

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
 Data File : PD079224.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2023 11:55
 Operator : AR\AJ
 Sample : PB156729BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156729BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/31/2023
 Supervised By : mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 21:17:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.571	2.806	30224654	44080169	18.720	19.039
28)	SA Decachlor...	9.119	7.955	37148514	47327124	18.518	19.416
Target Compounds							
2)	A alpha-BHC	4.027	3.309	140.2E6	187.9E6	52.681	54.180
3)	MA gamma-BHC...	4.361	3.639	130.2E6	176.6E6	50.099	52.008
4)	MA Heptachlor	4.955	3.982	136.5E6	172.5E6	51.038	56.483
5)	MB Aldrin	5.298	4.263	130.0E6	171.9E6	50.441	52.534
6)	B beta-BHC	4.554	3.933	53286999	71268193	49.727	50.577
7)	B delta-BHC	4.803	4.165	133.3E6	178.3E6	49.802m	53.243
8)	B Heptachlo...	5.725	4.765	119.9E6	160.0E6	51.147	53.953
9)	A Endosulfan I	6.112	5.134	112.9E6	144.4E6	52.062	54.547m
10)	B gamma-Chl...	5.981	5.014	119.8E6	158.5E6	52.250	55.232m
11)	B alpha-Chl...	6.061	5.079	117.7E6	157.3E6	51.604	54.815m
12)	B 4,4'-DDE	6.231	5.269	111.3E6	148.7E6	52.682	55.860
13)	MA Dieldrin	6.387	5.401	117.4E6	158.4E6	50.431	53.336
14)	MA Endrin	6.618	5.676	97639015	139.4E6	50.133	54.457
15)	B Endosulfa...	6.835	5.968	97203222	129.6E6	47.657	51.908
16)	A 4,4'-DDD	6.748	5.823	91218803	127.6E6	51.890	55.854
17)	MA 4,4'-DDT	7.063	6.075	98698756	125.6E6	52.120	54.848
18)	B Endrin al...	6.964	6.148	77567949	101.1E6	50.228m	54.392
19)	B Endosulfa...	7.199	6.370	100.5E6	128.6E6	50.573	55.078
20)	A Methoxychlor	7.537	6.650	51164877	66219612	46.693	48.776
21)	B Endrin ke...	7.685	6.877	108.8E6	150.5E6	49.887	53.820
22)	Mirex	8.163	7.062	81463386	112.5E6	48.127	52.653

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
Data File : PD079224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2023 11:55
Operator : AR\AJ
Sample : PB156729BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

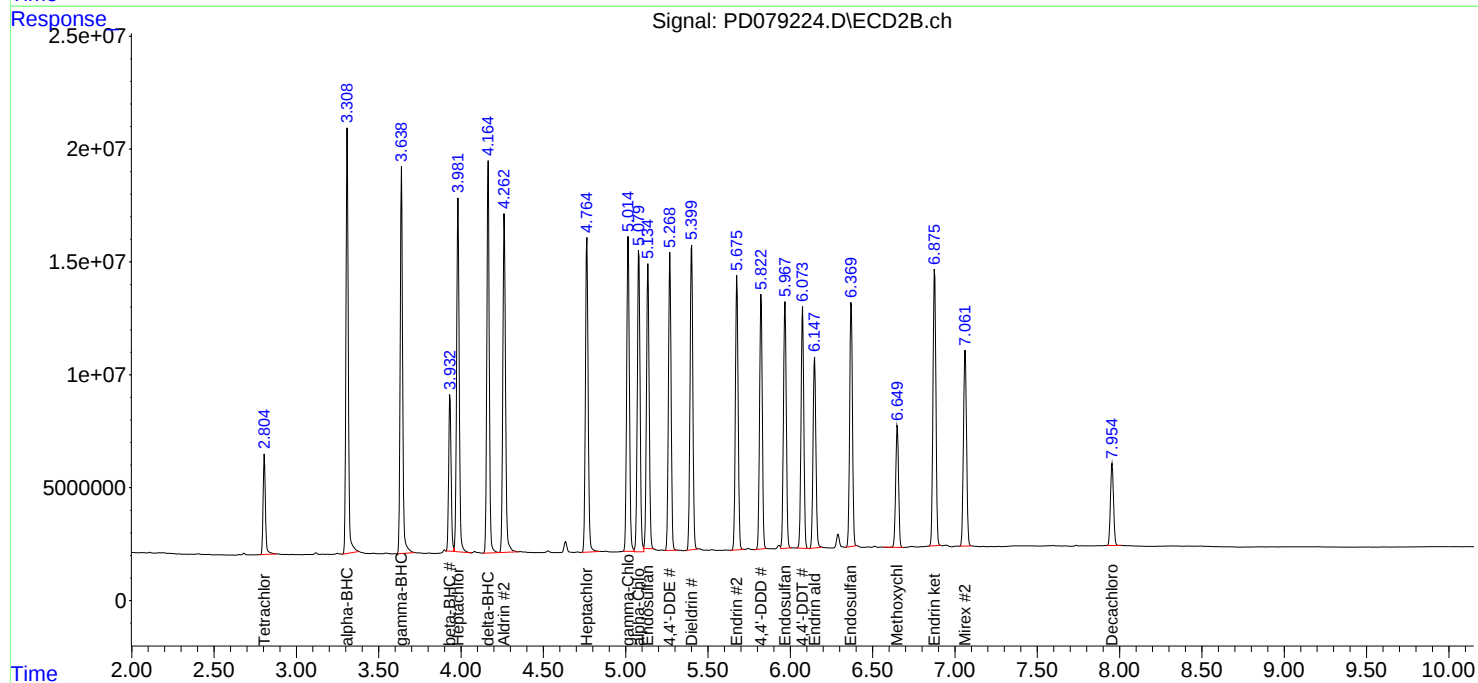
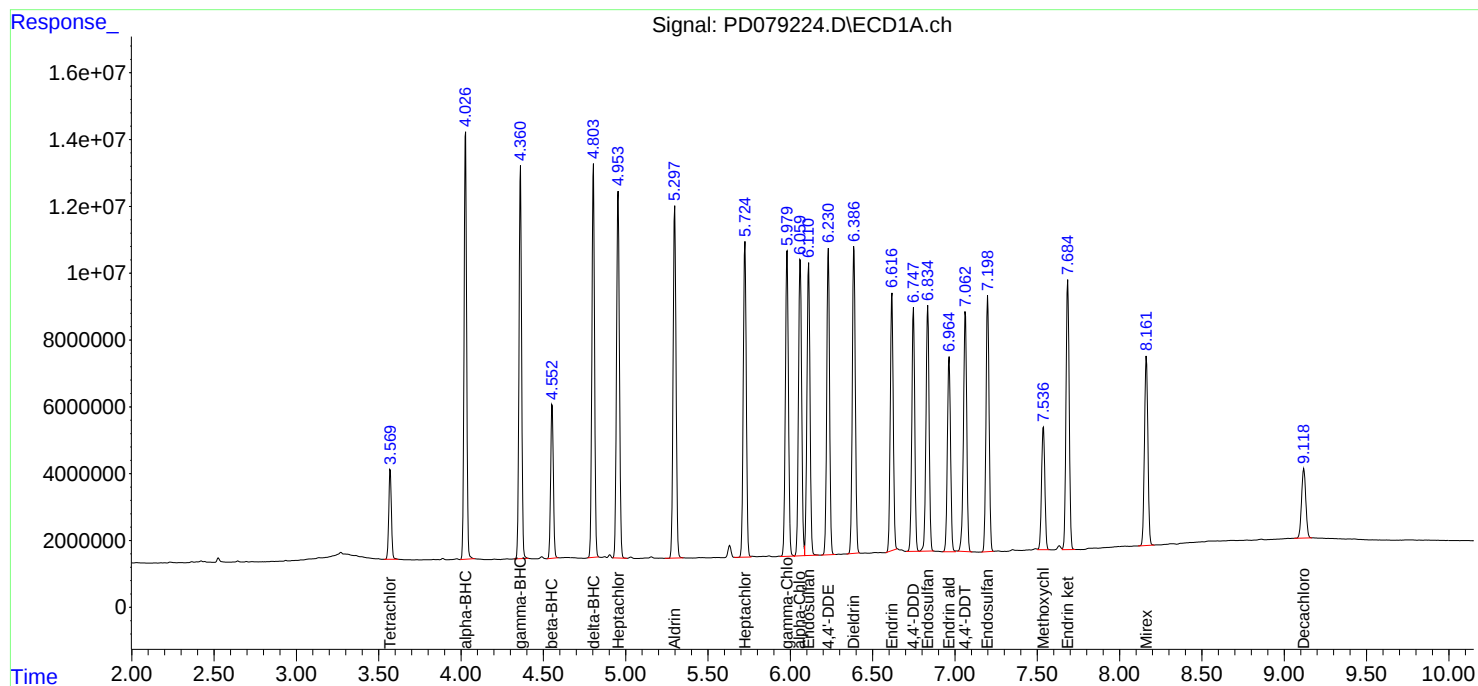
Instrument :
ECD_D
ClientSampleId :
PB156729BS

