

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032622\
 Data File : PD068788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2022 20:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:10:10 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...	3.448	4.175	64986660	540.1E6	53.523	56.487
28)	SA Decachlor...	8.209	9.375	67955457	317.3E6	53.789	55.995
Target Compounds							
2)	A alpha-BHC	3.888	4.571	100.6E6	797.3E6	55.544	57.929
3)	MA gamma-BHC...	4.171	4.862	91525657	712.6E6	54.813	56.997
4)	MA Heptachlor	4.470	5.389	74154139	570.5E6	45.011	48.004
5)	MB Aldrin	4.717	5.703	87944381	647.5E6	55.030	56.406
6)	B beta-BHC	4.421	5.025	39678204	306.8E6	53.291	55.882
7)	B delta-BHC	4.626	5.251	91724202	689.9E6	56.127	57.368
8)	B Heptachlo...	5.162	6.091	81593852	588.4E6	54.560	56.344
9)	A Endosulfan I	5.501	6.454	76291339	528.7E6	54.523	56.375
10)	B gamma-Chl...	5.388	6.328	83080768	584.0E6	54.769	56.655
11)	B alpha-Chl...	5.447	6.403	81131855	558.0E6	54.282	56.042
12)	B 4,4'-DDE	5.613	6.552	77381651	530.2E6	56.563	57.211
13)	MA Dieldrin	5.745	6.713	80452846	547.6E6	55.100	56.380
14)	MA Endrin	6.004	6.933	72019861	418.8E6	54.672	54.130
15)	B Endosulfa...	6.277	7.138	69374444	424.5E6	55.662	56.155
16)	A 4,4'-DDD	6.129	7.044	65925501	423.7E6	55.905m	57.377
17)	MA 4,4'-DDT	6.371	7.347	57887060	379.6E6	48.160	51.672
18)	B Endrin al...	6.447	7.262	52310986	329.0E6	52.693	54.370
19)	B Endosulfa...	6.660	7.486	69382402	413.4E6	54.255	56.205
20)	A Methoxychlor	6.923	7.800	29174835	168.6E6	42.098	46.265
21)	B Endrin ke...	7.154	7.962	80218850	430.8E6	54.491	55.591
22)	Mirex	7.337	8.429	61872403	303.6E6	52.205	55.383

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032622\
 Data File : PD068788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2022 20:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

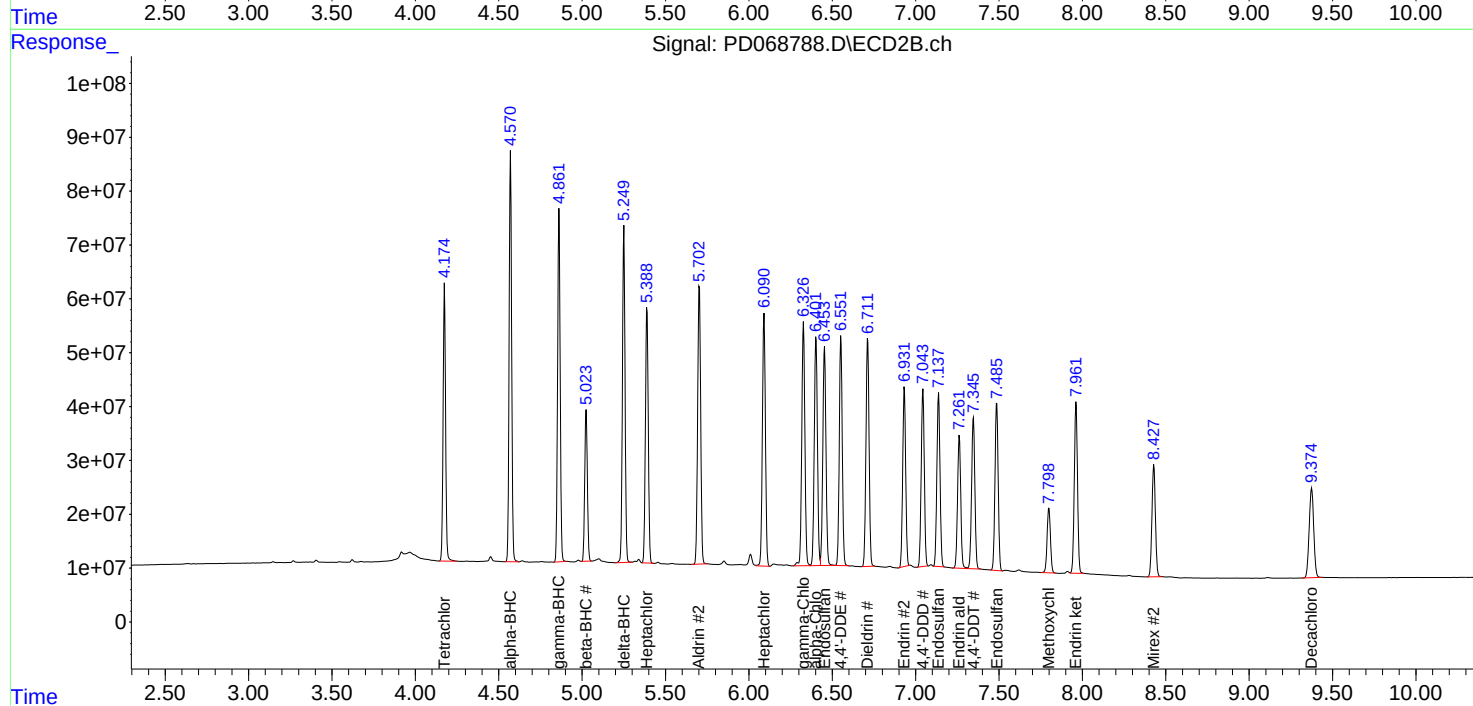
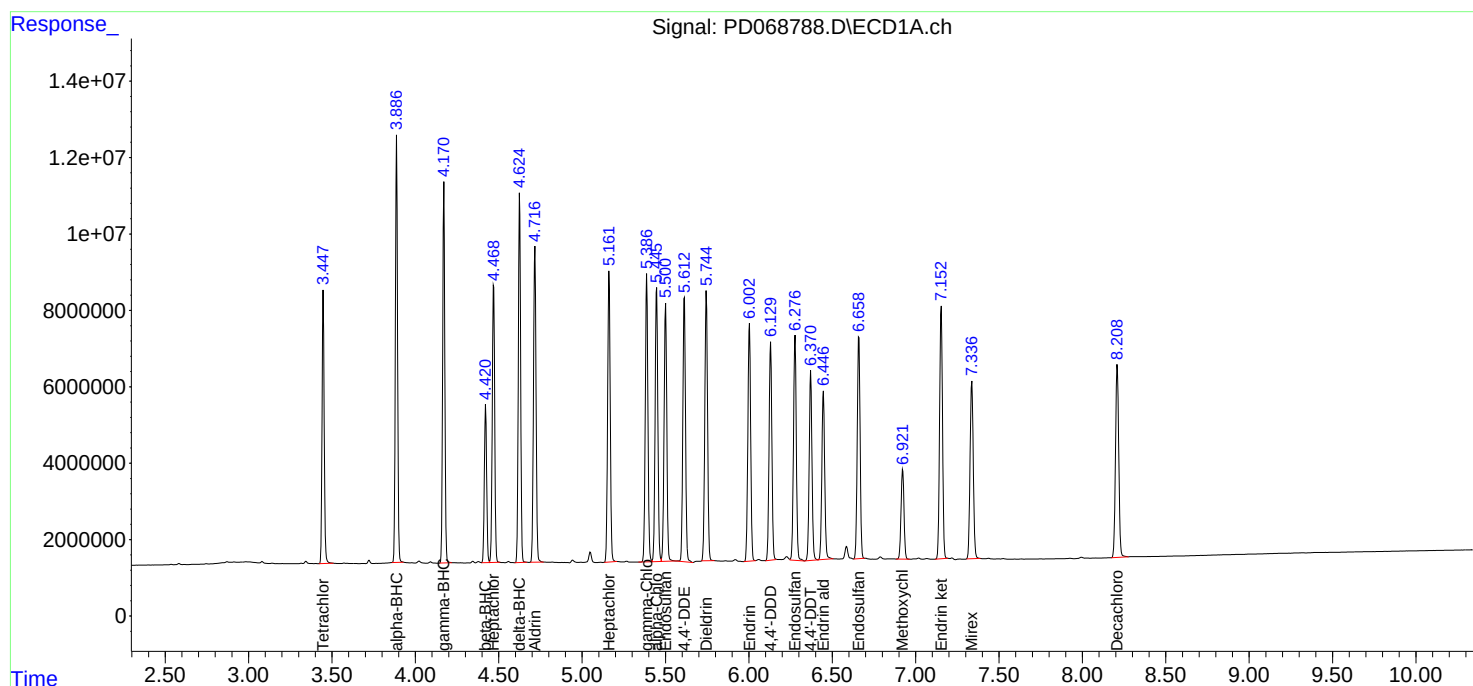
APPROVED

