

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040422\
 Data File : PD068911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2022 12:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2022
 Supervised By :mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:17:51 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.454	4.173	53818984	443.7E6	44.326	46.406
28)	SA Decachlor...	8.215	9.371	55696692	269.1E6	44.086	47.481
Target Compounds							
2)	A alpha-BHC	3.894	4.569	82806634	656.4E6	45.735	47.691
3)	MA gamma-BHC...	4.178	4.860	76852328	591.3E6	46.026	47.295
4)	MA Heptachlor	4.476	5.387	74070421	567.3E6	44.960	47.739
5)	MB Aldrin	4.724	5.700	73734199	546.4E6	46.138	47.597
6)	B beta-BHC	4.429	5.023	33250291	258.2E6	44.658	47.030
7)	B delta-BHC	4.633	5.249	76142474	572.3E6	46.593	47.587
8)	B Heptachlo...	5.169	6.089	67910409	487.6E6	45.410	46.689
9)	A Endosulfan I	5.508	6.451	63880752	443.9E6	45.653	47.333
10)	B gamma-Chl...	5.394	6.325	68770990	482.9E6	45.335	46.853
11)	B alpha-Chl...	5.454	6.400	67612987	469.0E6	45.237	47.109
12)	B 4,4'-DDE	5.620	6.550	63607429	442.9E6	46.495	47.793
13)	MA Dieldrin	5.751	6.710	67061640	457.8E6	45.928	47.135
14)	MA Endrin	6.009	6.929	60563409	370.8E6	45.975	47.916
15)	B Endosulfa...	6.283	7.134	56318520	355.7E6	45.186	47.055m
16)	A 4,4'-DDD	6.137	7.042	54086361	344.3E6	45.866	46.625
17)	MA 4,4'-DDT	6.377	7.344	54072676	361.6E6	44.987	49.218
18)	B Endrin al...	6.454	7.259	43220764	279.4E6	43.536	46.170
19)	B Endosulfa...	6.665	7.484	58263320	352.8E6	45.560	47.961
20)	A Methoxychlor	6.928	7.798	30369003	177.1E6	43.821	48.584
21)	B Endrin ke...	7.159	7.960	66669809	368.8E6	45.287	47.598
22)	Mirex	7.343	8.426	52004943	260.9E6	43.879	47.593

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040422\
Data File : PD068911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2022 12:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

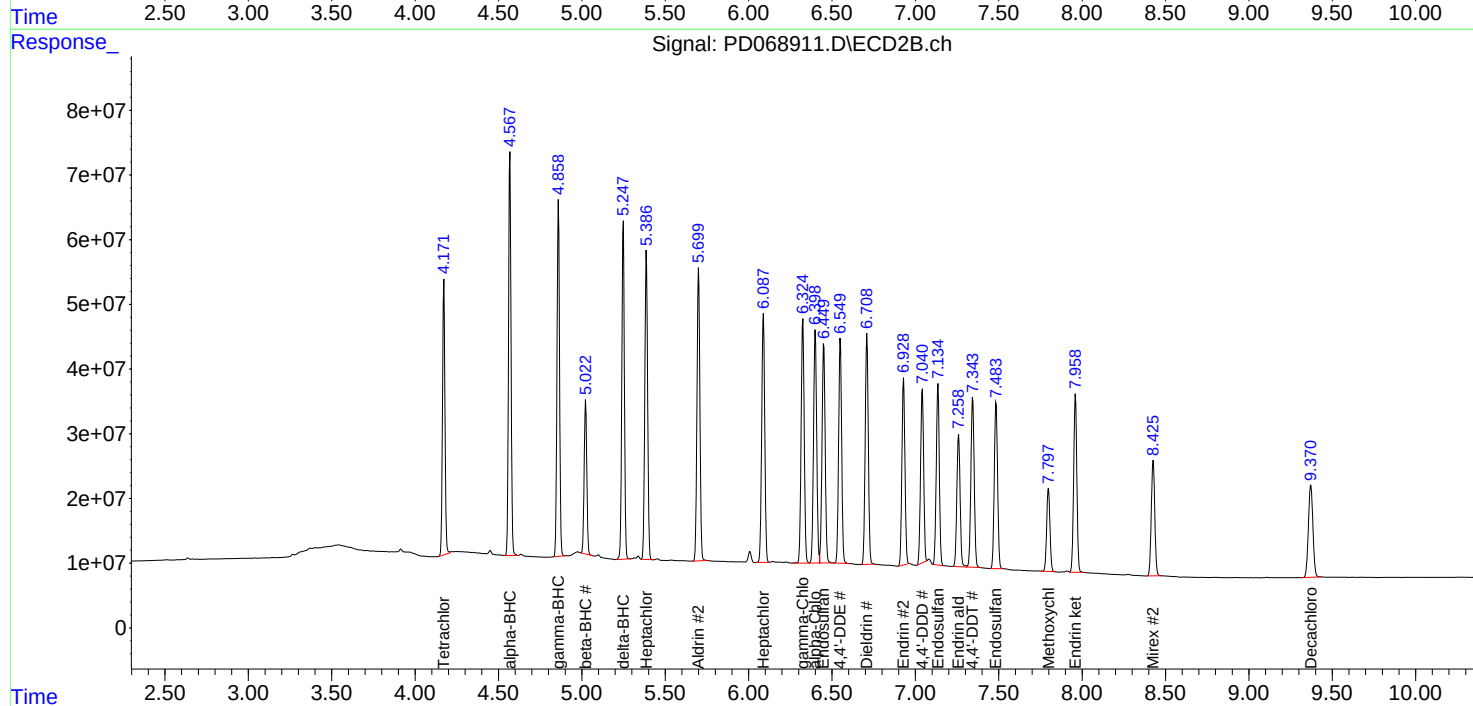
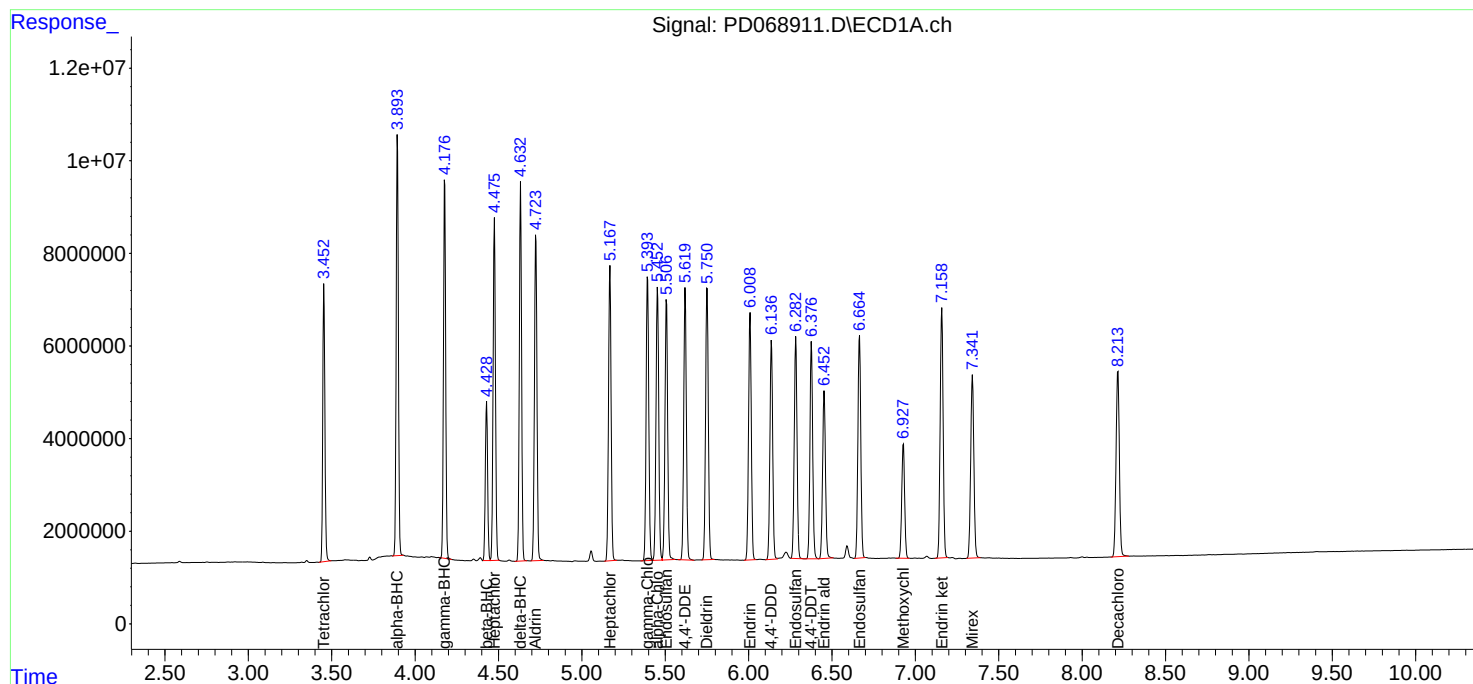
APPROVED

