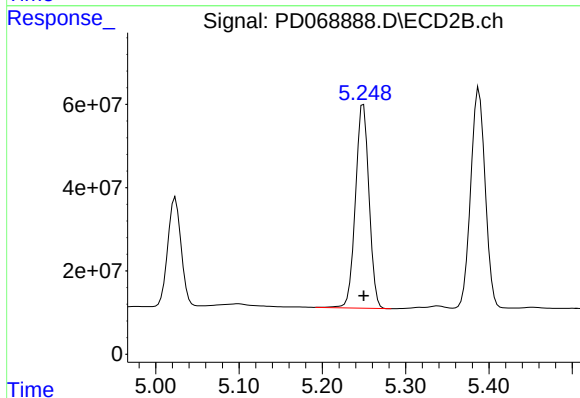
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 84028995
Conc: 51.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

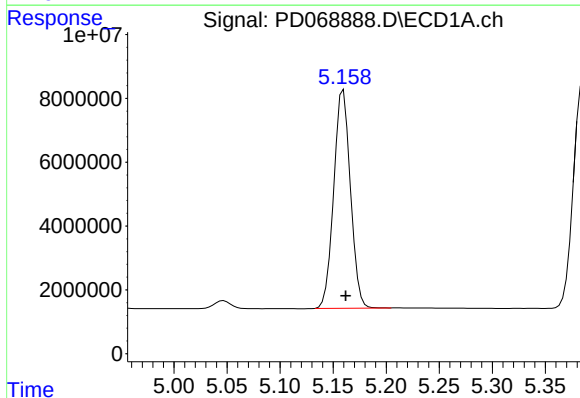
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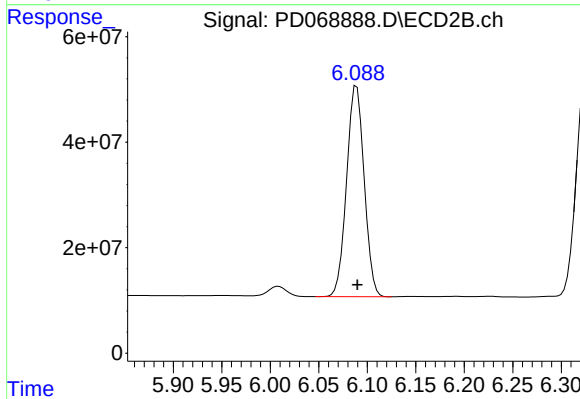
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 554186251
Conc: 46.08 ng/ml



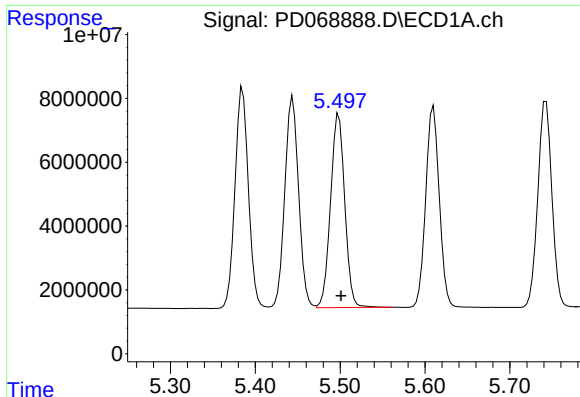
#8 Heptachlor epoxide

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 74893941
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 504850000
Conc: 48.34 ng/ml



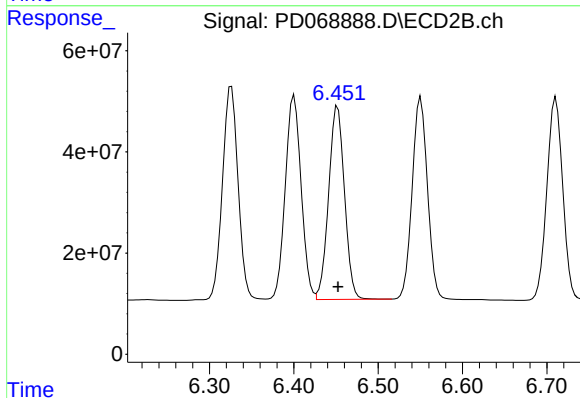
#9 Endosulfan I

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 70683119
Conc: 50.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