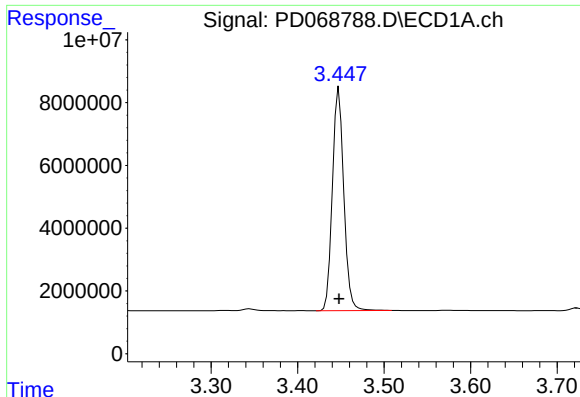
Reviewed By :Abdul Mirza 03/28/2022

Supervised By :mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:10:10 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





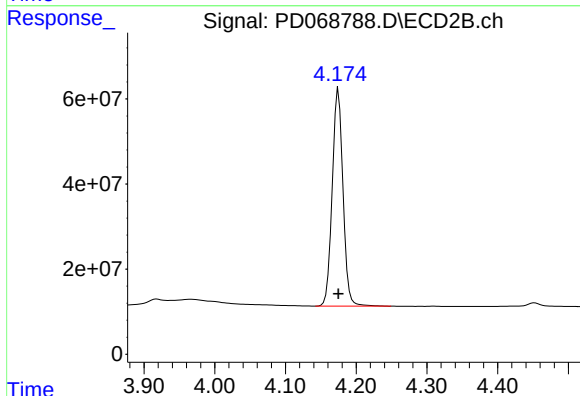
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 64986660
Conc: 53.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

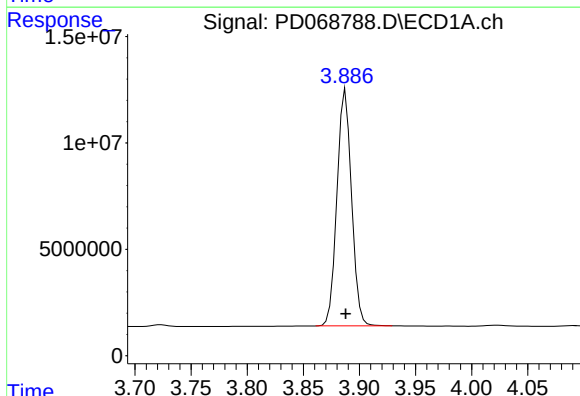
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



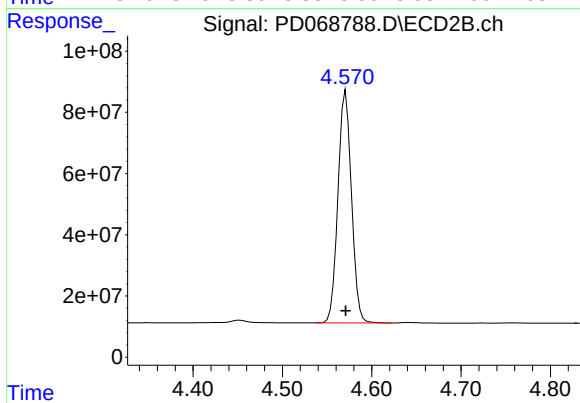
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 540062107
Conc: 56.49 ng/ml