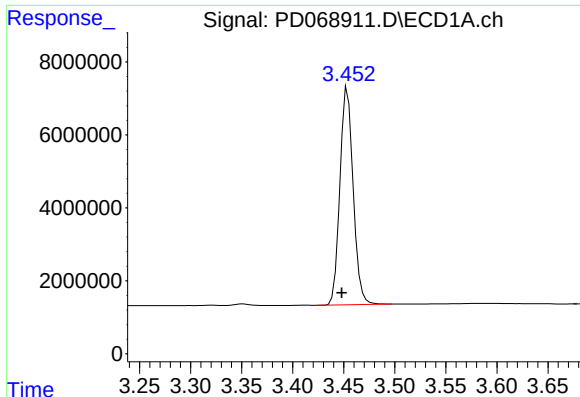
Reviewed By :Yogesh Patel 04/05/2022

Supervised By :mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 01:17:51 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





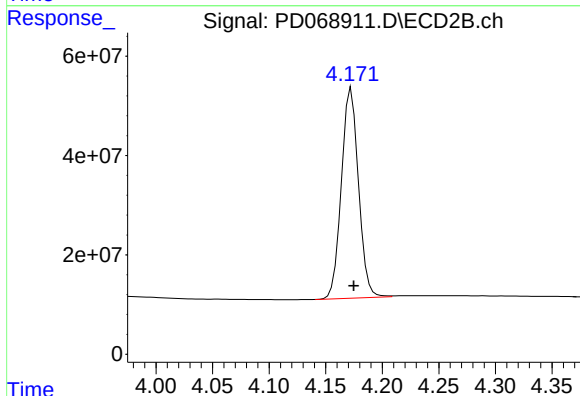
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.006 min
Response: 53818984
Conc: 44.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

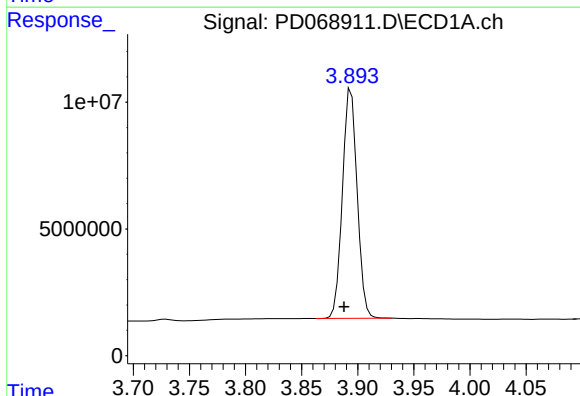
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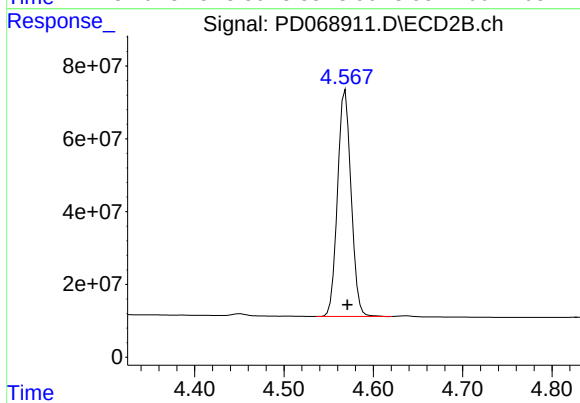
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 443673780
Conc: 46.41 ng/ml