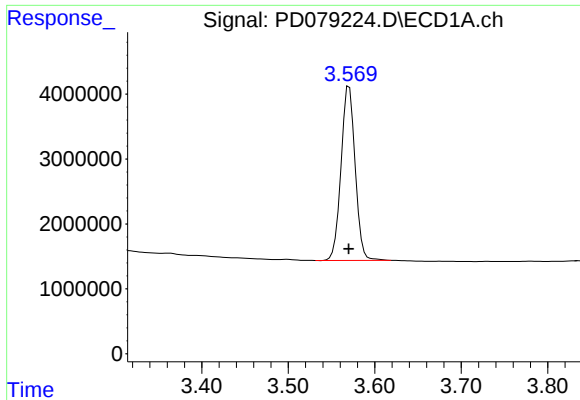
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 21:17:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





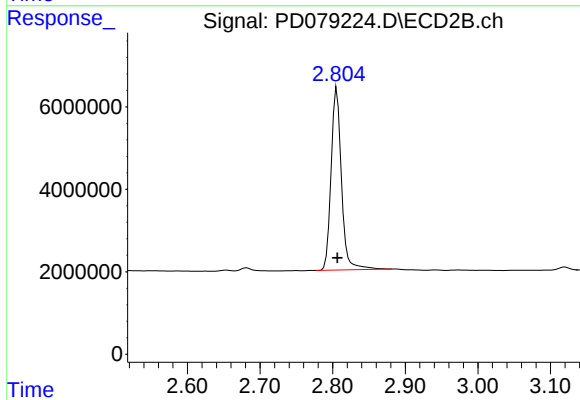
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 30224654
Conc: 18.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

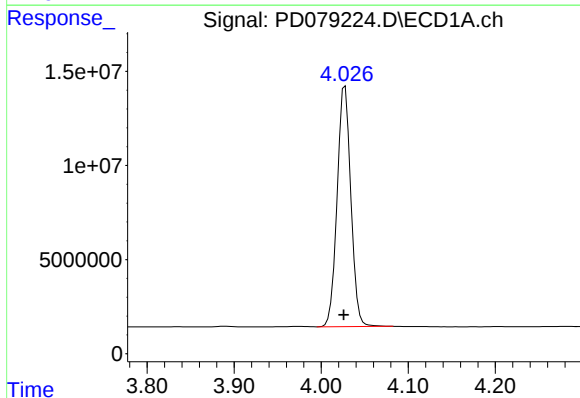
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