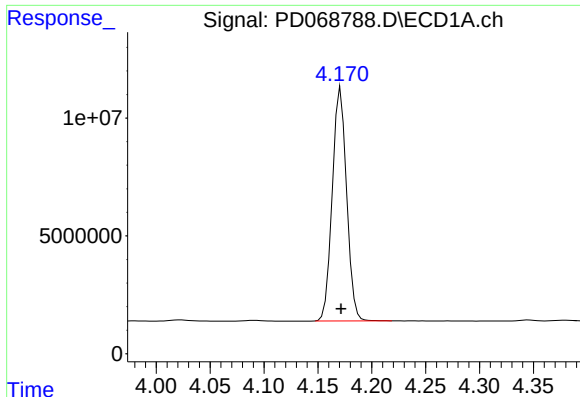
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 100566925
Conc: 55.54 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 797265191
Conc: 57.93 ng/ml



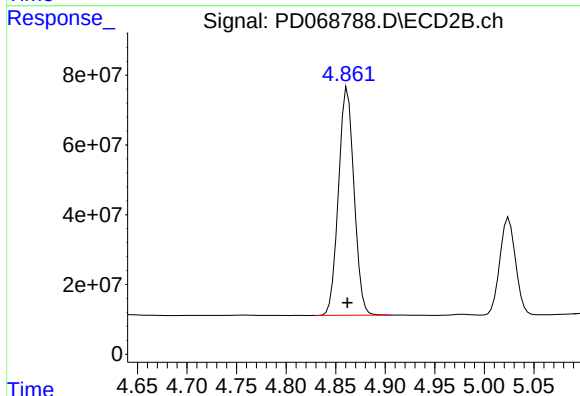
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 91525657
Conc: 54.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

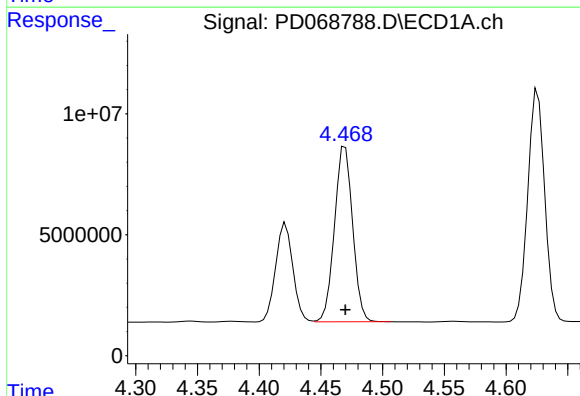
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



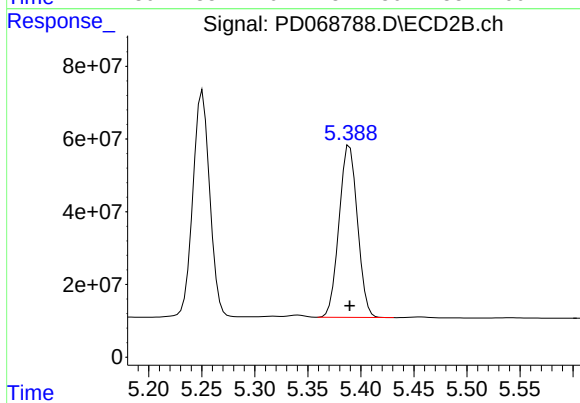
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 712644400
Conc: 57.00 ng/ml



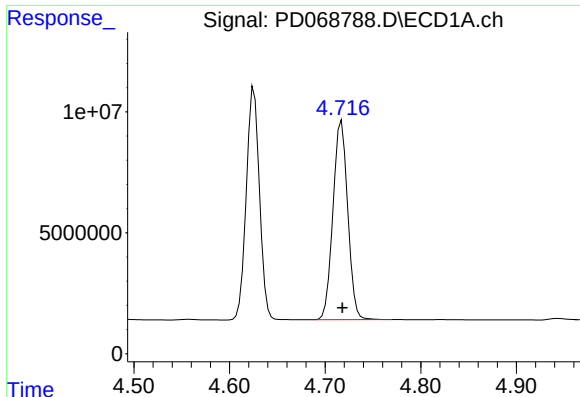
#4 Heptachlor

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 74154139
Conc: 45.01 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 570494119
Conc: 48.00 ng/ml



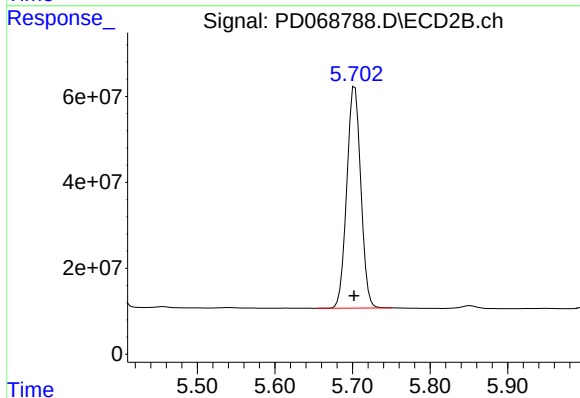
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 87944381
Conc: 55.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

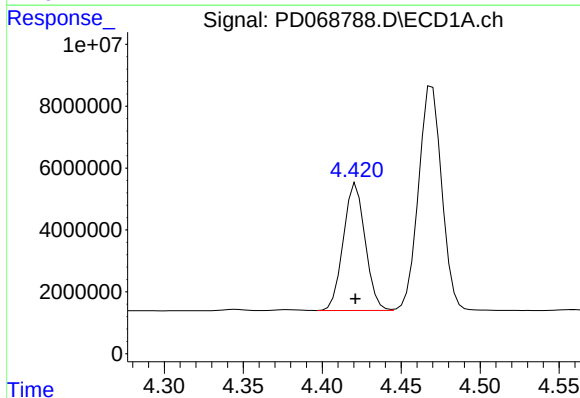
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