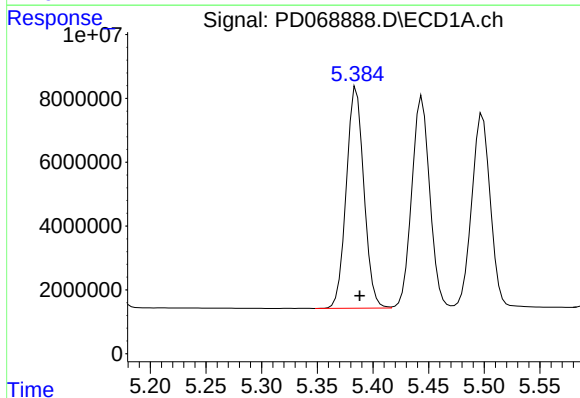
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Supervised By :mohammad ahmed 04/05/2022



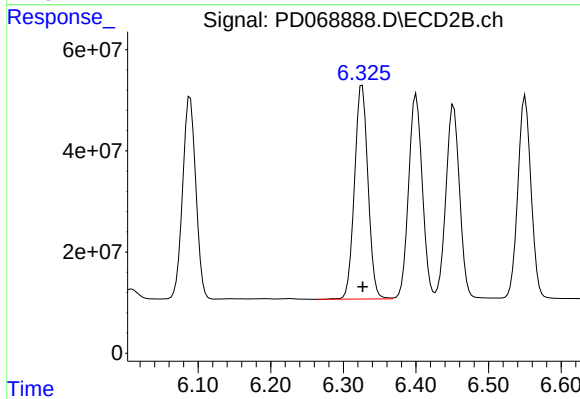
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 500288176
Conc: 53.35 ng/ml



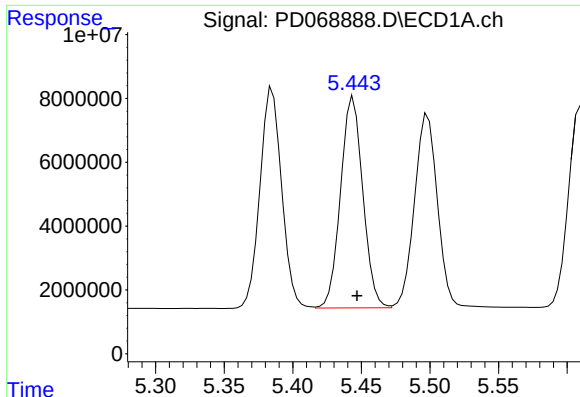
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 76147418
Conc: 50.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 545690131
Conc: 52.94 ng/ml



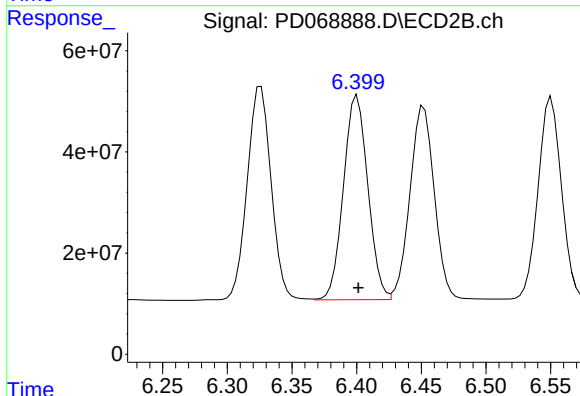
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: -0.003 min
Response: 74858304
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