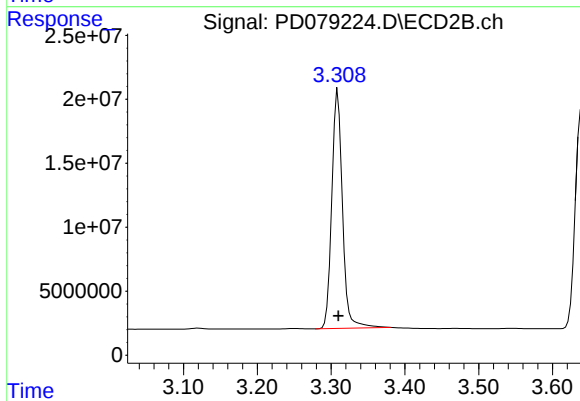
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 44080169
Conc: 19.04 ng/ml



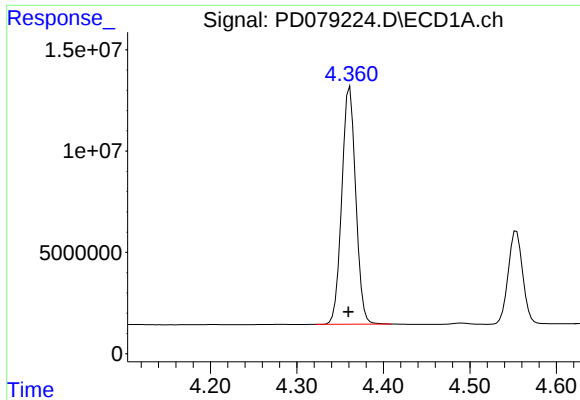
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.001 min
Response: 140239910
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 187866618
Conc: 54.18 ng/ml



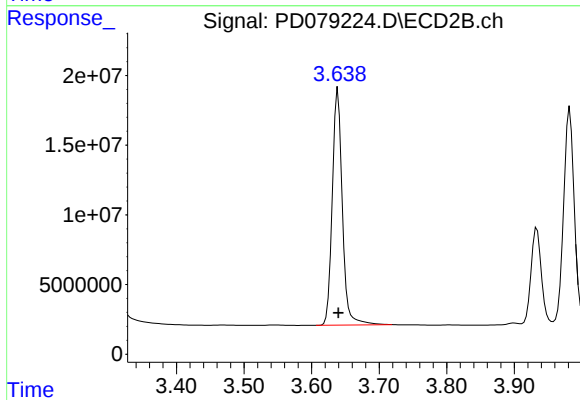
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.002 min
Response: 130199340
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

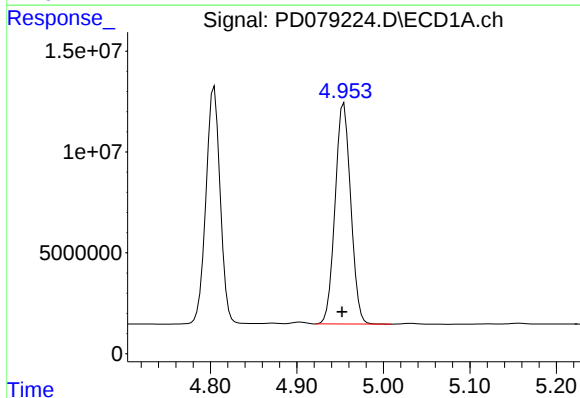
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



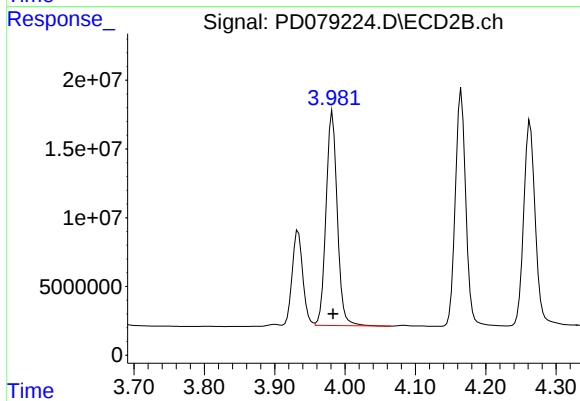
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 176607008
Conc: 52.01 ng/ml



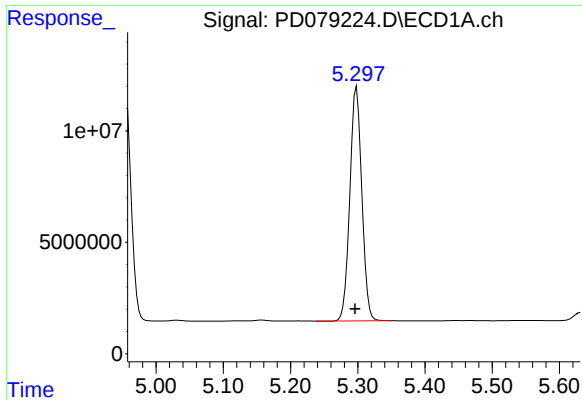
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.002 min
Response: 136523014
Conc: 51.04 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 172506658
Conc: 56.48 ng/ml



#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 129975157
Conc: 50.44 ng/ml

Instrument :

ECD_D

ClientSampleId :

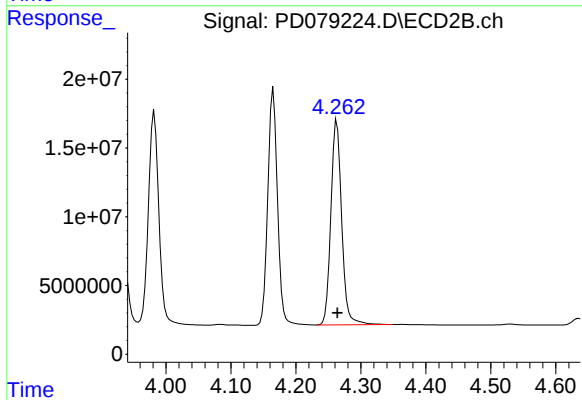
PB156729BS

Manual Integrations

APPROVED

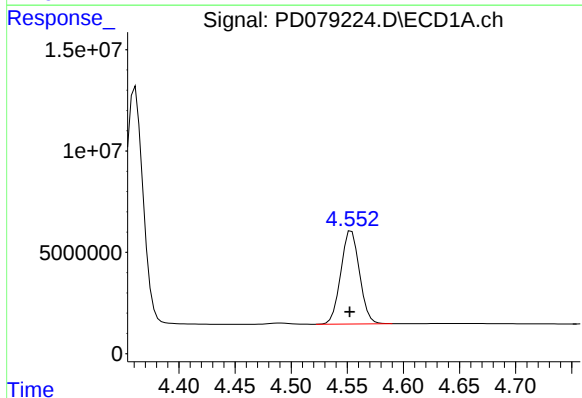
Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