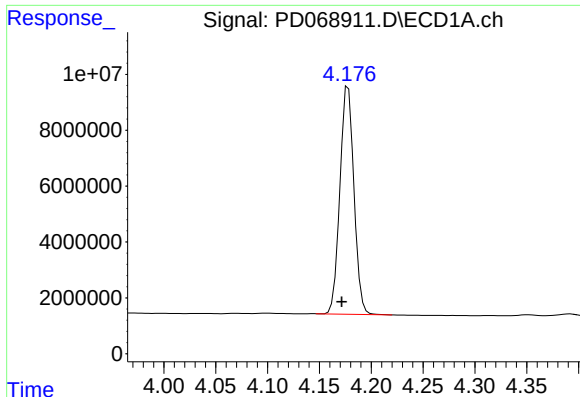
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.006 min
Response: 82806634
Conc: 45.73 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 656369609
Conc: 47.69 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: 0.006 min
Response: 76852328
Conc: 46.03 ng/ml

Instrument :

ECD_D

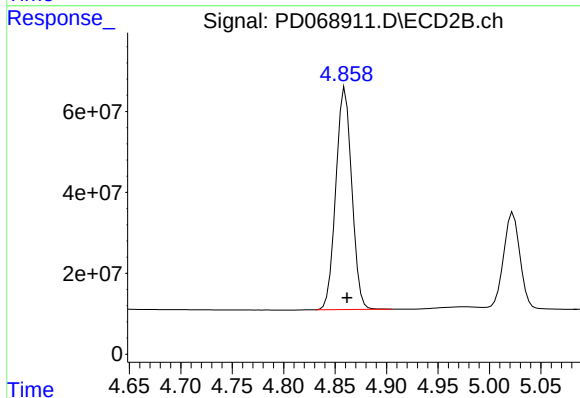
ClientSampleId :

PSTDCCC050

Manual Integrations

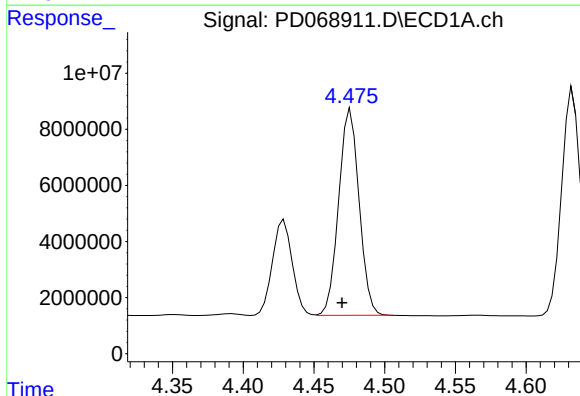
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Supervised By :mohammad ahmed 04/05/2022



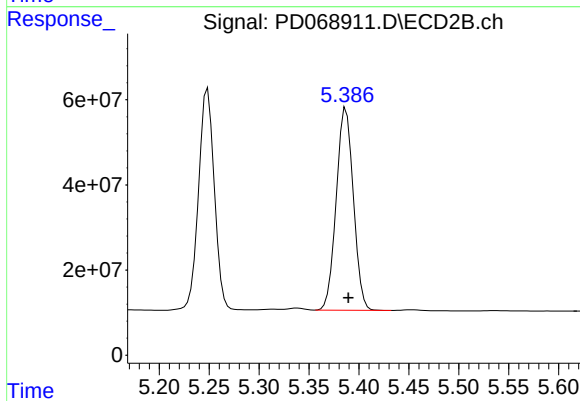
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 591339501
Conc: 47.30 ng/ml



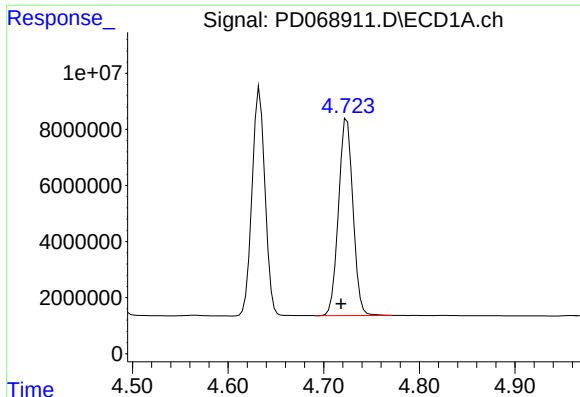
#4 Heptachlor

R.T.: 4.476 min
Delta R.T.: 0.006 min
Response: 74070421
Conc: 44.96 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 567347029
Conc: 47.74 ng/ml



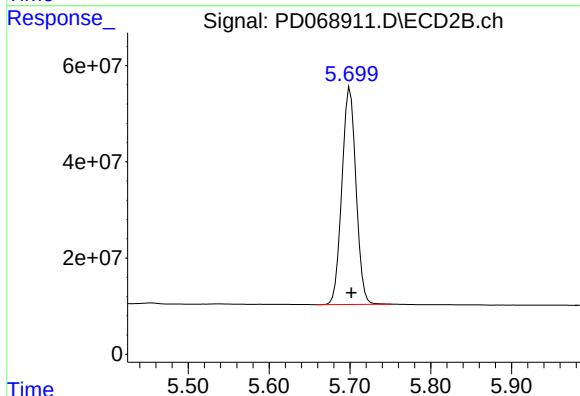
#5 Aldrin

R.T.: 4.724 min
Delta R.T.: 0.006 min
Response: 73734199
Conc: 46.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

