

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 19:25
 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 02:51:00 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...	3.446	4.173	59338687	492.6E6	48.872	51.528
28) SA Decachlor...	8.204	9.369	60470484	296.1E6	47.864	52.253
Target Compounds						
2) A alpha-BHC	3.885	4.568	90331829	722.6E6	49.891	52.501
3) MA gamma-BHC...	4.167	4.860	84881852	652.0E6	50.835m	52.151
4) MA Heptachlor	4.467	5.387	76219330	592.7E6	46.264	49.876
5) MB Aldrin	4.714	5.699	79048040	602.7E6	49.463	52.503
6) B beta-BHC	4.419	5.022	36279890	284.4E6	48.727	51.812
7) B delta-BHC	4.623	5.248	82204538	633.7E6	50.302	52.692
8) B Heptachlo...	5.159	6.087	73094738	545.2E6	48.877	52.205
9) A Endosulfan I	5.497	6.450	68832647	489.5E6	49.192	52.199
10) B gamma-Chl...	5.384	6.325	74285895	534.6E6	48.971	51.871
11) B alpha-Chl...	5.443	6.399	73051878	517.8E6	48.876	52.005
12) B 4,4'-DDE	5.609	6.549	68426413	489.8E6	50.017	52.857
13) MA Dieldrin	5.741	6.709	71146226	507.6E6	48.726	52.264
14) MA Endrin	5.999	6.929	59029098	370.3E6	44.810	47.861
15) B Endosulfa...	6.273	7.134	61224720	395.4E6	49.123	52.315
16) A 4,4'-DDD	6.127	7.040	60095977	406.7E6	50.962	55.075
17) MA 4,4'-DDT	6.367	7.343	53530760	370.4E6	44.536	50.418
18) B Endrin al...	6.443	7.258	48471451	319.8E6	48.825	52.839
19) B Endosulfa...	6.655	7.483	63168706	387.7E6	49.396	52.712
20) A Methoxychlor	6.918	7.796	30236860	181.9E6	43.630	49.897
21) B Endrin ke...	7.148	7.958	76217831	425.2E6	51.773	54.871
22) Mirex	7.331	8.425	56639218	290.5E6	47.790m	52.996

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
Data File : PD068866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2022 19:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

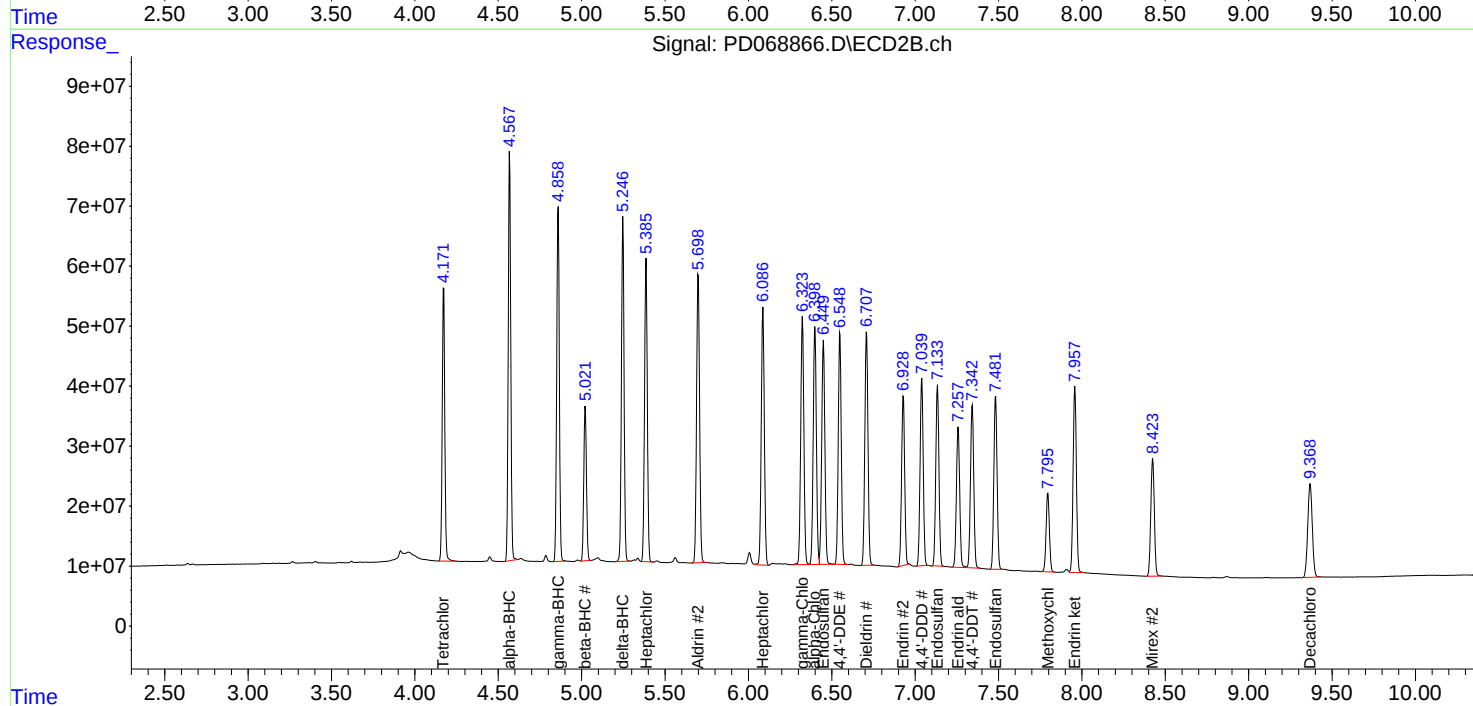
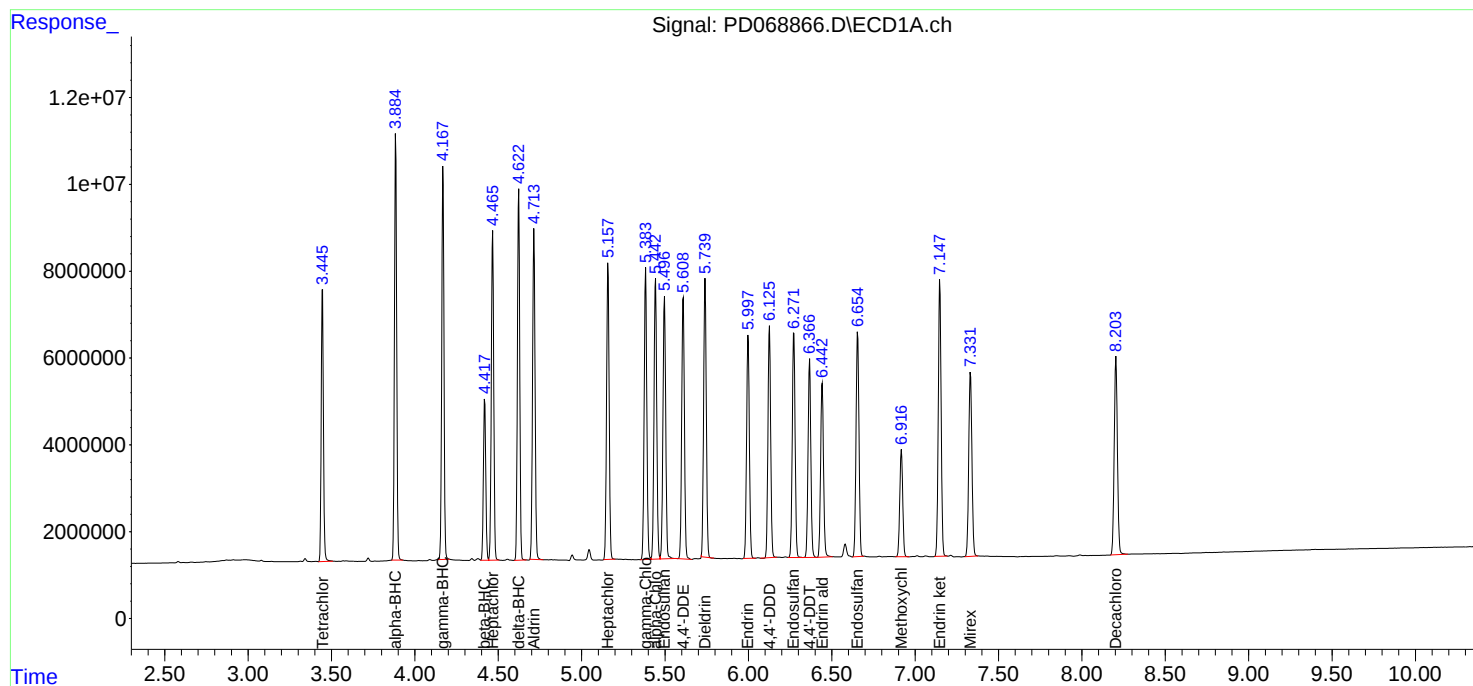
APPROVED