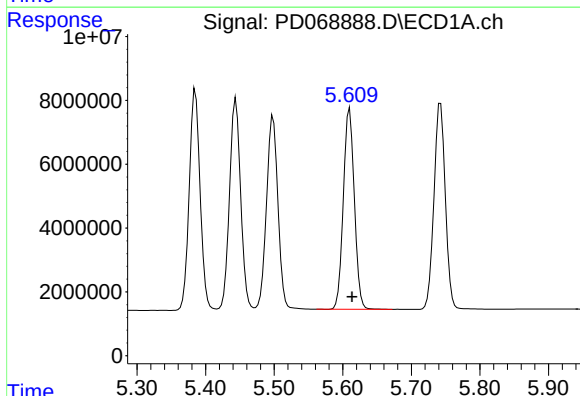
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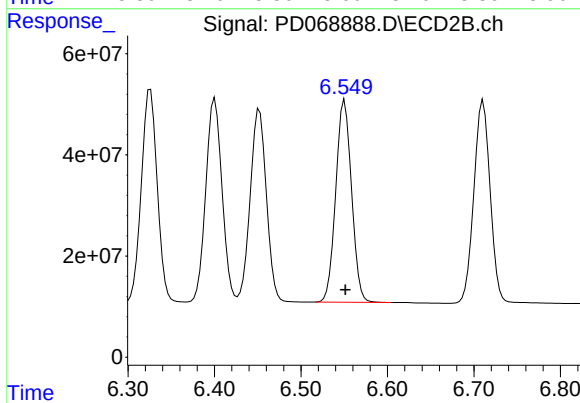
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 529452961
Conc: 53.18 ng/ml



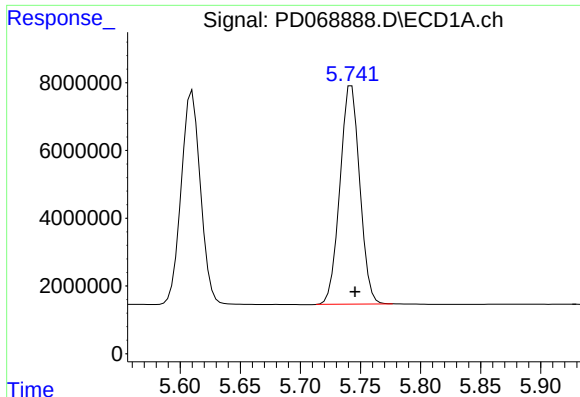
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 70054475
Conc: 51.21 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 504738914
Conc: 54.47 ng/ml



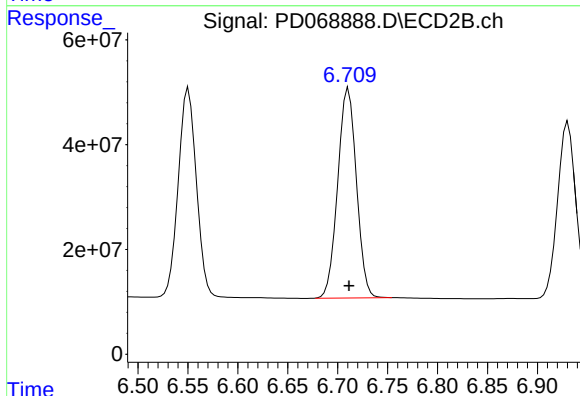
#13 Dieldrin

R.T.: 5.741 min
Delta R.T.: -0.004 min
Response: 73997421
Conc: 50.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

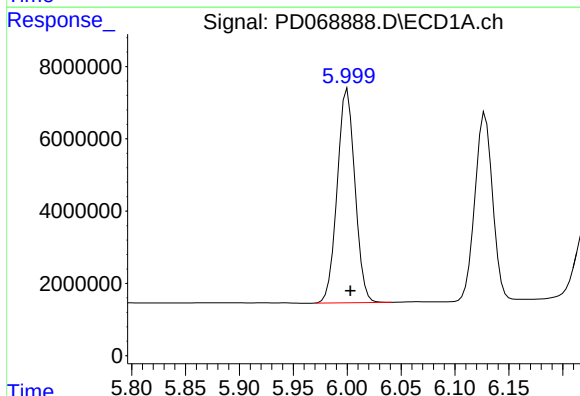
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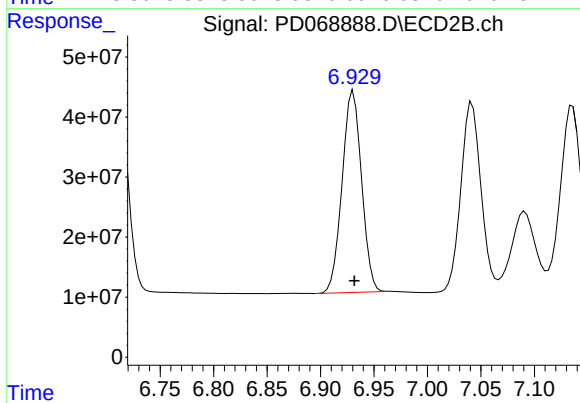
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 522741290
Conc: 53.82 ng/ml