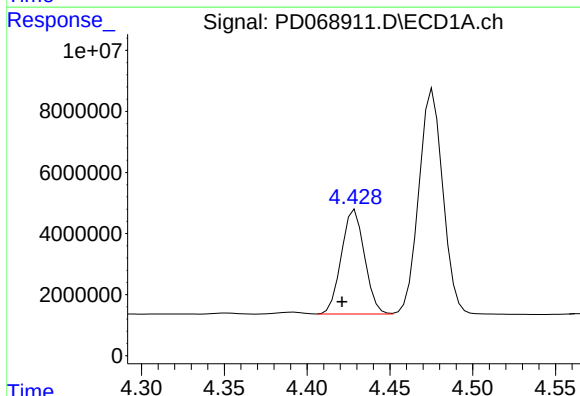
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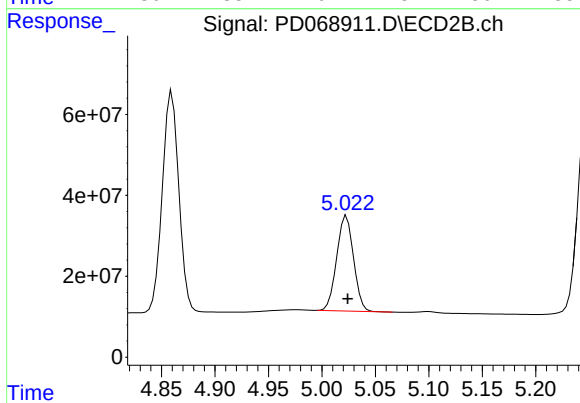
#5 Aldrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 546351463
Conc: 47.60 ng/ml



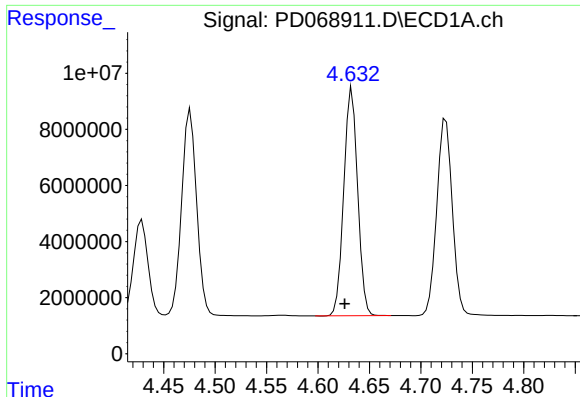
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.008 min
Response: 33250291
Conc: 44.66 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 258188630
Conc: 47.03 ng/ml



#7 delta-BHC

R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 76142474
Conc: 46.59 ng/ml

Instrument :

ECD_D

ClientSampleId :

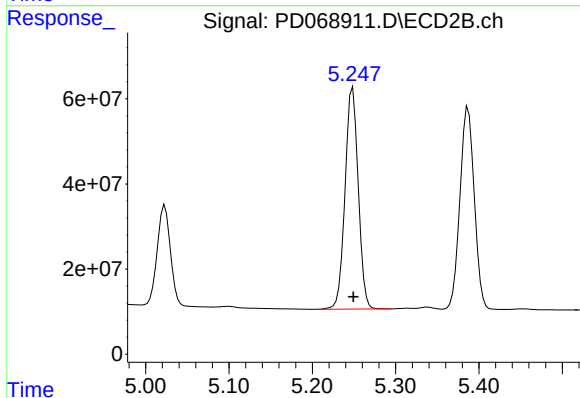
PSTDCCC050

Manual Integrations

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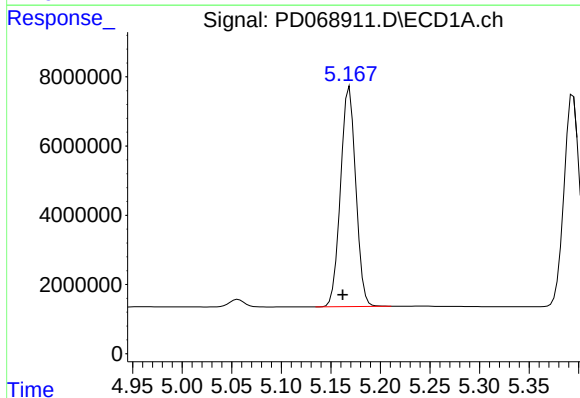
Reviewed By :Yogesh Patel 04/05/2022

Supervised By :mohammad ahmed 04/05/2022



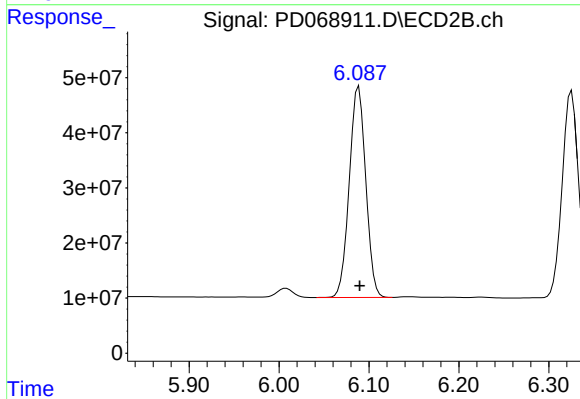
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 572265494
Conc: 47.59 ng/ml



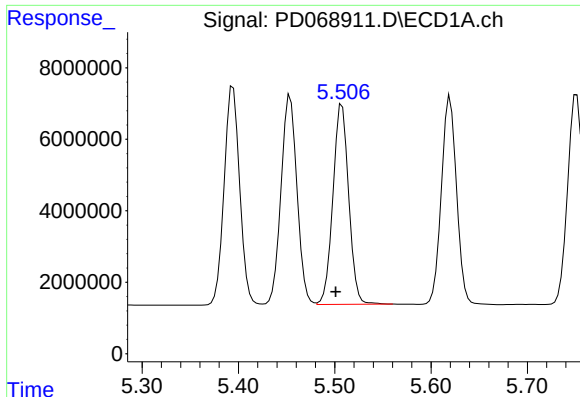
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.007 min
Response: 67910409
Conc: 45.41 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 487565472
Conc: 46.69 ng/ml



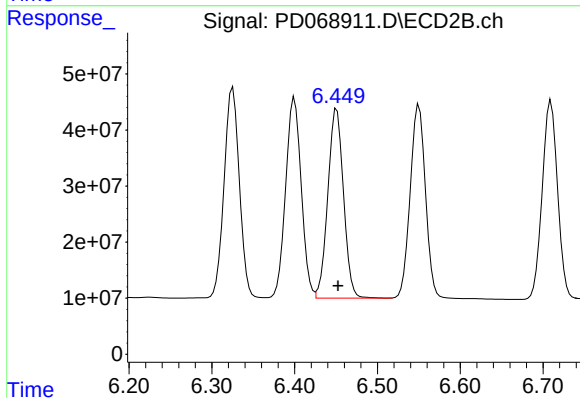
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: 0.007 min
Response: 63880752
Conc: 45.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