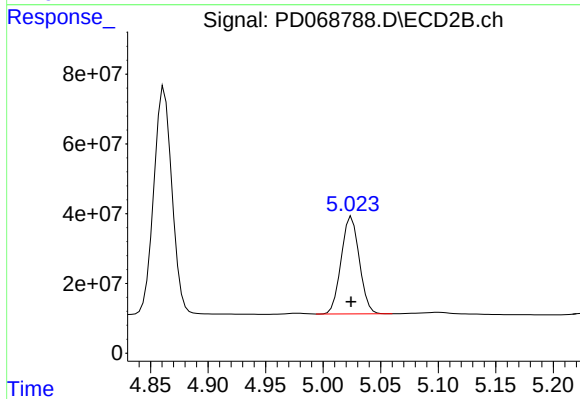
#5 Aldrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 647473733
Conc: 56.41 ng/ml



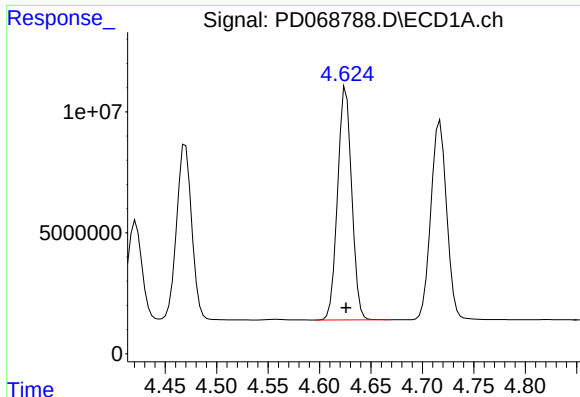
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 39678204
Conc: 53.29 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 306787948
Conc: 55.88 ng/ml



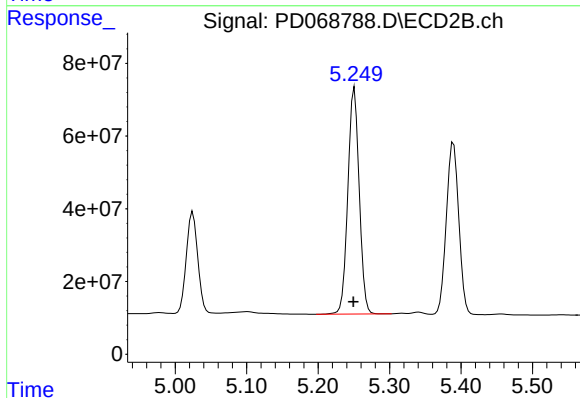
#7 delta-BHC

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 91724202
Conc: 56.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

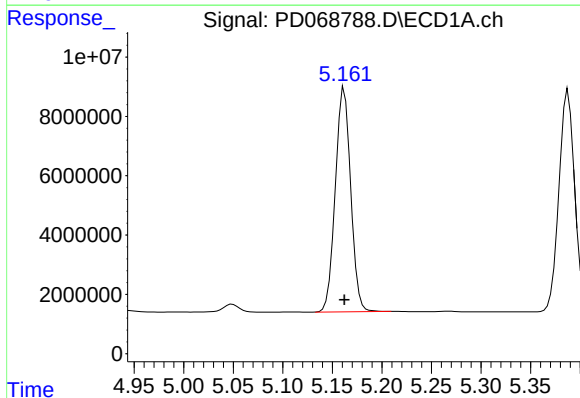
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



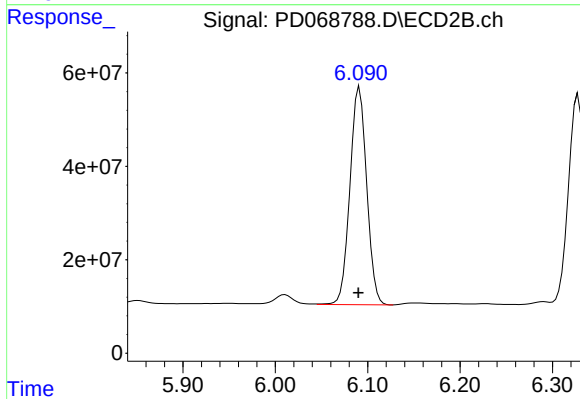
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.001 min
Response: 689895788
Conc: 57.37 ng/ml



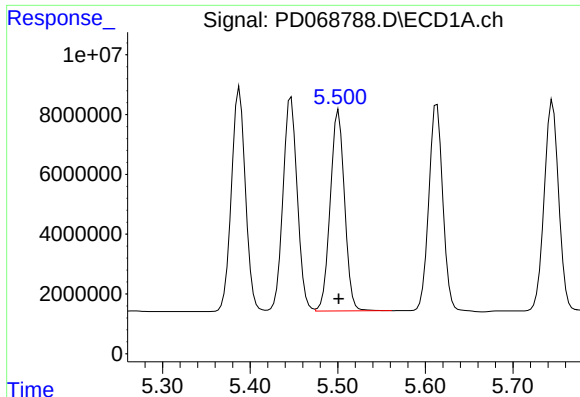
#8 Heptachlor epoxide

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 81593852
Conc: 54.56 ng/ml



#8 Heptachlor epoxide

R.T.: 6.091 min
Delta R.T.: 0.001 min
Response: 588383980
Conc: 56.34 ng/ml



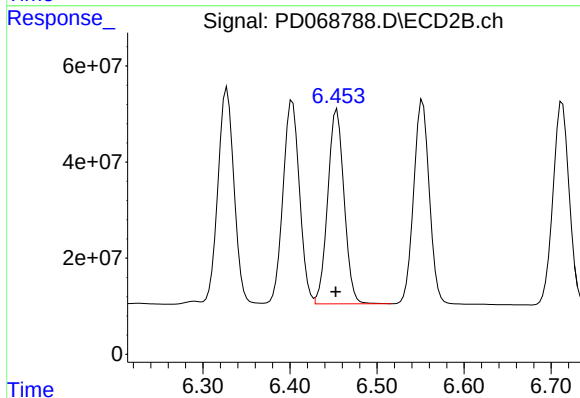
#9 Endosulfan I

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 76291339
Conc: 54.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