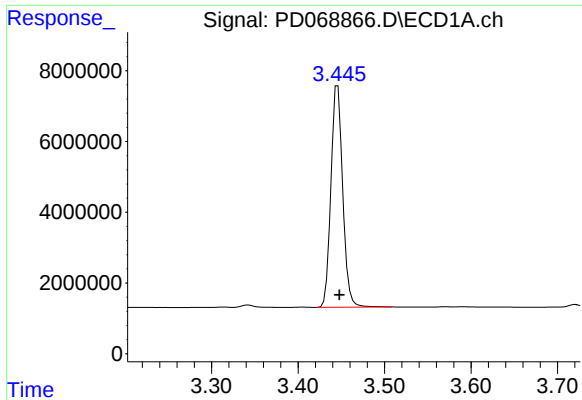
Reviewed By :Abdul Mirza 03/31/2022

Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 02:51:00 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





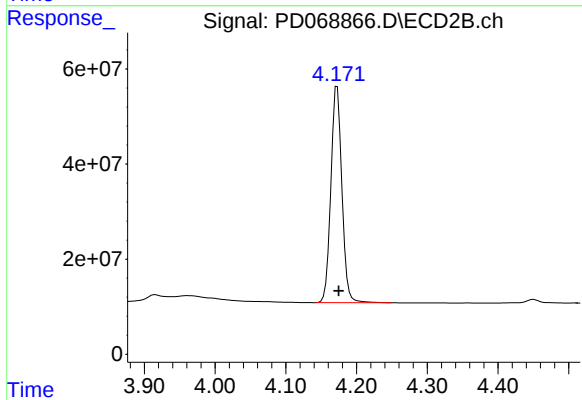
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 59338687
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

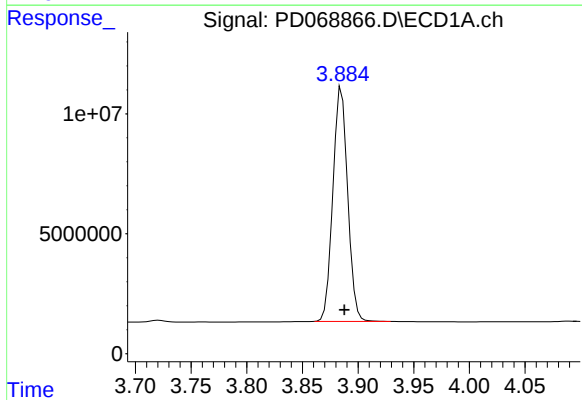
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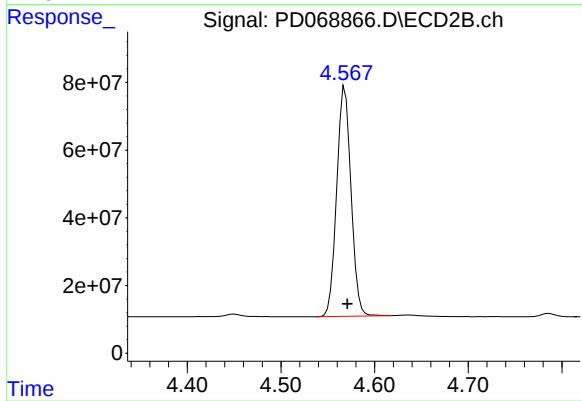
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 492643189
Conc: 51.53 ng/ml