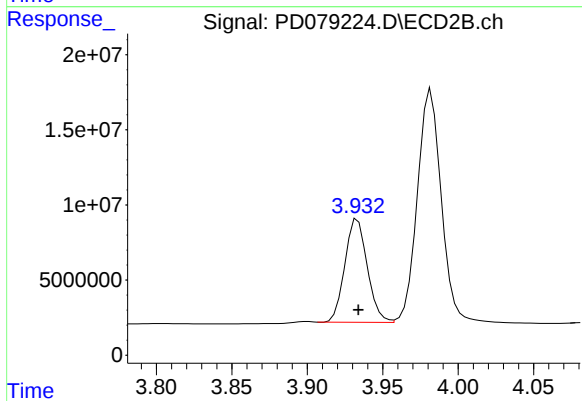
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 171857063
Conc: 52.53 ng/ml



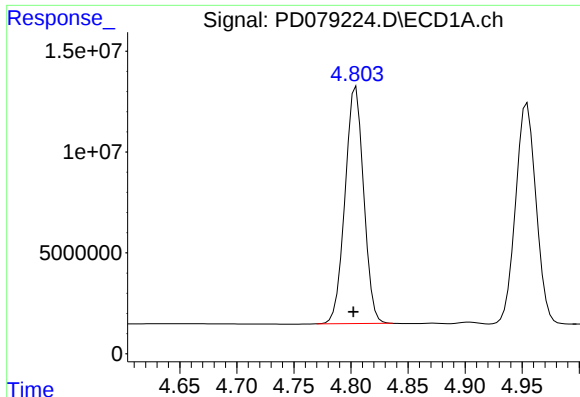
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 53286999
Conc: 49.73 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 71268193
Conc: 50.58 ng/ml



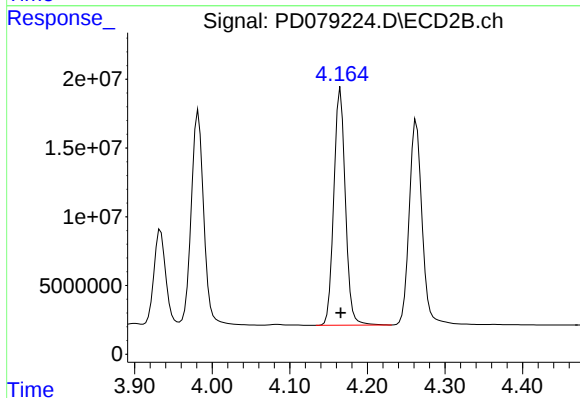
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.001 min
Response: 133324166
Conc: 49.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

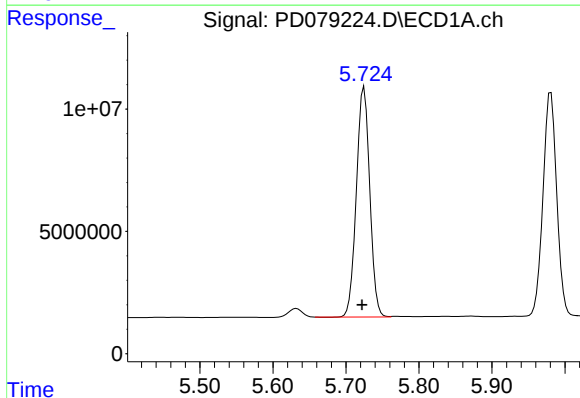
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



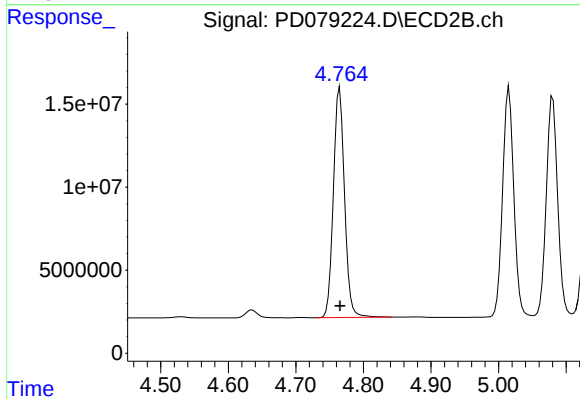
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 178271396
Conc: 53.24 ng/ml



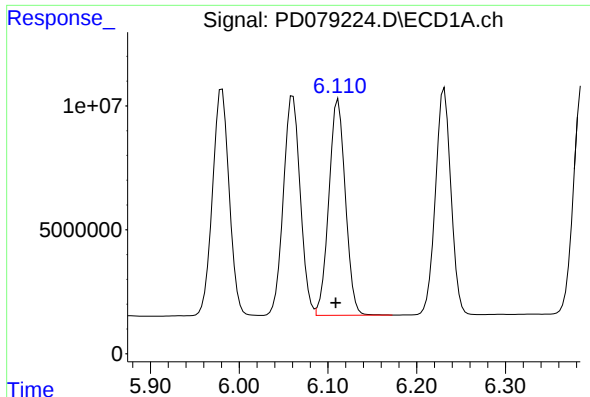
#8 Heptachlor epoxide

R.T.: 5.725 min
Delta R.T.: 0.003 min
Response: 119873264
Conc: 51.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 159953653
Conc: 53.95 ng/ml