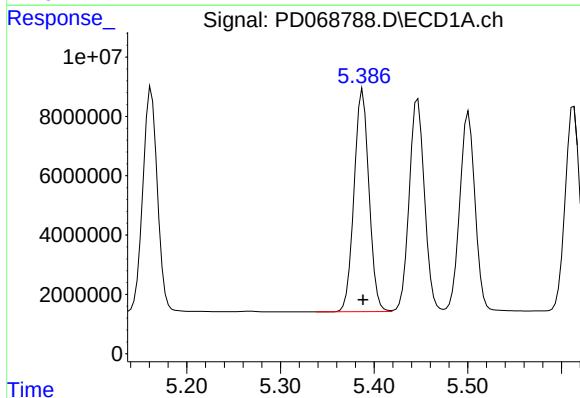
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



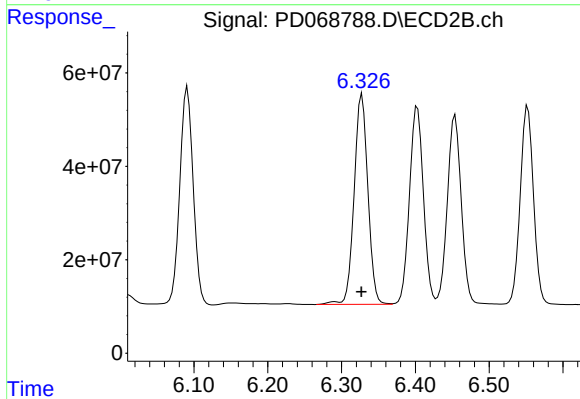
#9 Endosulfan I

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 528690196
Conc: 56.37 ng/ml



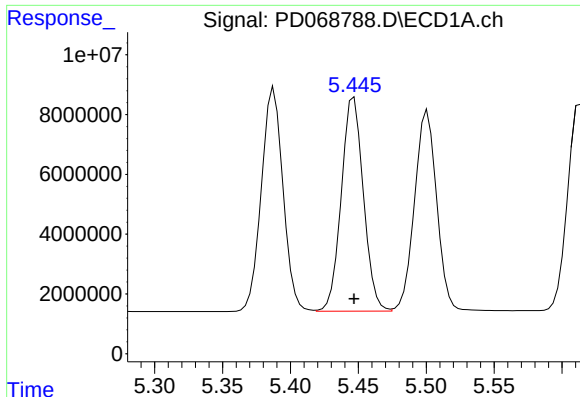
#10 gamma-Chlordane

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 83080768
Conc: 54.77 ng/ml



#10 gamma-Chlordane

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 583951524
Conc: 56.65 ng/ml



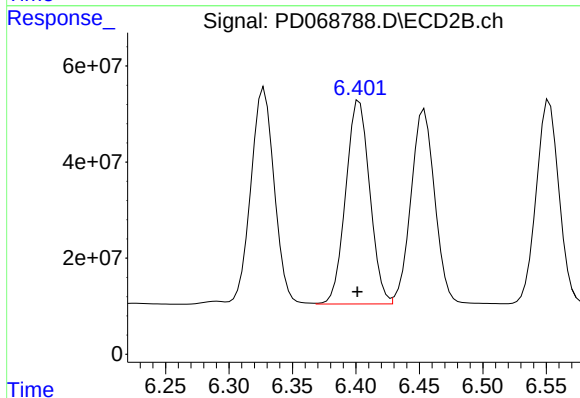
#11 alpha-Chlordane

R.T.: 5.447 min
Delta R.T.: 0.000 min
Response: 81131855
Conc: 54.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

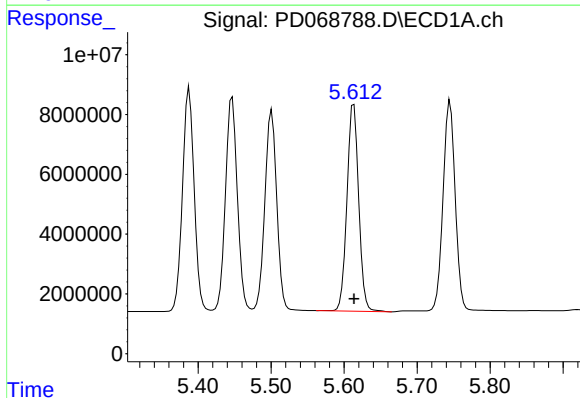
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



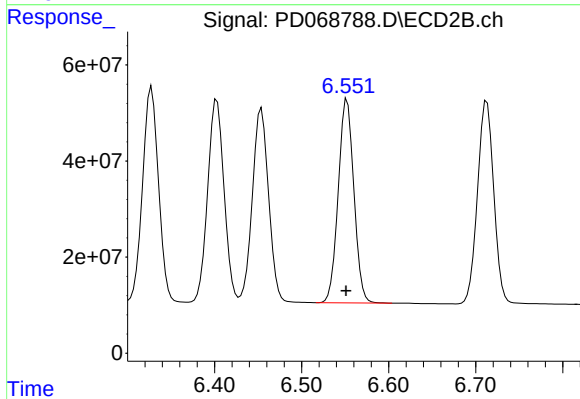
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.001 min
Response: 557967002
Conc: 56.04 ng/ml



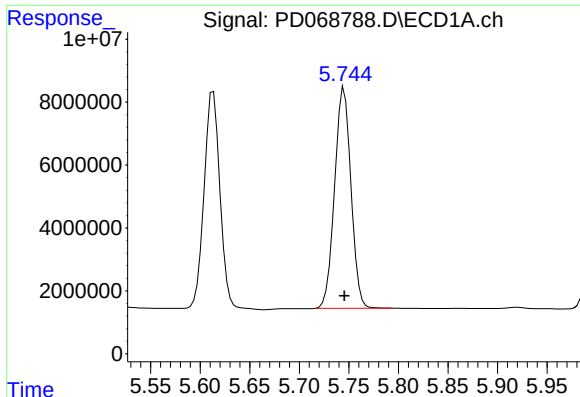
#12 4,4'-DDE

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 77381651
Conc: 56.56 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 530167953
Conc: 57.21 ng/ml