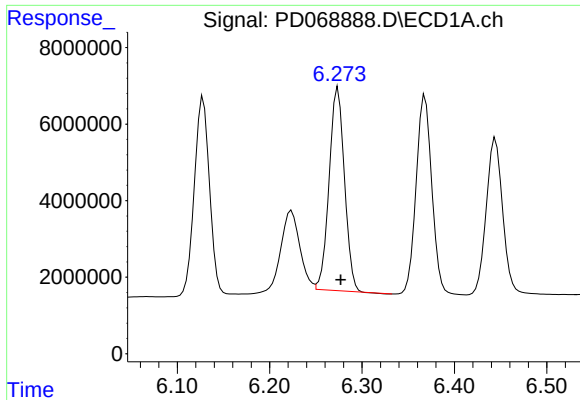
#14 Endrin

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 67686933
Conc: 51.38 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 426407805
Conc: 55.11 ng/ml



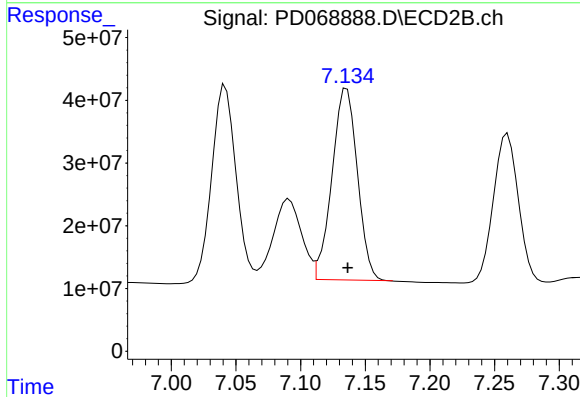
#15 Endosulfan II

R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 61200670
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

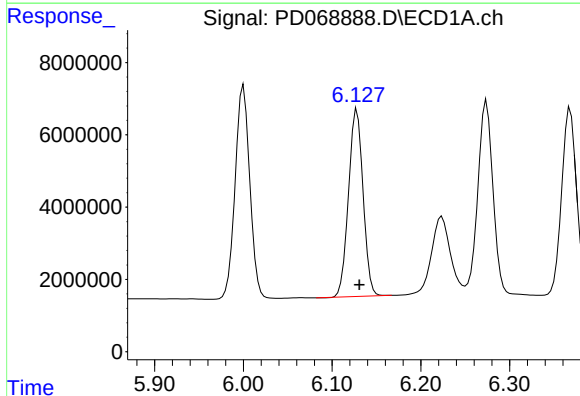
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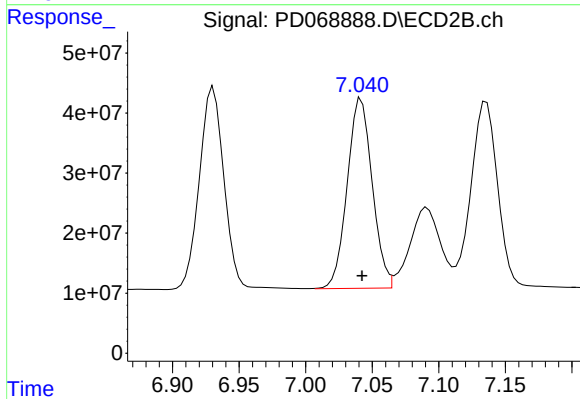
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 414741399
Conc: 54.87 ng/ml m