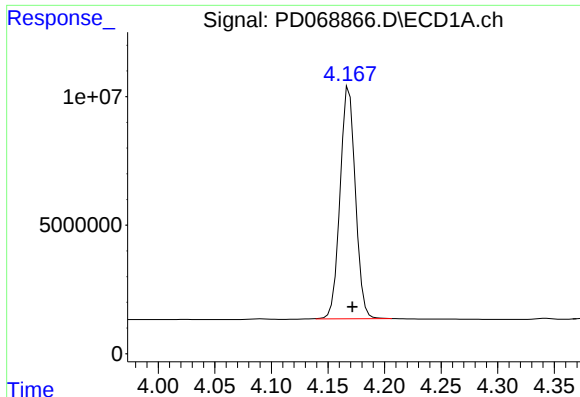
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 90331829
Conc: 49.89 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 722565390
Conc: 52.50 ng/ml



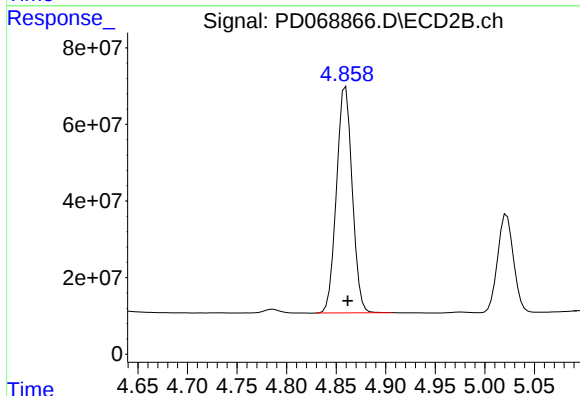
#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: -0.004 min
Response: 84881852
Conc: 50.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

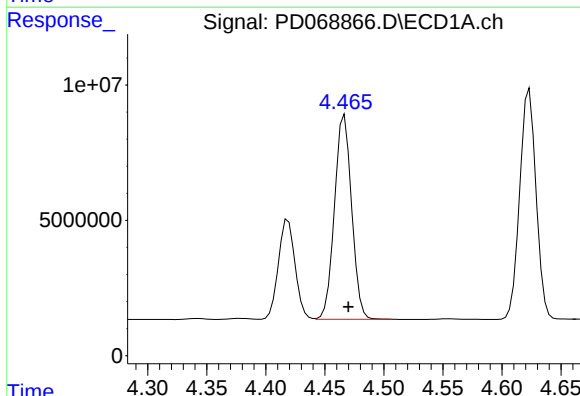
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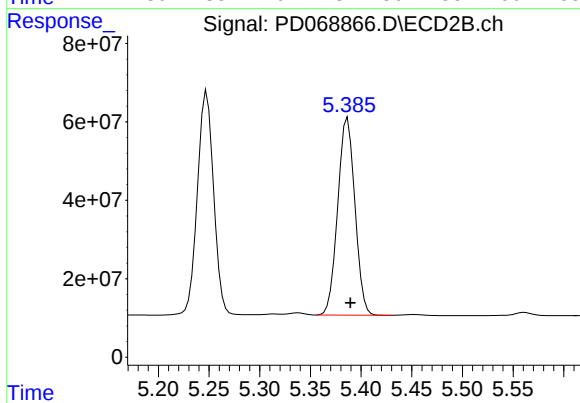
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 652047620
Conc: 52.15 ng/ml



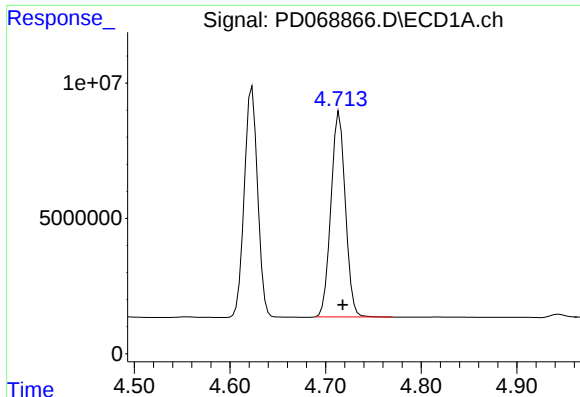
#4 Heptachlor

R.T.: 4.467 min
Delta R.T.: -0.003 min
Response: 76219330
Conc: 46.26 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.003 min
Response: 592741627
Conc: 49.88 ng/ml



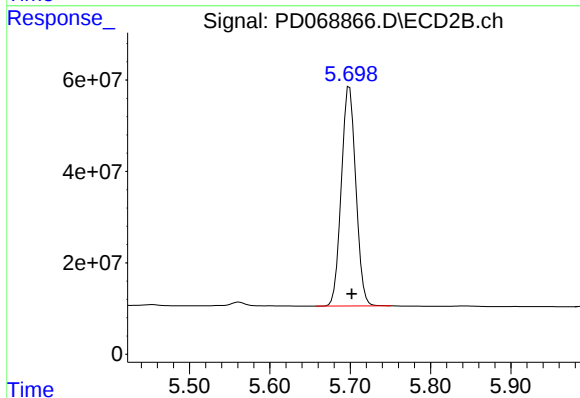
#5 Aldrin

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 79048040
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