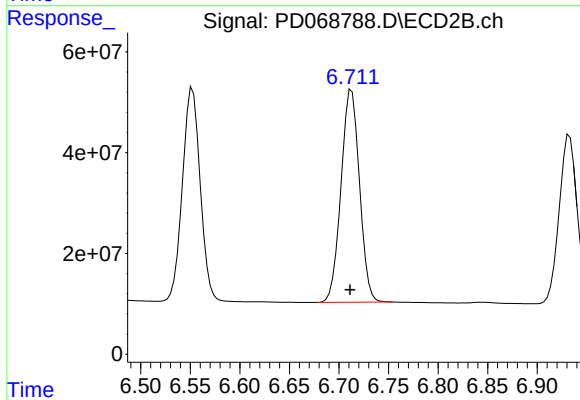
#13 Dieldrin

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 80452846
Conc: 55.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

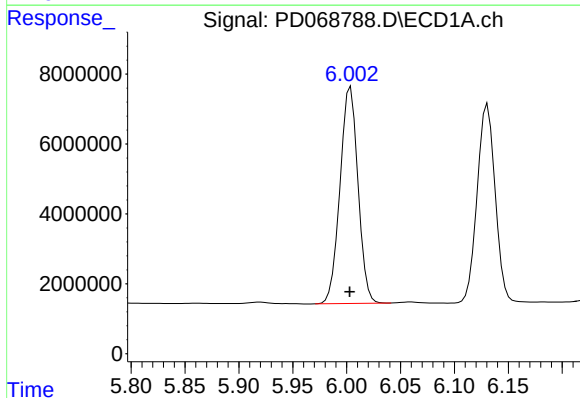
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



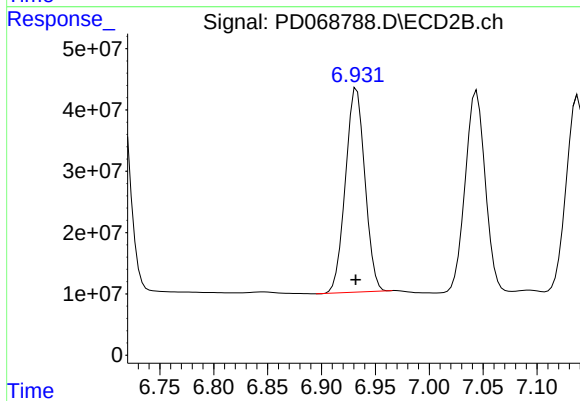
#13 Dieldrin

R.T.: 6.713 min
Delta R.T.: 0.001 min
Response: 547621117
Conc: 56.38 ng/ml



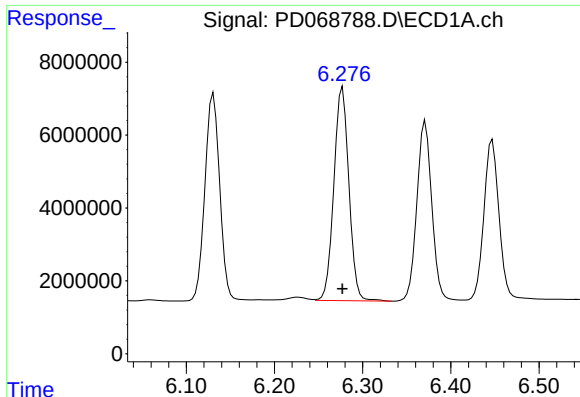
#14 Endrin

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 72019861
Conc: 54.67 ng/ml



#14 Endrin

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 418832736
Conc: 54.13 ng/ml



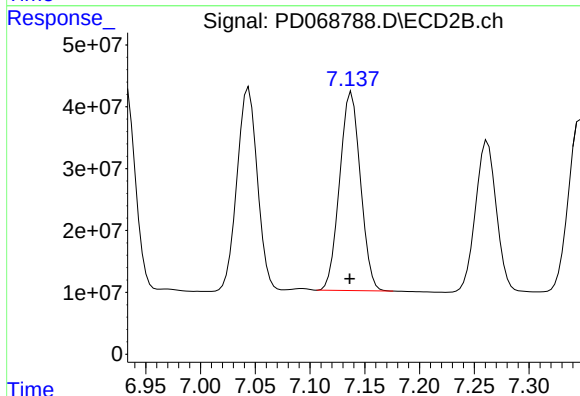
#15 Endosulfan II

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 69374444
Conc: 55.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

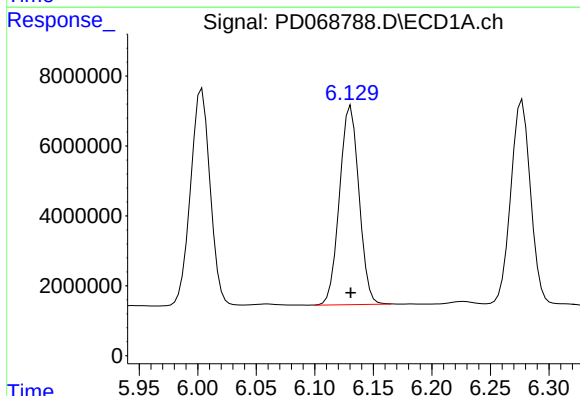
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



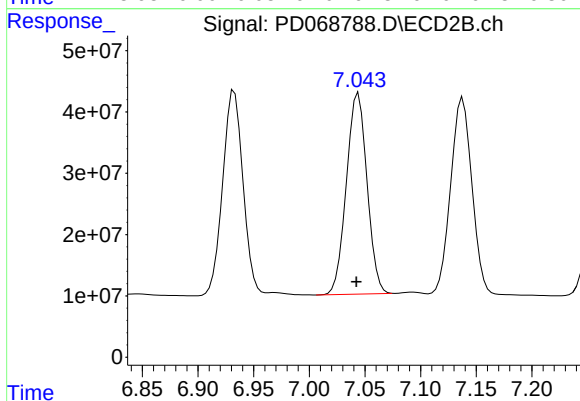
#15 Endosulfan II

R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 424452482
Conc: 56.16 ng/ml