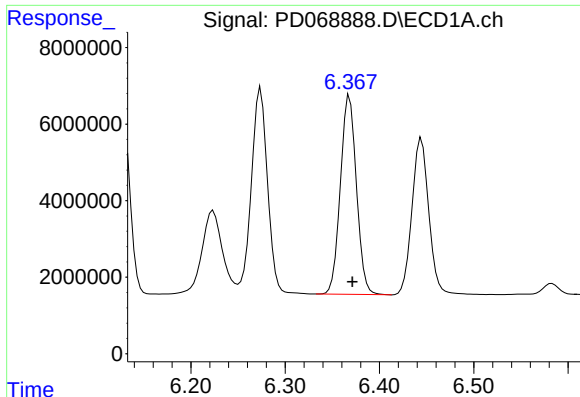
#16 4,4'-DDD

R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 58932640
Conc: 49.98 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 415429336
Conc: 56.25 ng/ml m



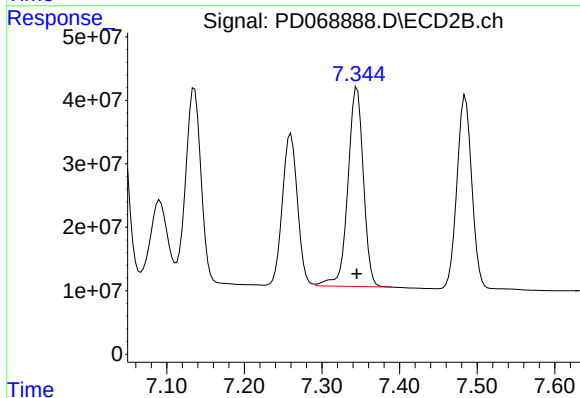
#17 4,4'-DDT

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 61531138
Conc: 51.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

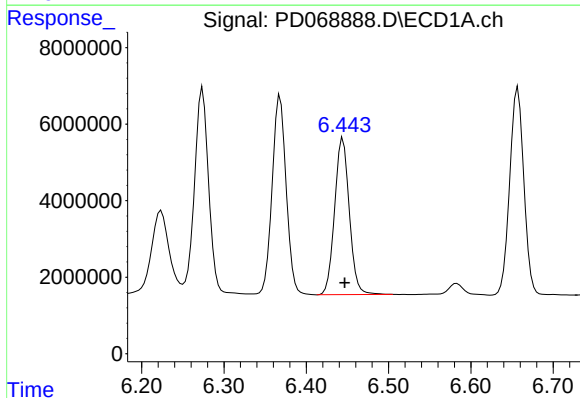
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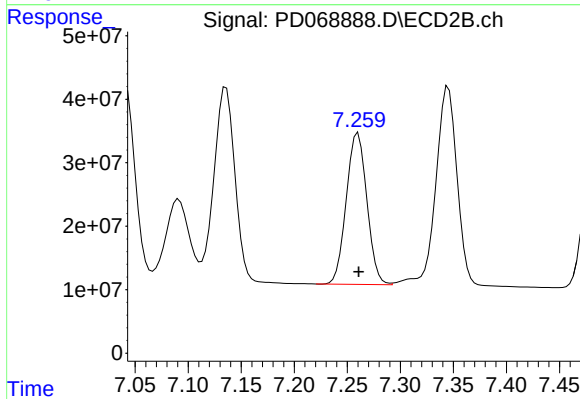
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 435009073
Conc: 59.21 ng/ml



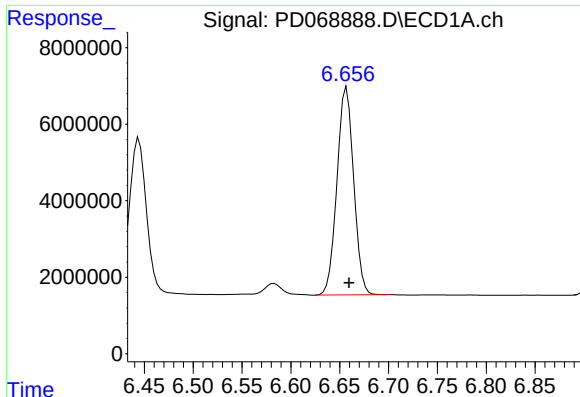
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 50715549
Conc: 51.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 322386722
Conc: 53.27 ng/ml