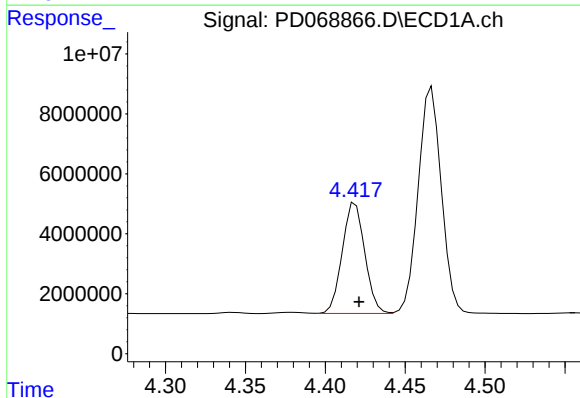
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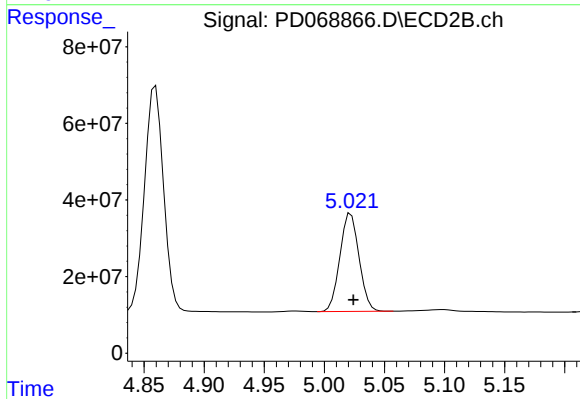
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 602668523
Conc: 52.50 ng/ml



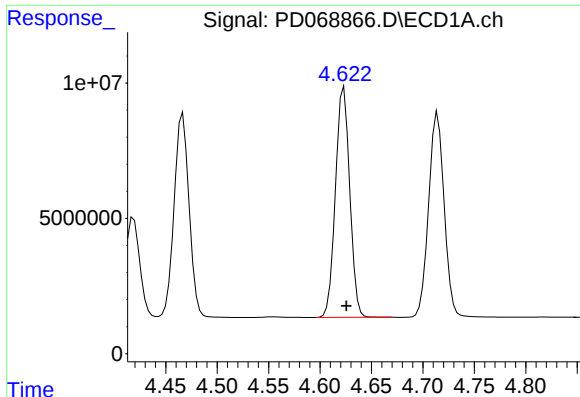
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 36279890
Conc: 48.73 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 284444486
Conc: 51.81 ng/ml



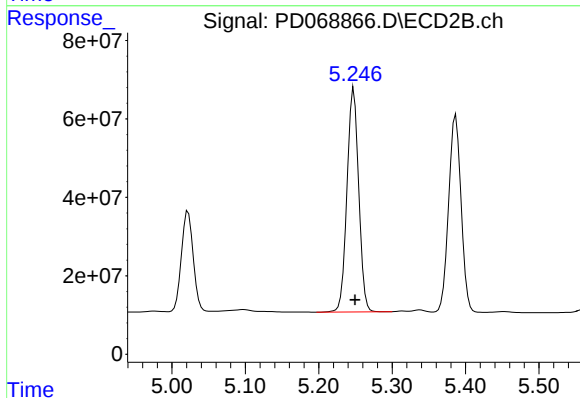
#7 delta-BHC

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 82204538
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

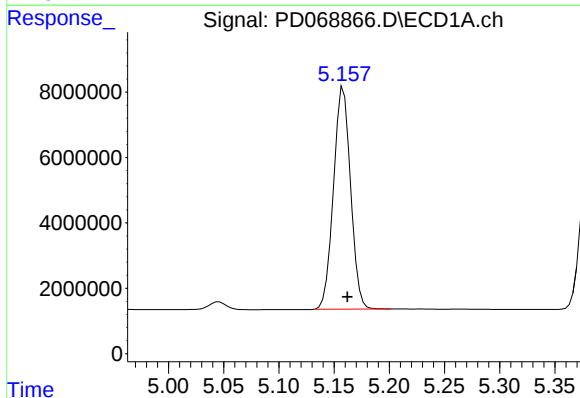
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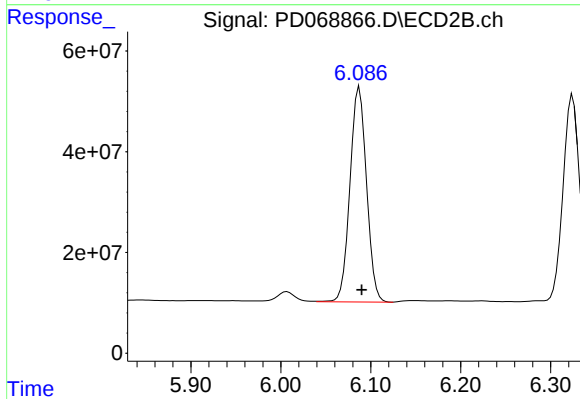
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 633663653
Conc: 52.69 ng/ml



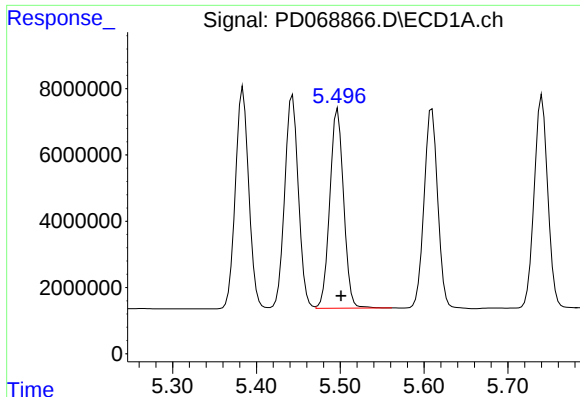
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 73094738
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 545166341
Conc: 52.21 ng/ml



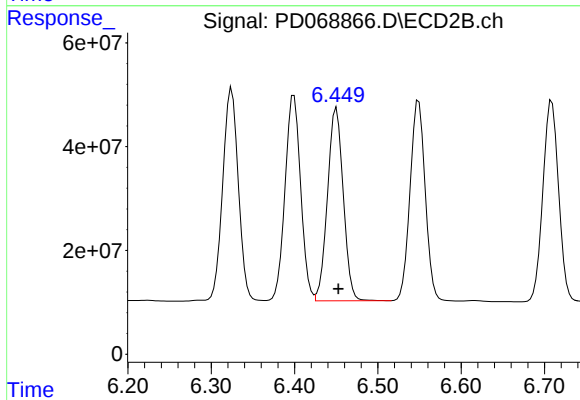
#9 Endosulfan I

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 68832647
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