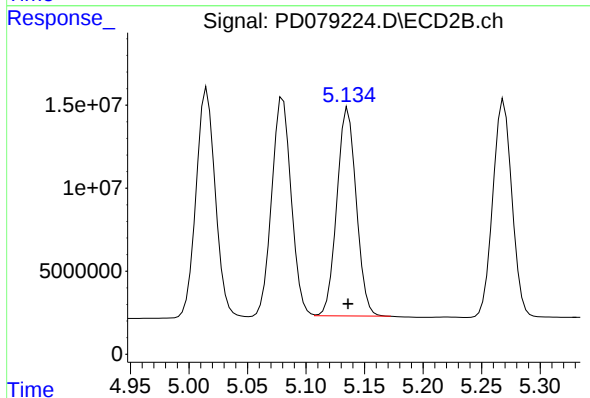
#9 Endosulfan I

R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 112867380
Conc: 52.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

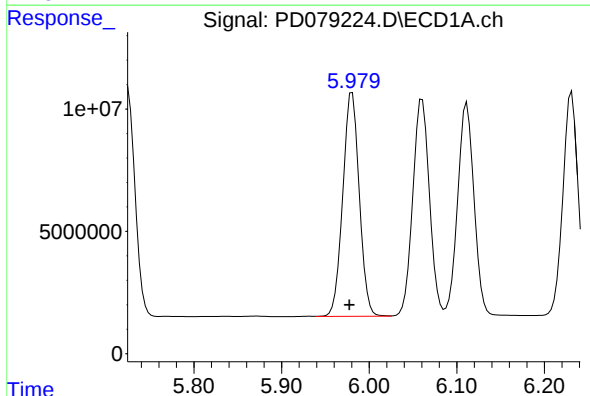
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



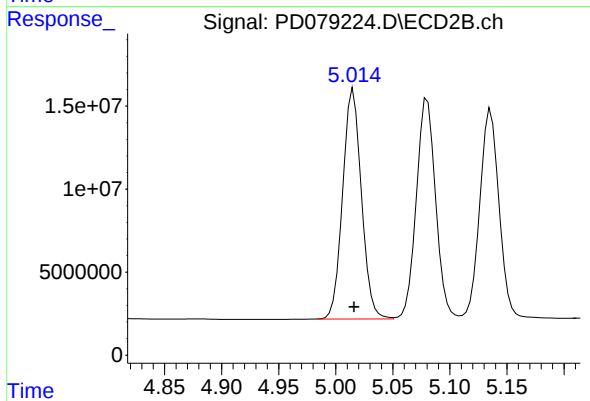
#9 Endosulfan I

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 144423623
Conc: 54.55 ng/ml m



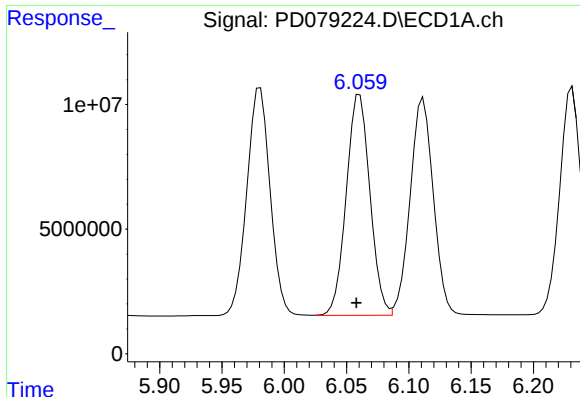
#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.003 min
Response: 119795369
Conc: 52.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 158483497
Conc: 55.23 ng/ml m



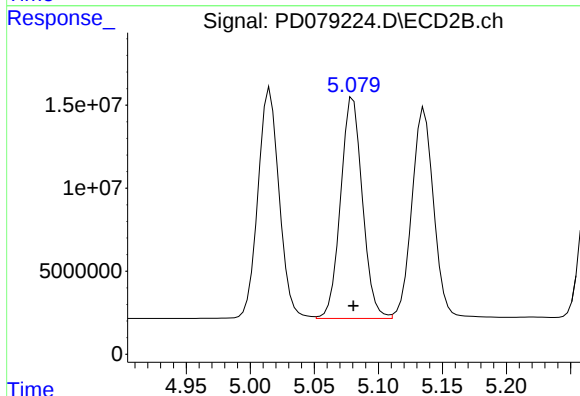
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.003 min
Response: 117668108
Conc: 51.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

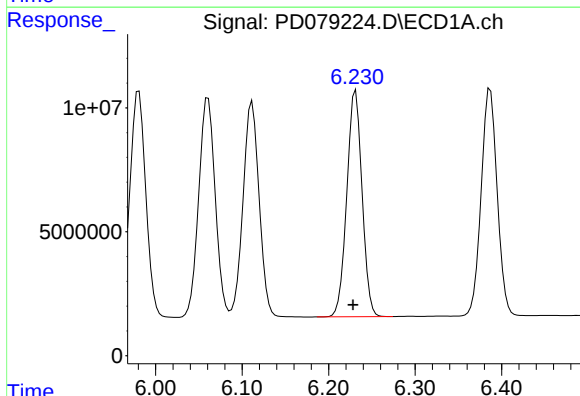
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



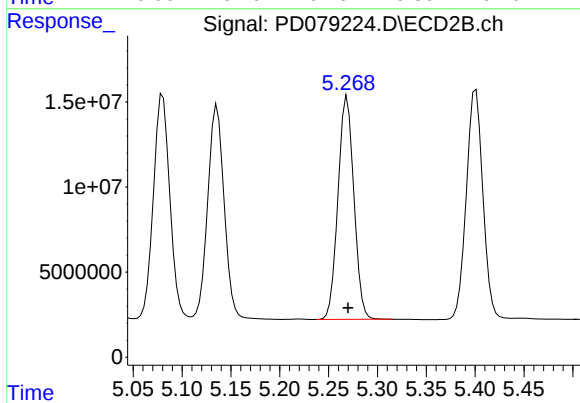
#11 alpha-Chlordane

R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 157311659
Conc: 54.82 ng/ml m