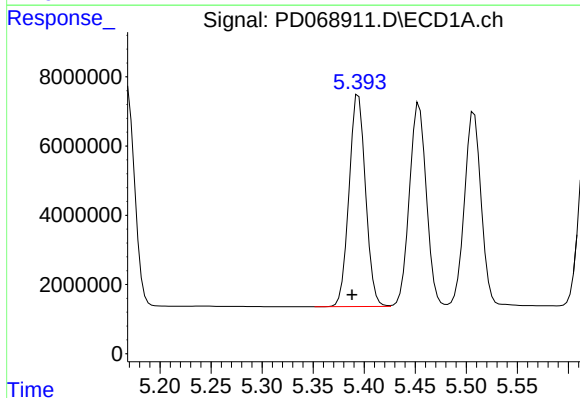
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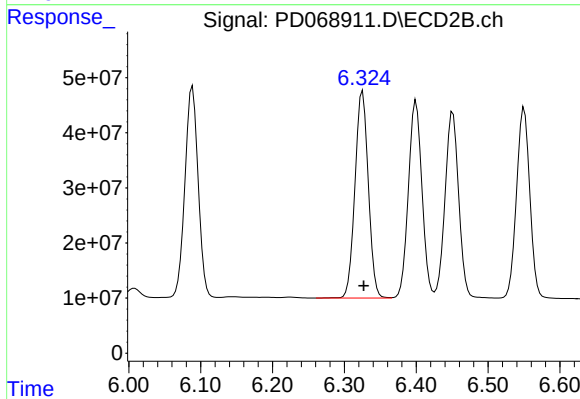
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 443893175
Conc: 47.33 ng/ml



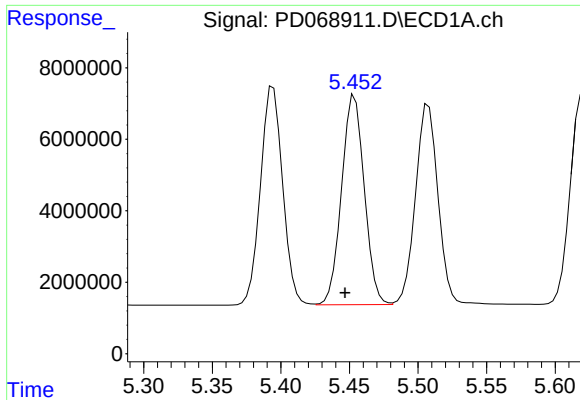
#10 gamma-Chlordane

R.T.: 5.394 min
Delta R.T.: 0.006 min
Response: 68770990
Conc: 45.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 482918423
Conc: 46.85 ng/ml



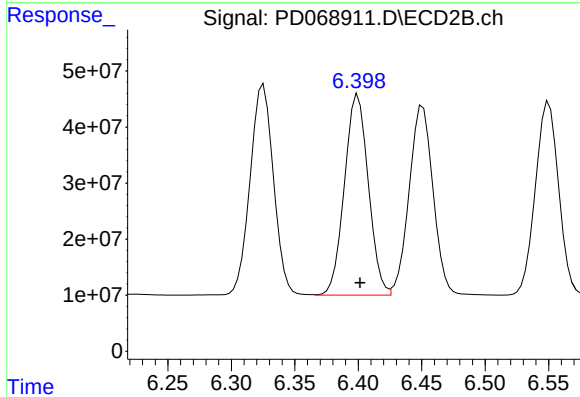
#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: 0.007 min
Response: 67612987
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

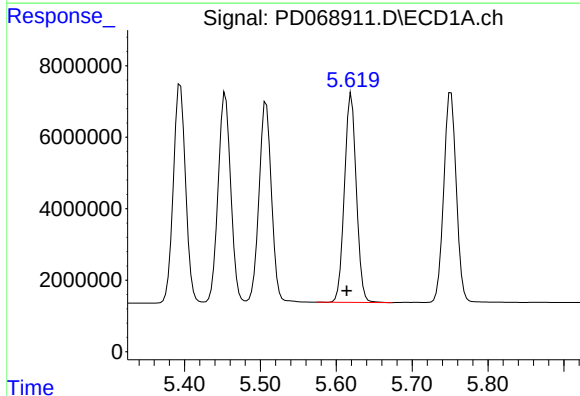
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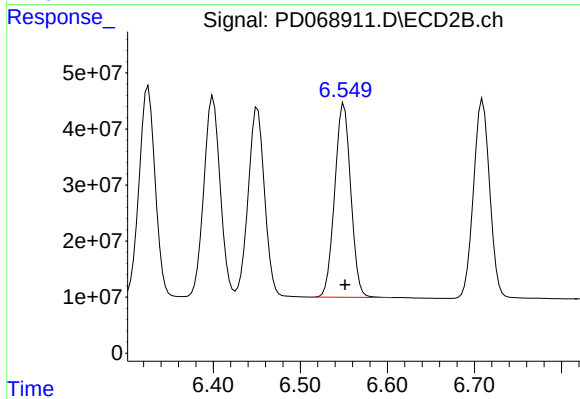
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 469029095
Conc: 47.11 ng/ml



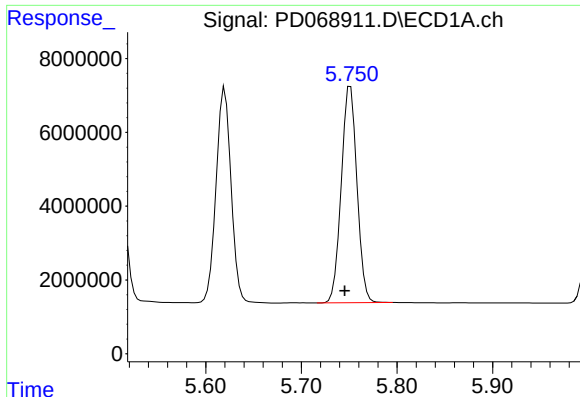
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 63607429
Conc: 46.49 ng/ml



#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 442895055
Conc: 47.79 ng/ml