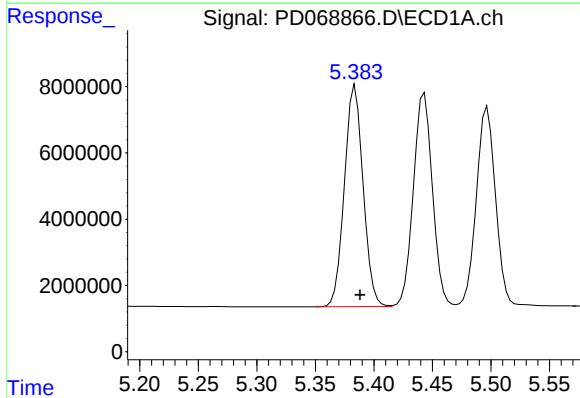
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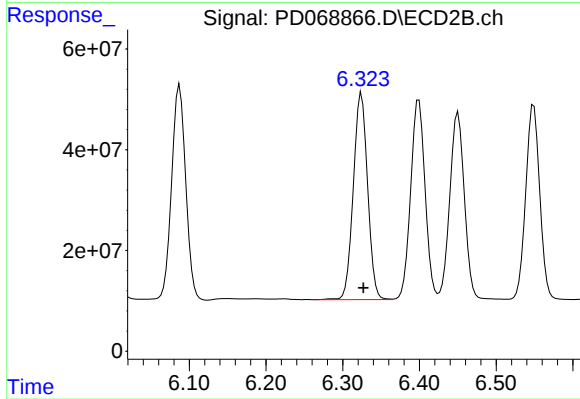
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 489535663
Conc: 52.20 ng/ml



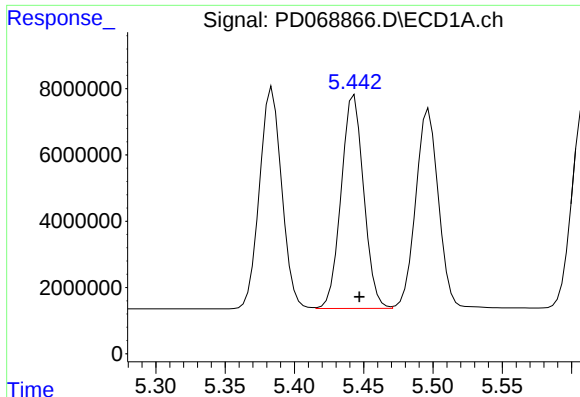
#10 gamma-Chlordane

R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 74285895
Conc: 48.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 534643168
Conc: 51.87 ng/ml



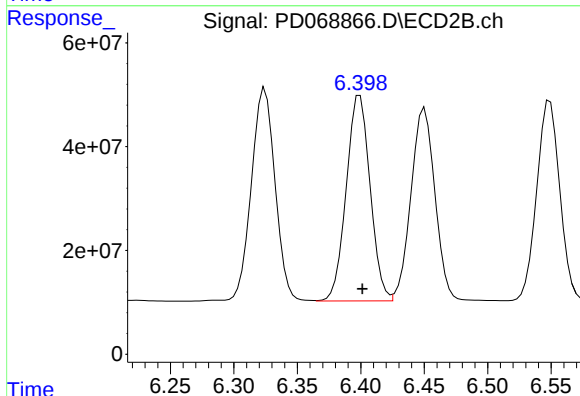
#11 alpha-Chlordane

R.T.: 5.443 min
Delta R.T.: -0.004 min
Response: 73051878
Conc: 48.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

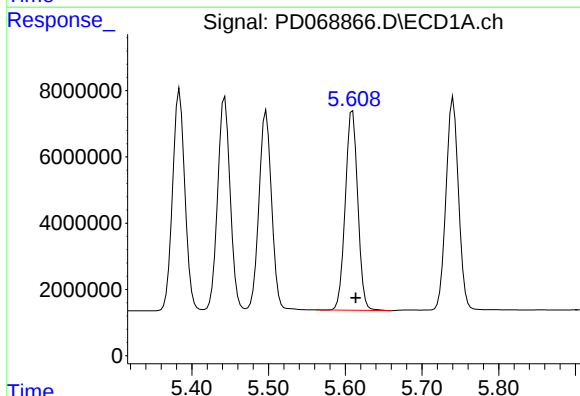
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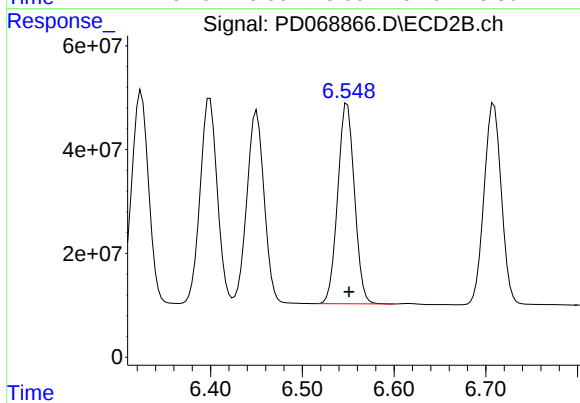
#11 alpha-Chlordane

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 517768284
Conc: 52.00 ng/ml



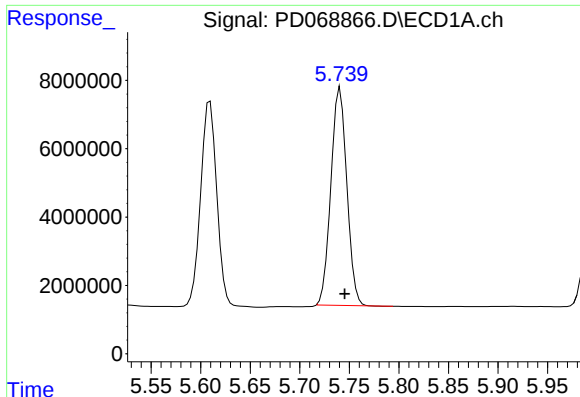
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 68426413
Conc: 50.02 ng/ml



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 489819141
Conc: 52.86 ng/ml



#13 Dieldrin

R.T.: 5.741 min
Delta R.T.: -0.005 min
Response: 71146226
Conc: 48.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