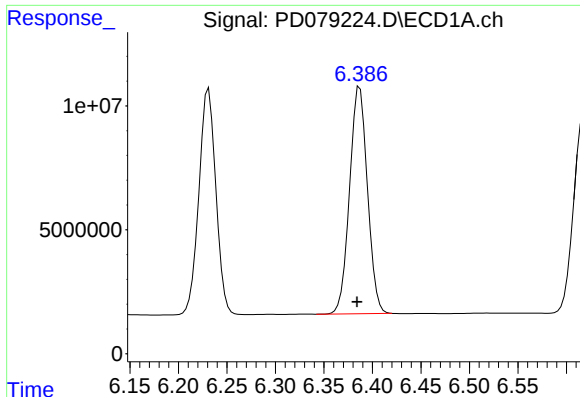
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.003 min
Response: 111321611
Conc: 52.68 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 148721405
Conc: 55.86 ng/ml



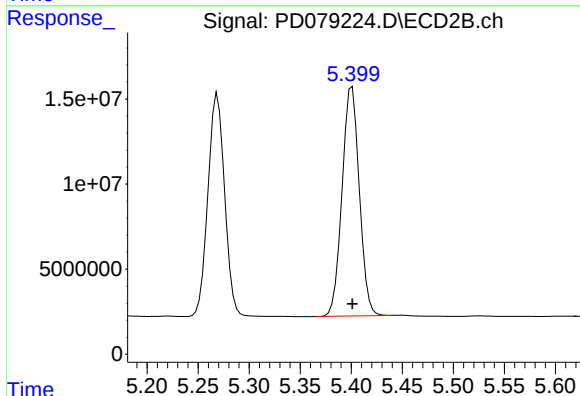
#13 Dieldrin

R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 117445777
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

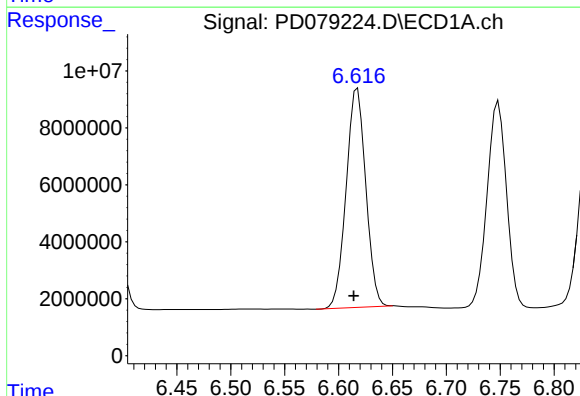
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



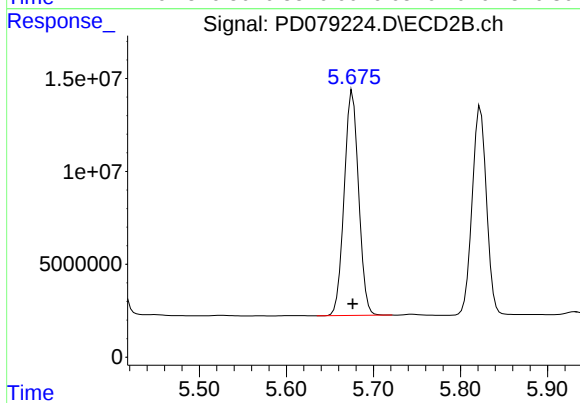
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 158402684
Conc: 53.34 ng/ml



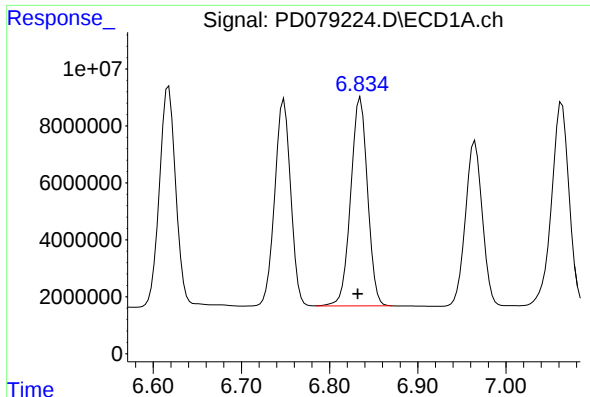
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 97639015
Conc: 50.13 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 139362422
Conc: 54.46 ng/ml



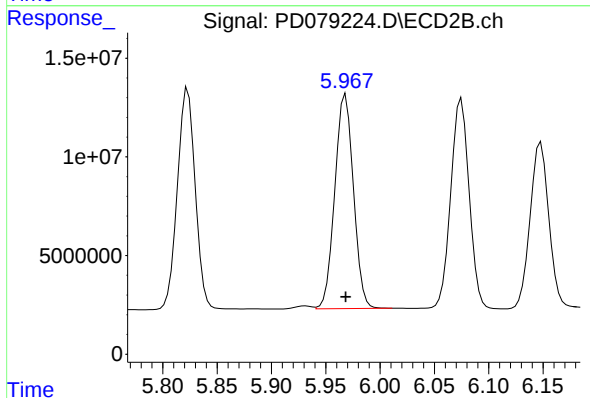
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.003 min
Response: 97203222
Conc: 47.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

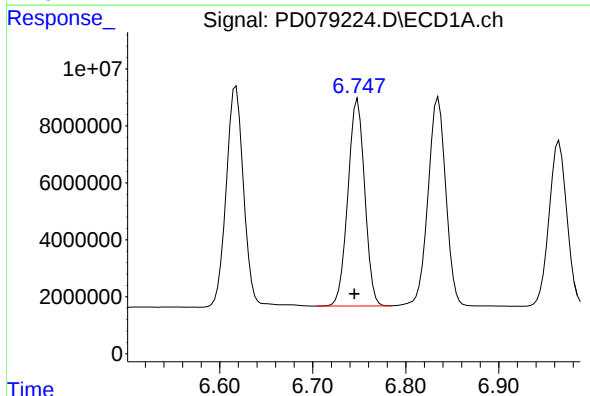
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