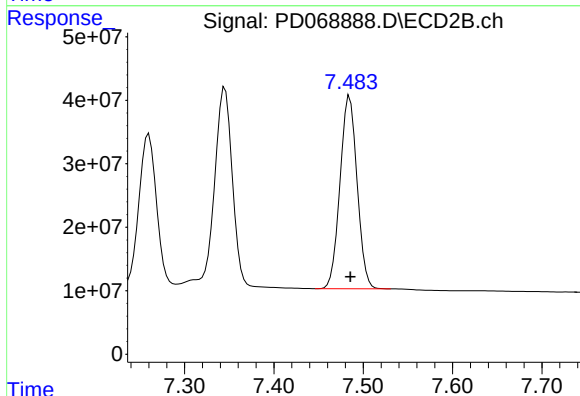
#19 Endosulfan Sulfate

R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 64556565
Conc: 50.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

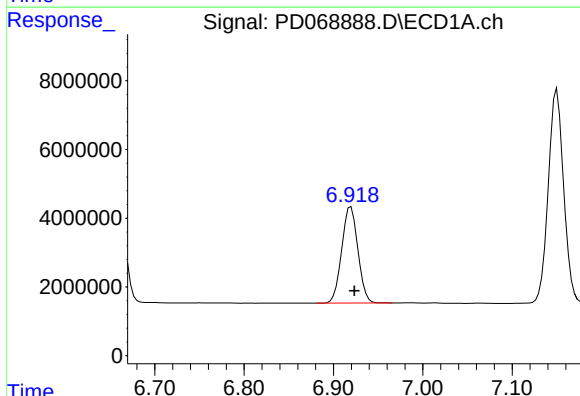
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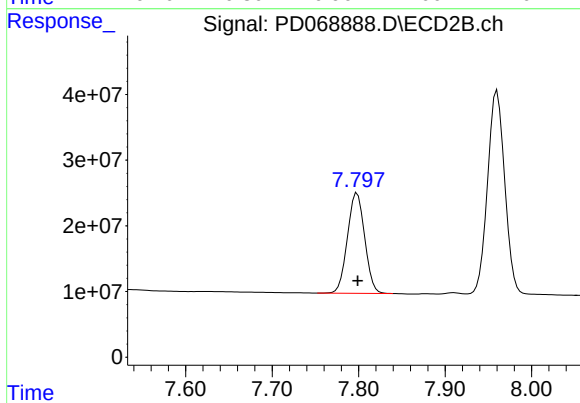
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 403231688
Conc: 54.82 ng/ml



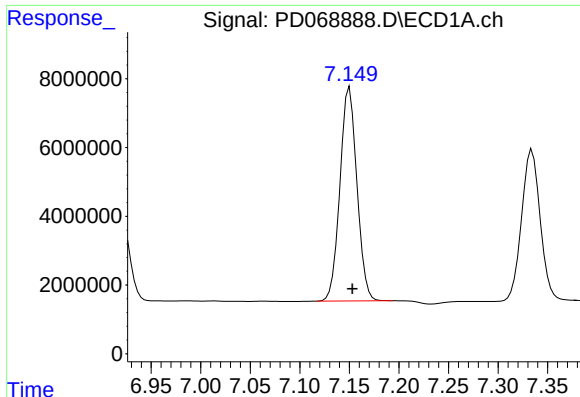
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 35268103
Conc: 50.89 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 210962186
Conc: 57.87 ng/ml