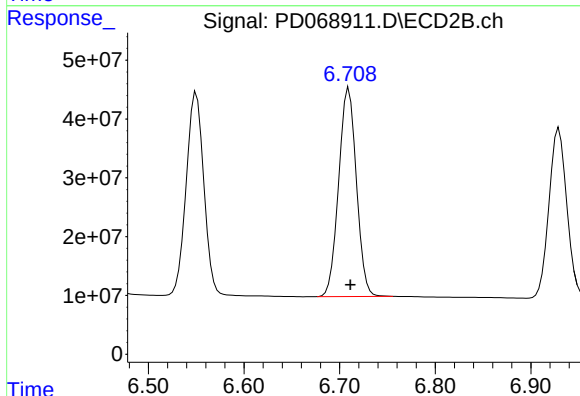
#13 Dieldrin

R.T.: 5.751 min
Delta R.T.: 0.006 min
Response: 67061640
Conc: 45.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

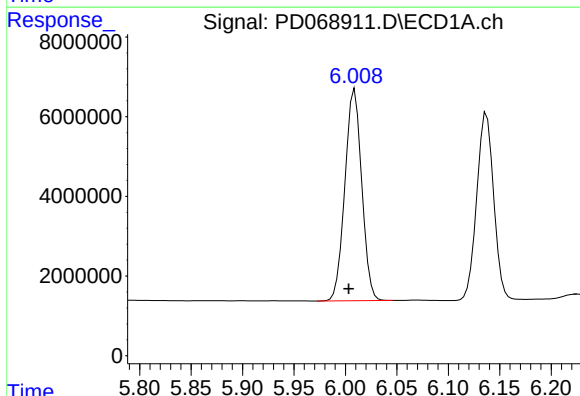
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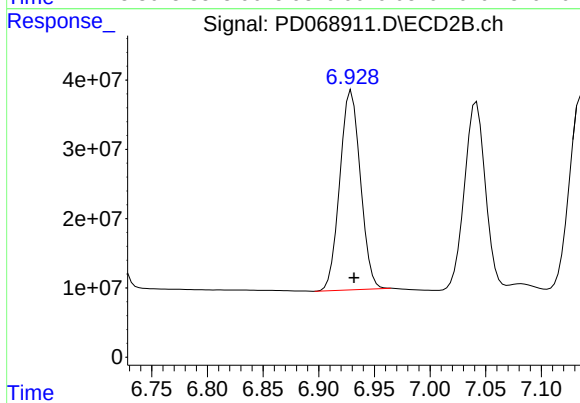
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 457820956
Conc: 47.13 ng/ml



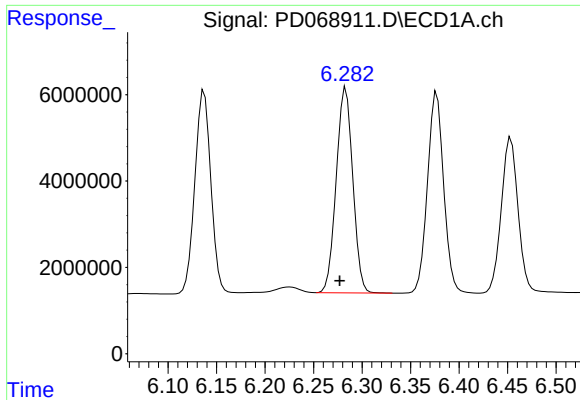
#14 Endrin

R.T.: 6.009 min
Delta R.T.: 0.006 min
Response: 60563409
Conc: 45.97 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 370752746
Conc: 47.92 ng/ml



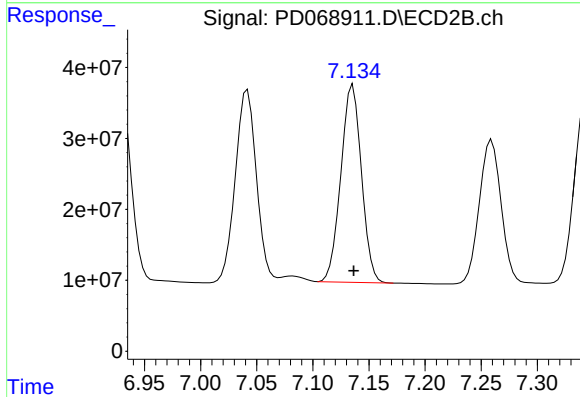
#15 Endosulfan II

R.T.: 6.283 min
Delta R.T.: 0.006 min
Response: 56318520
Conc: 45.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

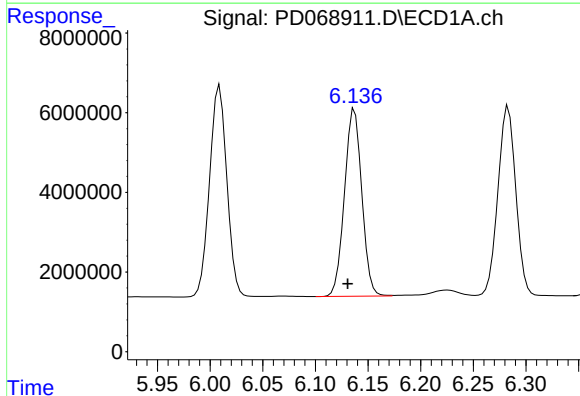
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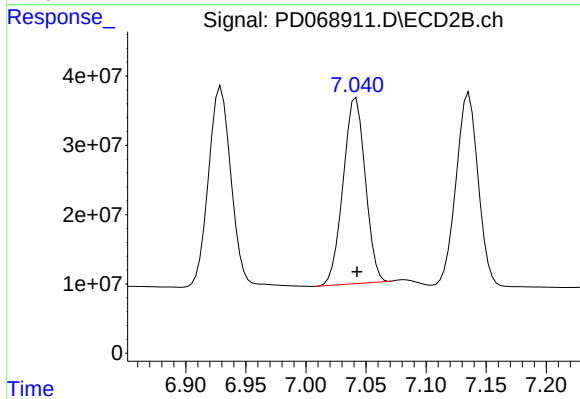
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 355672156
Conc: 47.06 ng/ml m