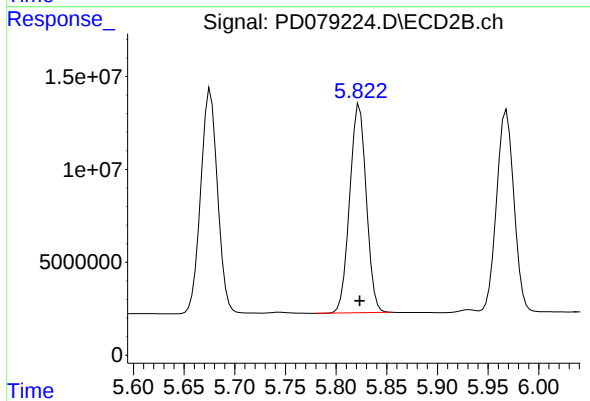
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 129588178
Conc: 51.91 ng/ml



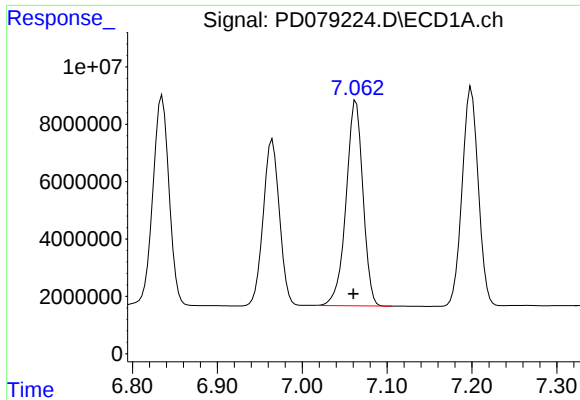
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.004 min
Response: 91218803
Conc: 51.89 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 127584881
Conc: 55.85 ng/ml



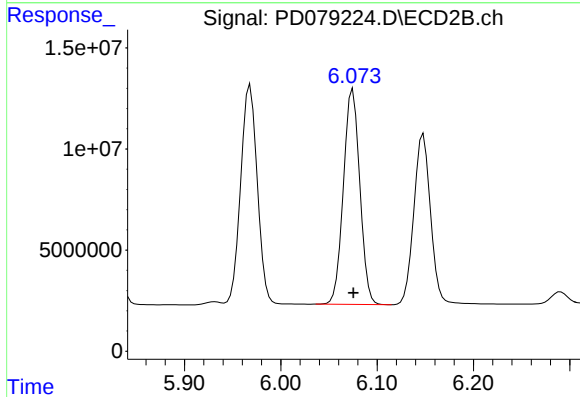
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 98698756
Conc: 52.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

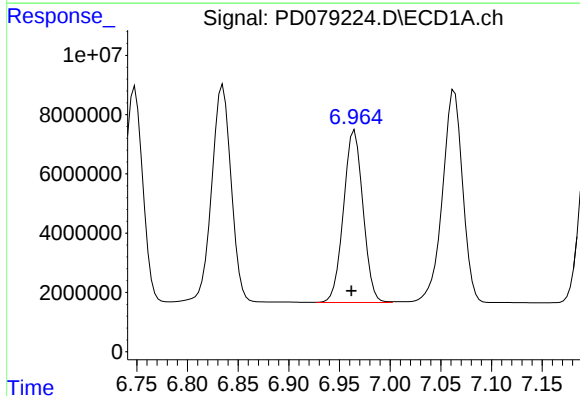
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



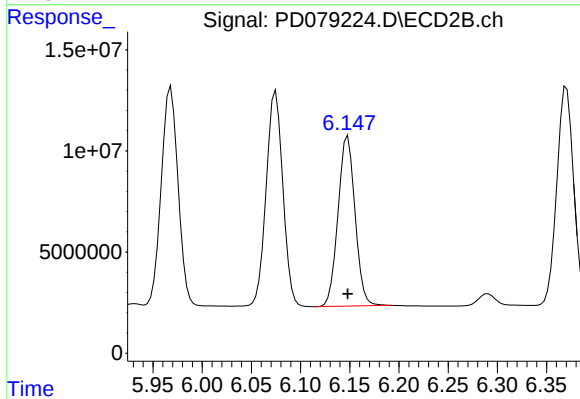
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 125567079
Conc: 54.85 ng/ml



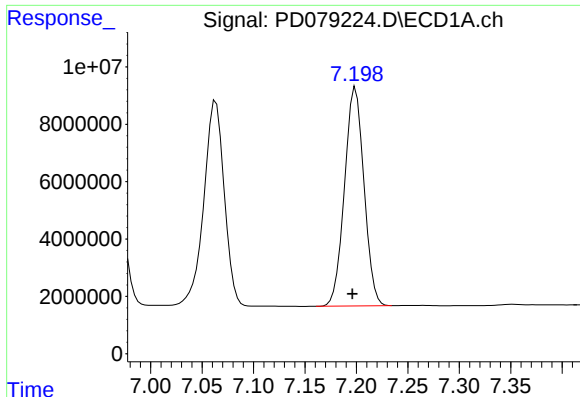
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 77567949
Conc: 50.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 101131159
Conc: 54.39 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.003 min
Response: 100546997
Conc: 50.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