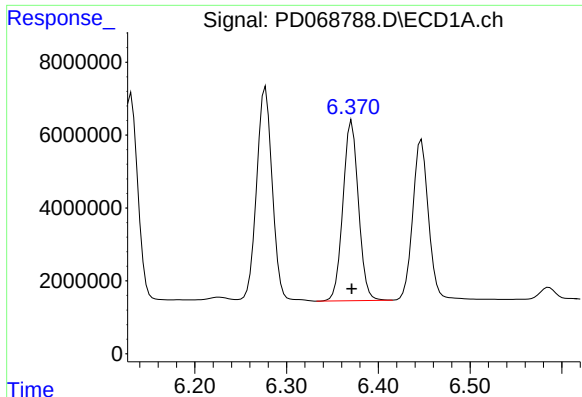
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 65925501
Conc: 55.91 ng/ml m



#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.002 min
Response: 423746518
Conc: 57.38 ng/ml



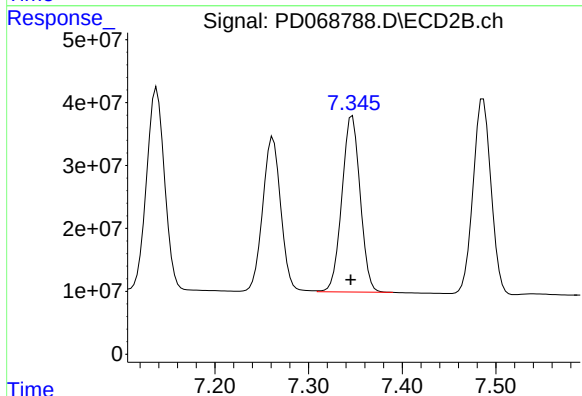
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 57887060
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

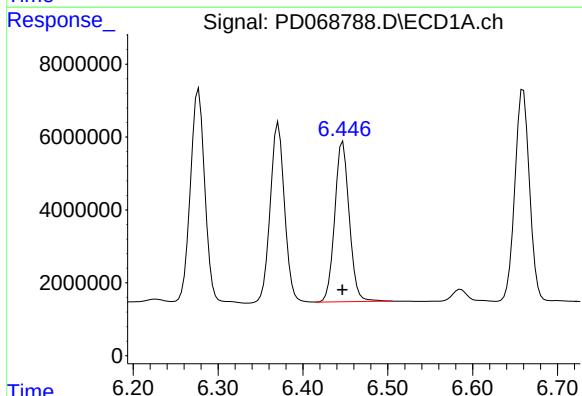
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



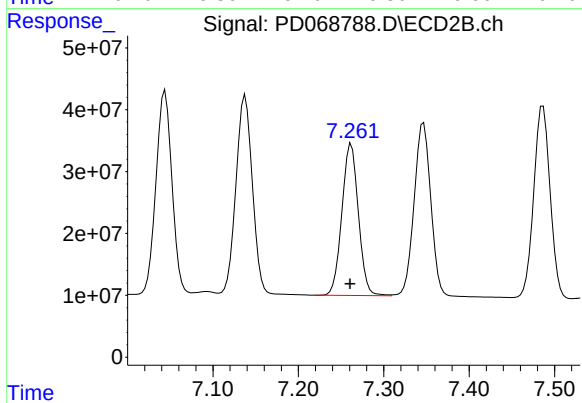
#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 379623699
Conc: 51.67 ng/ml



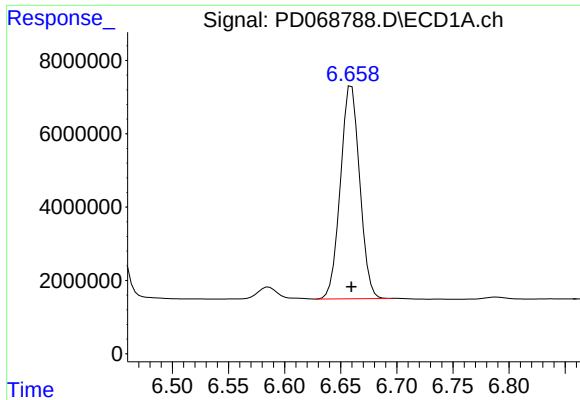
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 52310986
Conc: 52.69 ng/ml



#18 Endrin aldehyde

R.T.: 7.262 min
Delta R.T.: 0.001 min
Response: 329036727
Conc: 54.37 ng/ml



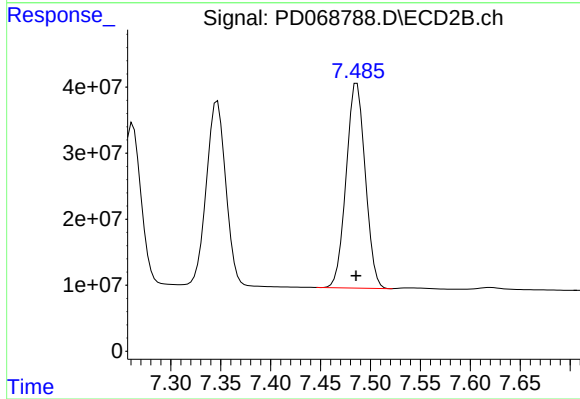
#19 Endosulfan Sulfate

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 69382402
Conc: 54.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

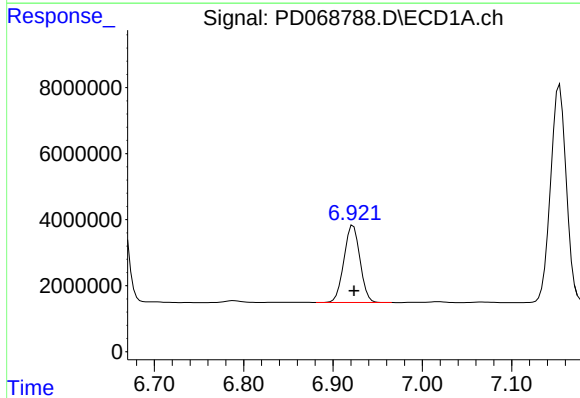
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