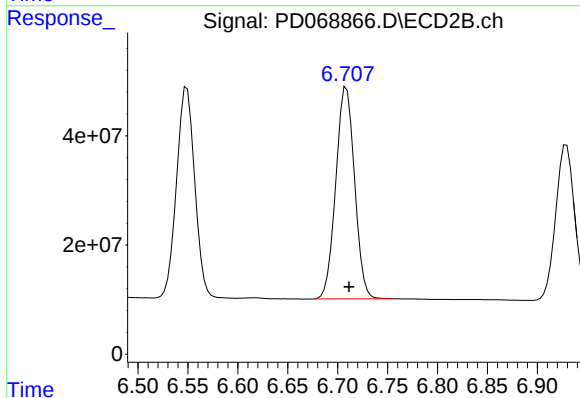
PSTDCCC050

Manual Integrations

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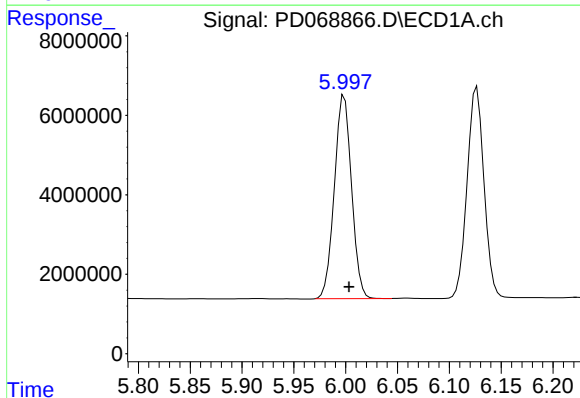
Reviewed By :Abdul Mirza 03/31/2022

Supervised By :mohammad ahmed 04/01/2022



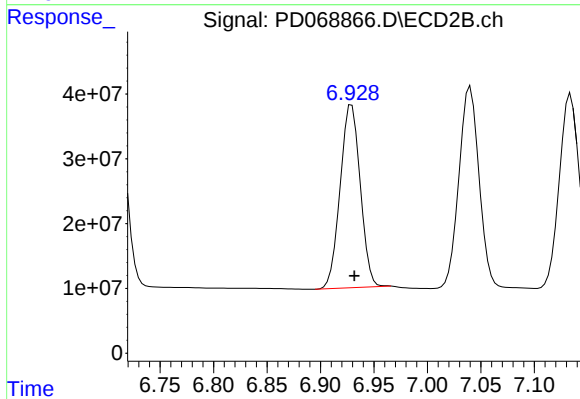
#13 Dieldrin

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 507644274
Conc: 52.26 ng/ml



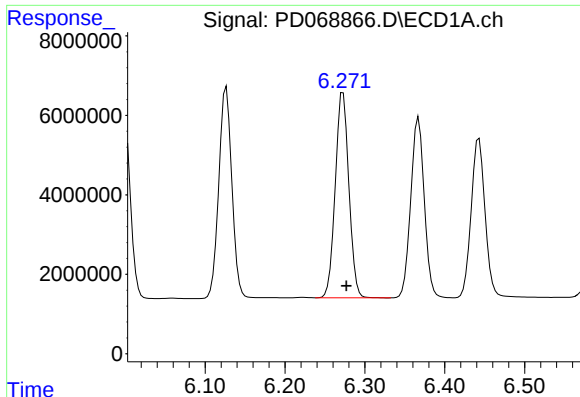
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 59029098
Conc: 44.81 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 370325867
Conc: 47.86 ng/ml



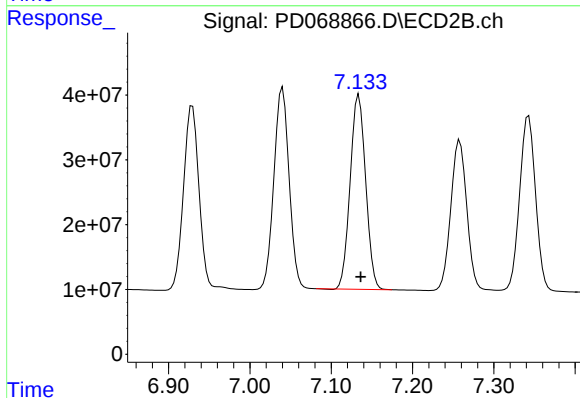
#15 Endosulfan II

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 61224720
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

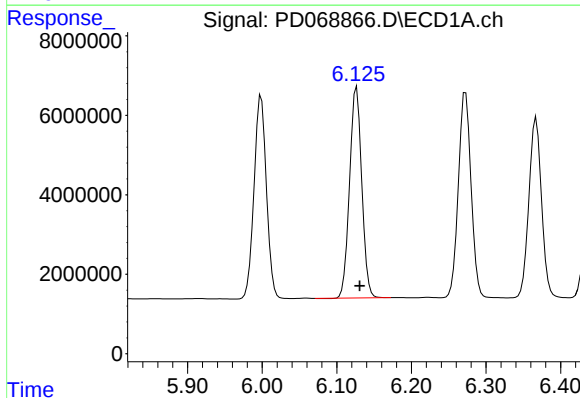
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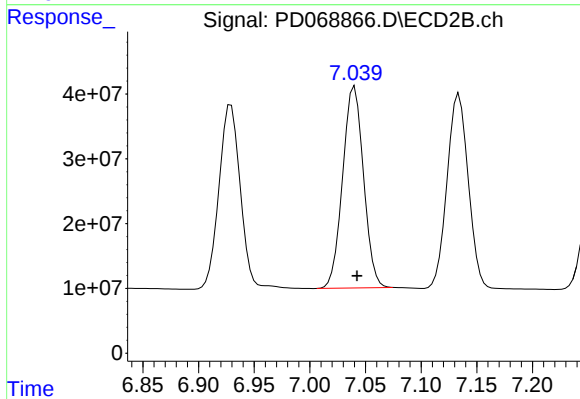
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 395428086
Conc: 52.32 ng/ml