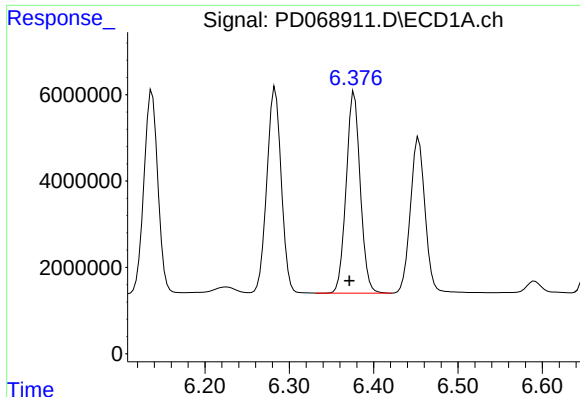
#16 4,4'-DDD

R.T.: 6.137 min
Delta R.T.: 0.006 min
Response: 54086361
Conc: 45.87 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 344336241
Conc: 46.62 ng/ml



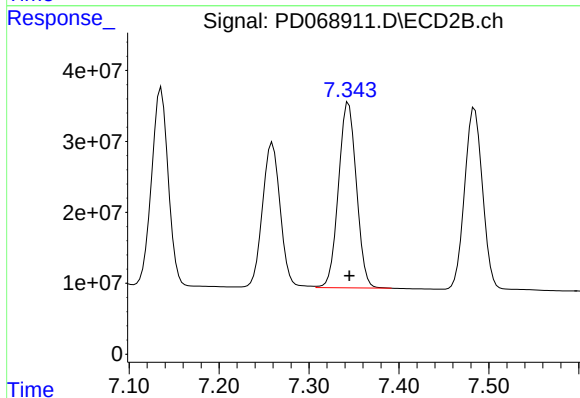
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: 0.006 min
Response: 54072676
Conc: 44.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

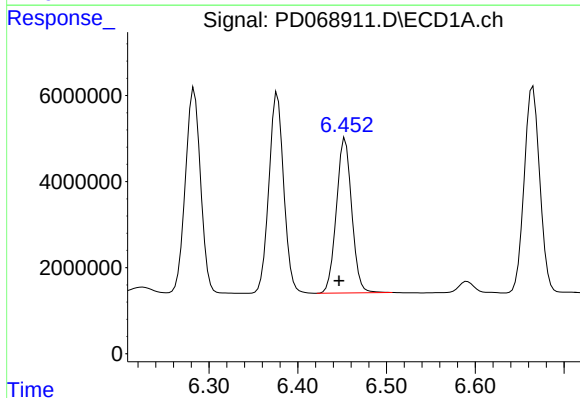
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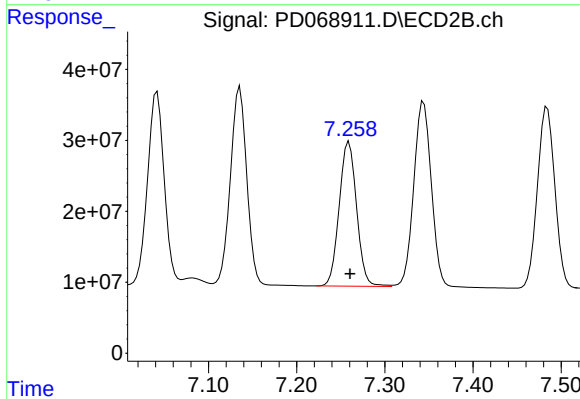
#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 361590260
Conc: 49.22 ng/ml



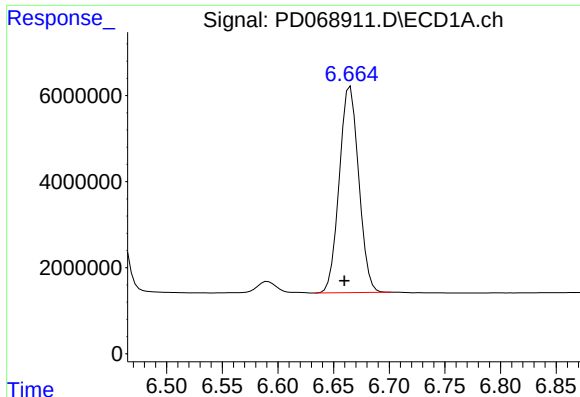
#18 Endrin aldehyde

R.T.: 6.454 min
Delta R.T.: 0.007 min
Response: 43220764
Conc: 43.54 ng/ml



#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 279408064
Conc: 46.17 ng/ml



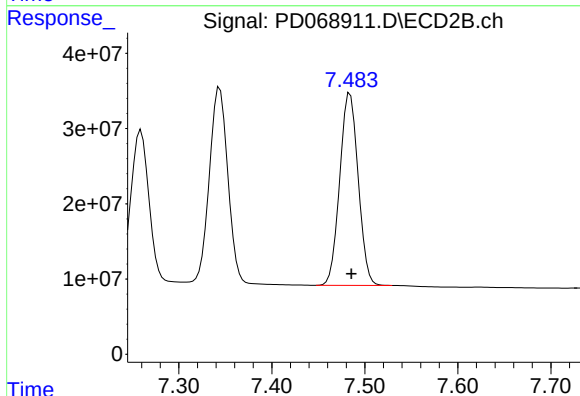
#19 Endosulfan Sulfate

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 58263320
Conc: 45.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

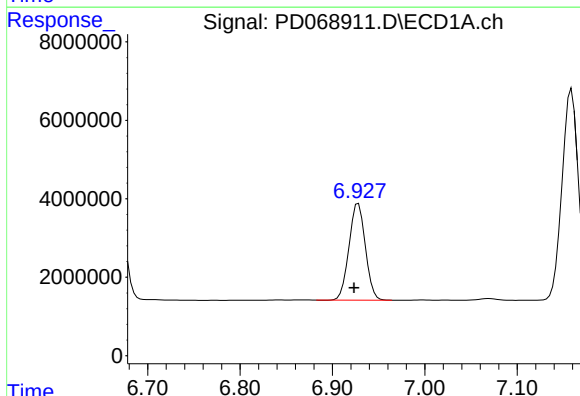
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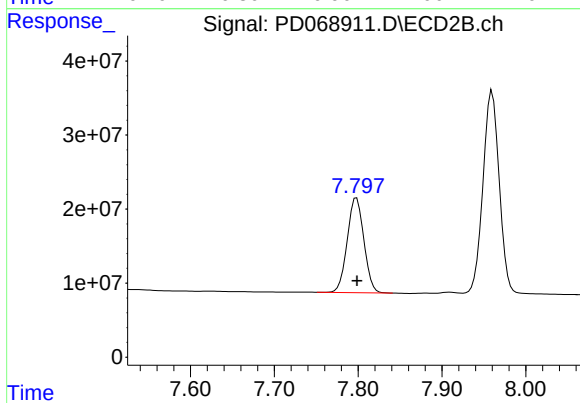
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: -0.001 min
Response: 352755807
Conc: 47.96 ng/ml