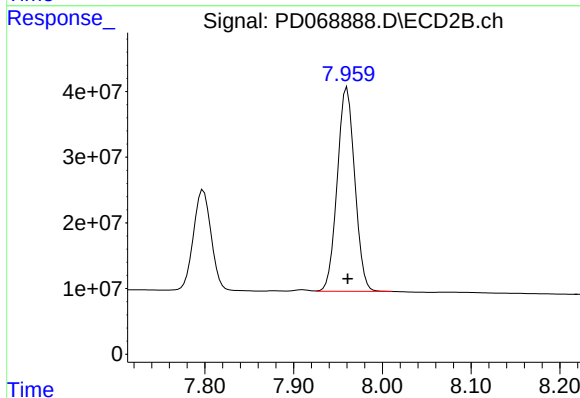
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 74082743
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

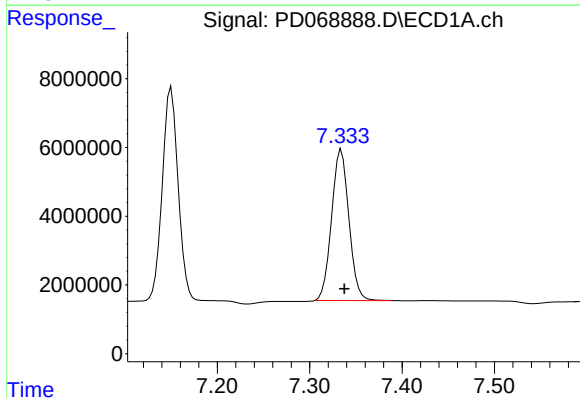
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Reviewed By :Abdul Mirza 04/04/2022
Supervised By :mohammad ahmed 04/05/2022



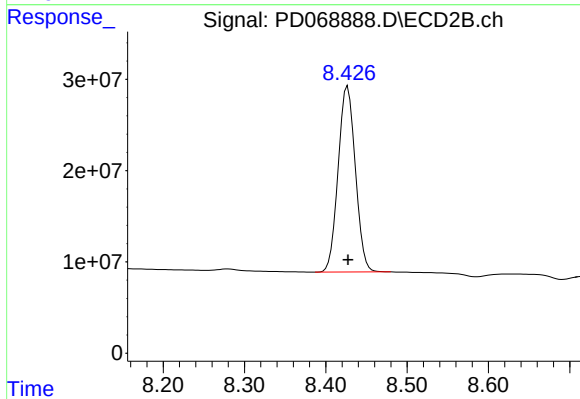
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 425414643
Conc: 54.90 ng/ml



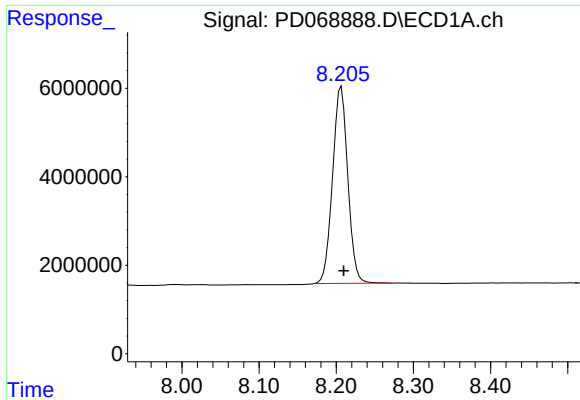
#22 Mirex

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 57163060
Conc: 48.23 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 299443143
Conc: 54.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 61243474
Conc: 48.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

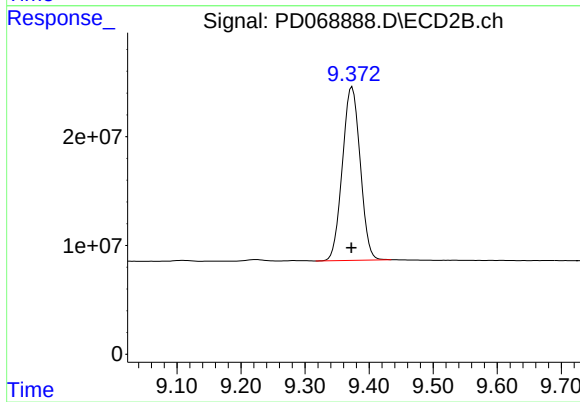
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/04/2022

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#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 307587622
Conc: 54.28 ng/ml