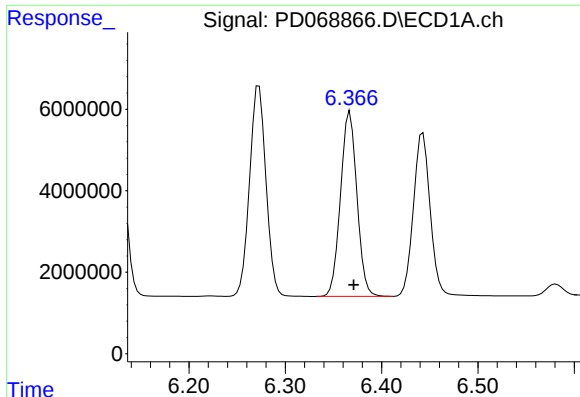
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 60095977
Conc: 50.96 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 406748017
Conc: 55.08 ng/ml



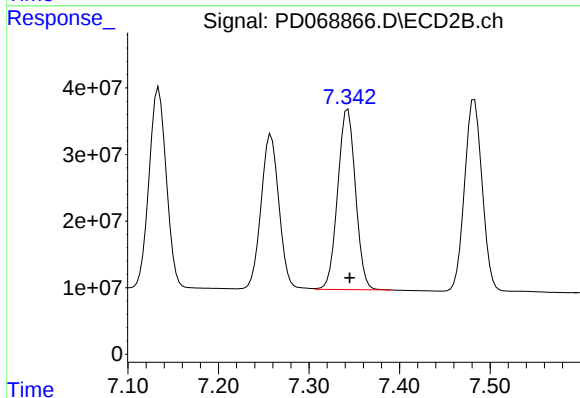
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 53530760
Conc: 44.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

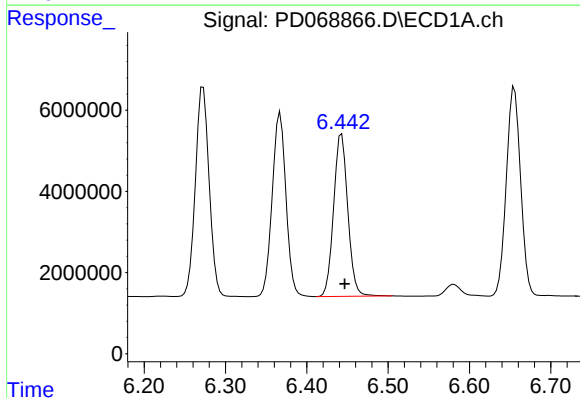
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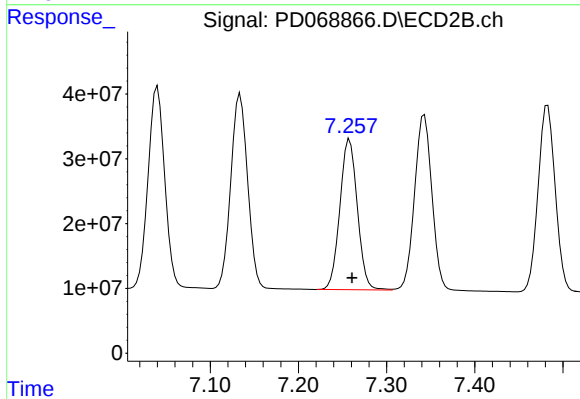
#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: -0.002 min
Response: 370407499
Conc: 50.42 ng/ml



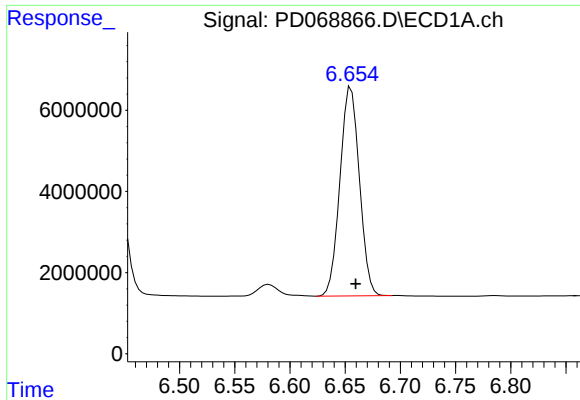
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 48471451
Conc: 48.83 ng/ml



#18 Endrin aldehyde

R.T.: 7.258 min
Delta R.T.: -0.003 min
Response: 319767550
Conc: 52.84 ng/ml



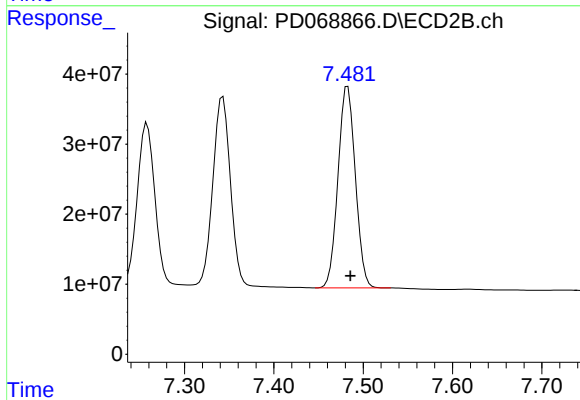
#19 Endosulfan Sulfate

R.T.: 6.655 min
Delta R.T.: -0.004 min
Response: 63168706
Conc: 49.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

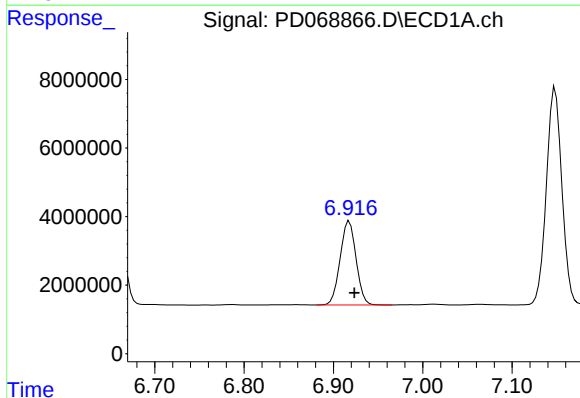
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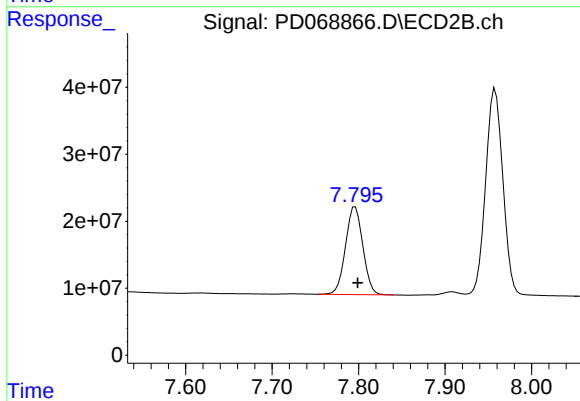
#19 Endosulfan Sulfate