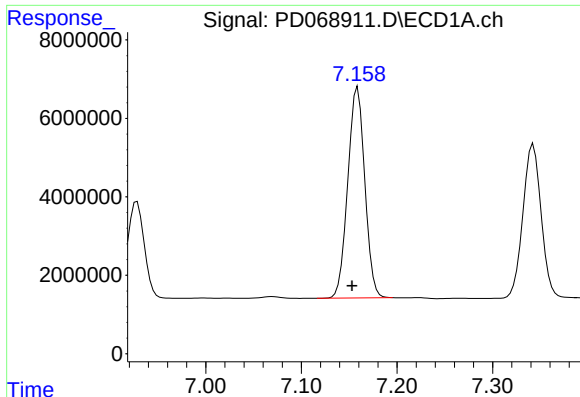
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.005 min
Response: 30369003
Conc: 43.82 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 177103965
Conc: 48.58 ng/ml



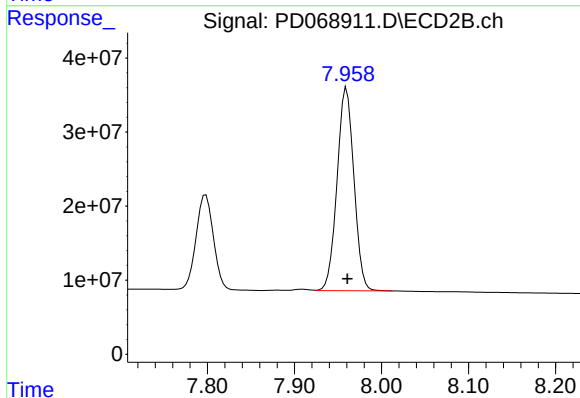
#21 Endrin ketone

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 66669809
Conc: 45.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

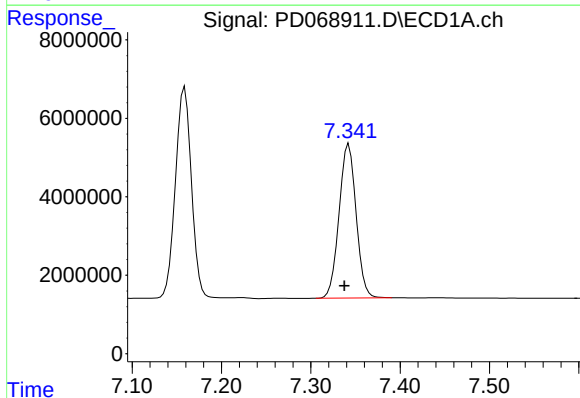
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Reviewed By :Yogesh Patel 04/05/2022
Supervised By :mohammad ahmed 04/05/2022



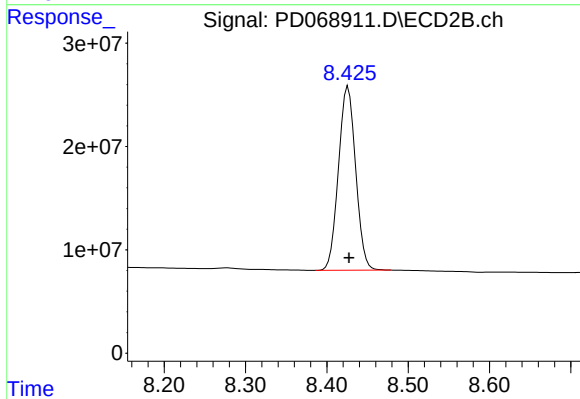
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 368824768
Conc: 47.60 ng/ml



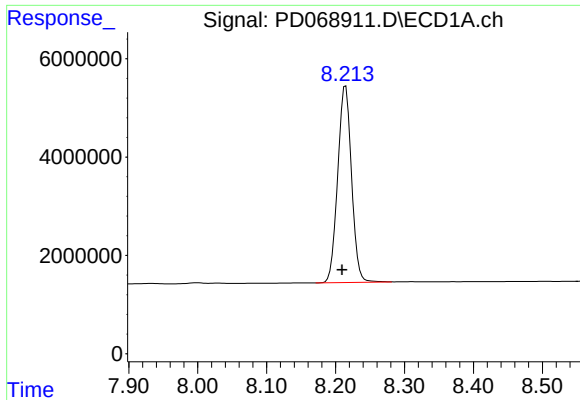
#22 Mirex

R.T.: 7.343 min
Delta R.T.: 0.005 min
Response: 52004943
Conc: 43.88 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 260876531
Conc: 47.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.215 min
Delta R.T.: 0.005 min
Response: 55696692
Conc: 44.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

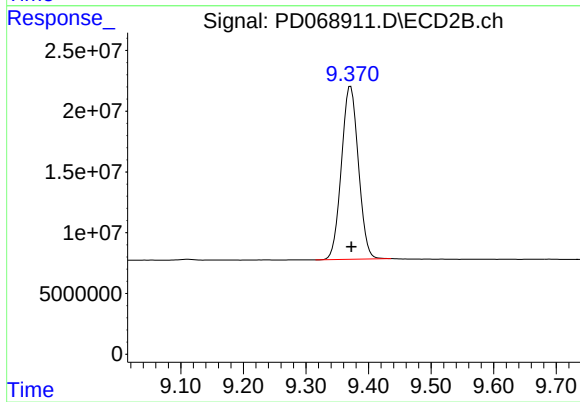
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/05/2022

Supervised By :mohammad ahmed 04/05/2022



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 269064452
Conc: 47.48 ng/ml