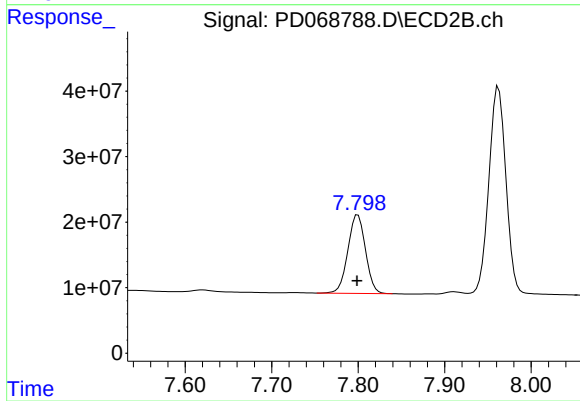
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 413393322
Conc: 56.21 ng/ml



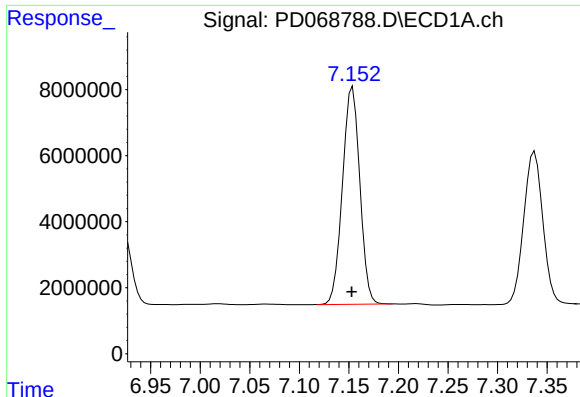
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 29174835
Conc: 42.10 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 168647995
Conc: 46.26 ng/ml



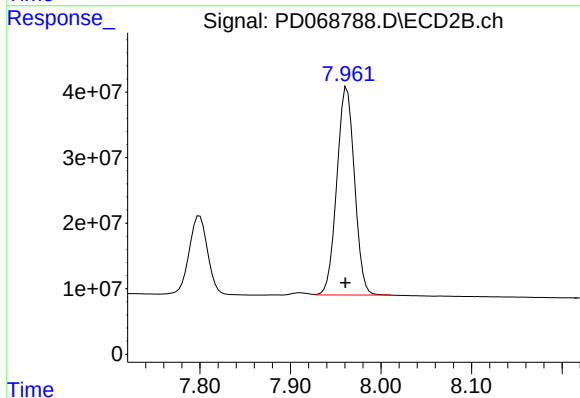
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 80218850
Conc: 54.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

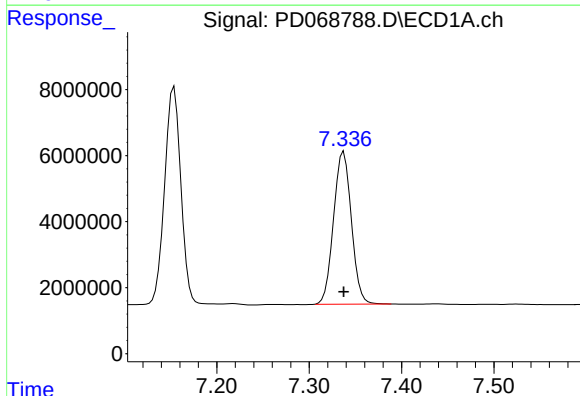
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



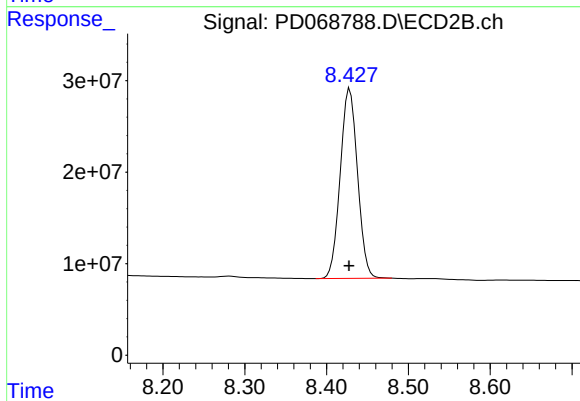
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.002 min
Response: 430759259
Conc: 55.59 ng/ml



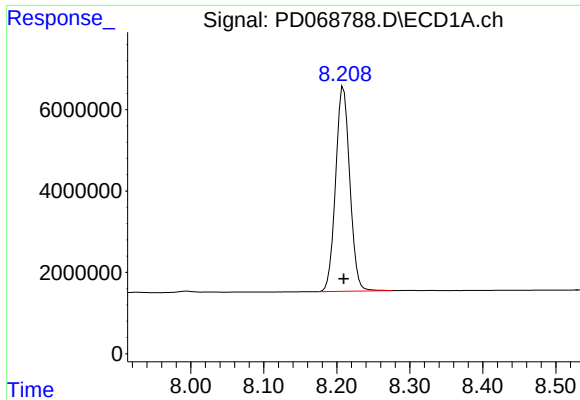
#22 Mirex

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 61872403
Conc: 52.21 ng/ml



#22 Mirex

R.T.: 8.429 min
Delta R.T.: 0.001 min
Response: 303574626
Conc: 55.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 67955457
Conc: 53.79 ng/ml

Instrument :

ECD_D

ClientSampleId :

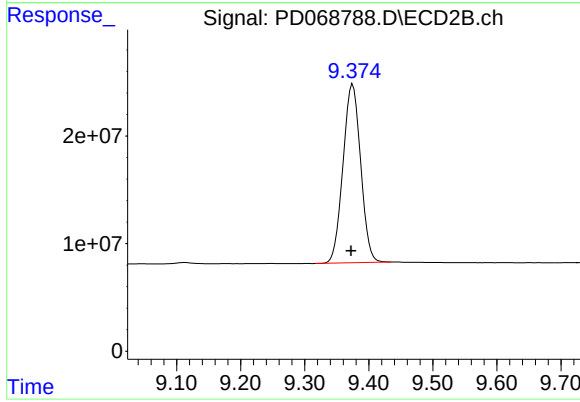
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/28/2022

Supervised By :mohammad ahmed 03/29/2022



#28 Decachlorobiphenyl

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 317307014
Conc: 55.99 ng/ml