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 387702347
Conc: 52.71 ng/ml



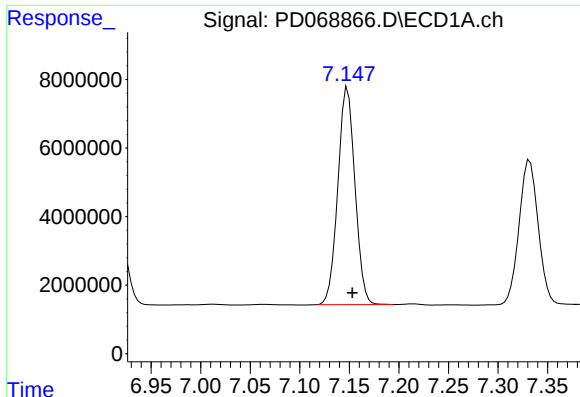
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 30236860
Conc: 43.63 ng/ml



#20 Methoxychlor

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 181888079
Conc: 49.90 ng/ml



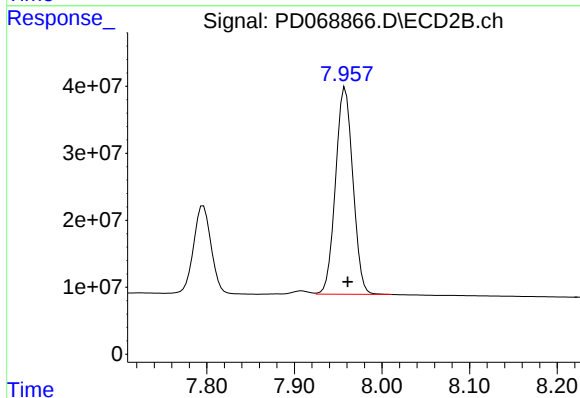
#21 Endrin ketone

R.T.: 7.148 min
Delta R.T.: -0.005 min
Response: 76217831
Conc: 51.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

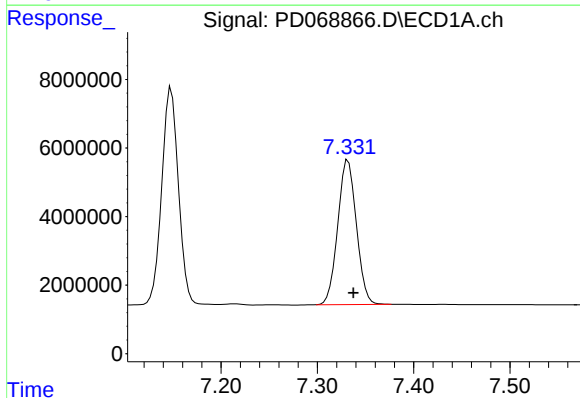
Manual Integrations
APPROVED

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



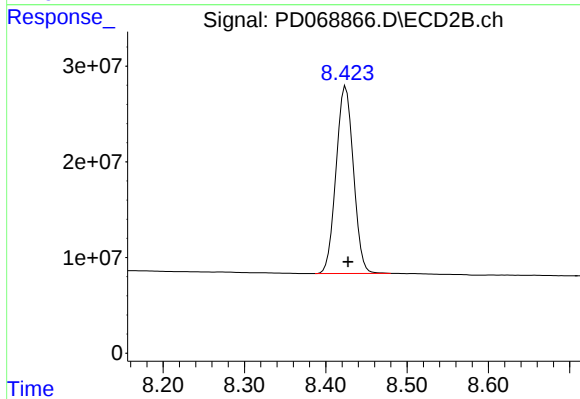
#21 Endrin ketone

R.T.: 7.958 min
Delta R.T.: -0.003 min
Response: 425180813
Conc: 54.87 ng/ml



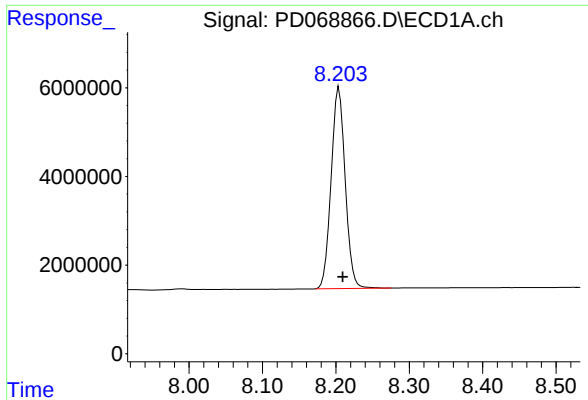
#22 Mirex

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 56639218
Conc: 47.79 ng/ml m



#22 Mirex

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 290492164
Conc: 53.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 60470484
Conc: 47.86 ng/ml

Instrument :

ECD_D

ClientSampleId :

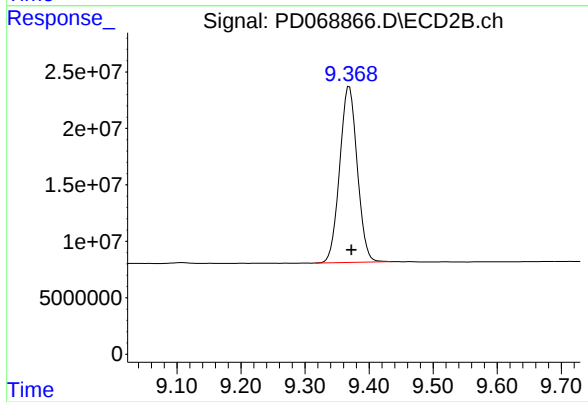
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 296102964
Conc: 52.25 ng/ml