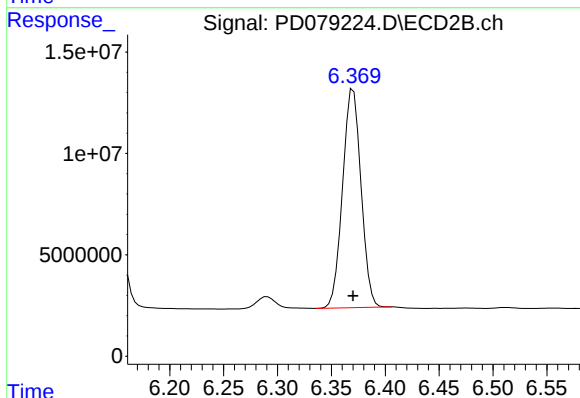
PB156729BS

Manual Integrations

APPROVED

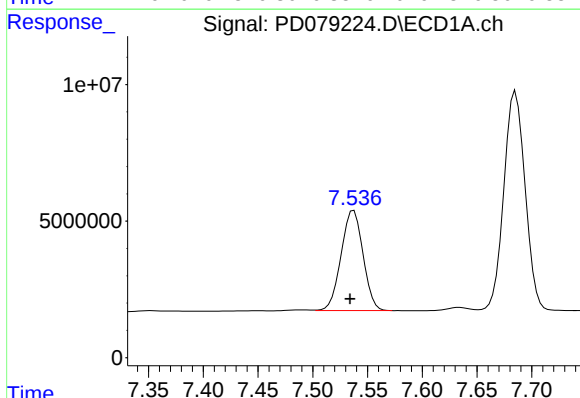
Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



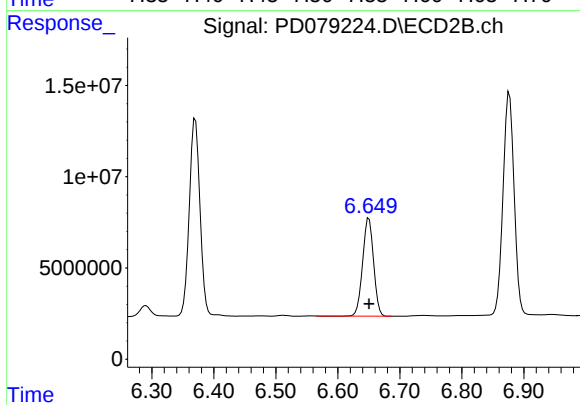
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 128596884
Conc: 55.08 ng/ml



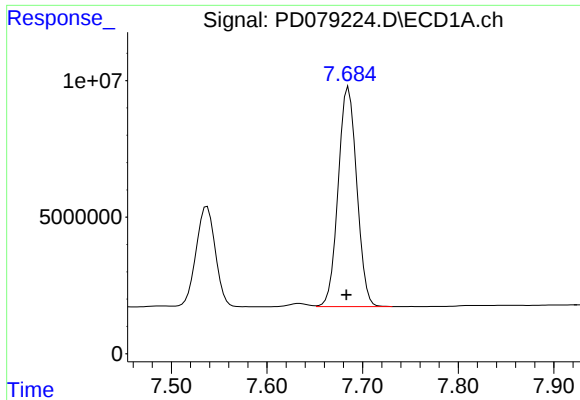
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 51164877
Conc: 46.69 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 66219612
Conc: 48.78 ng/ml



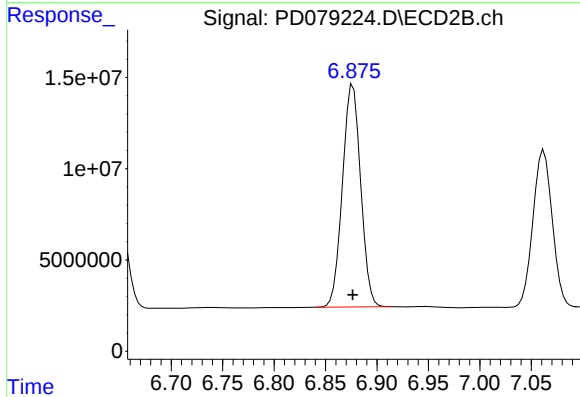
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 108762425
Conc: 49.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

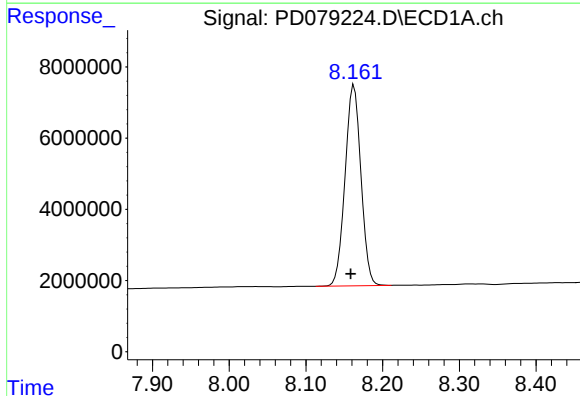
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



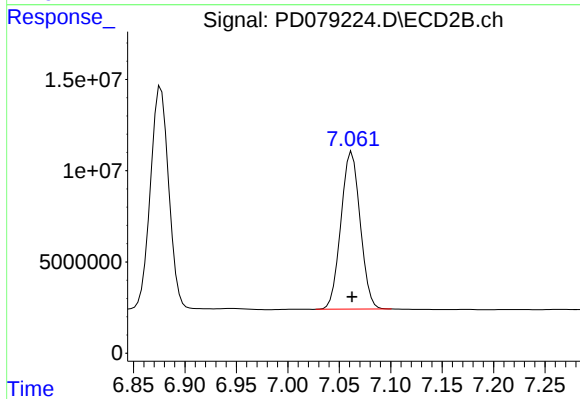
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 150465030
Conc: 53.82 ng/ml



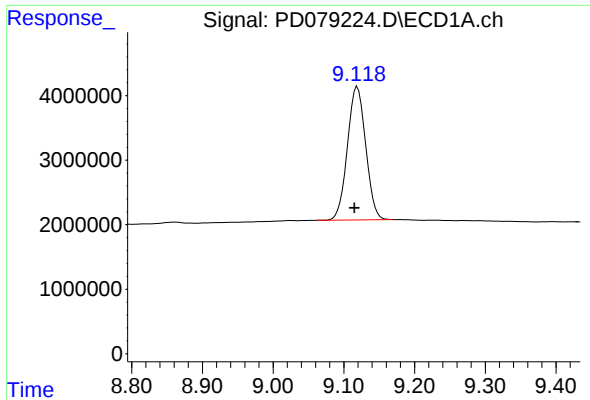
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.004 min
Response: 81463386
Conc: 48.13 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 112483719
Conc: 52.65 ng/ml



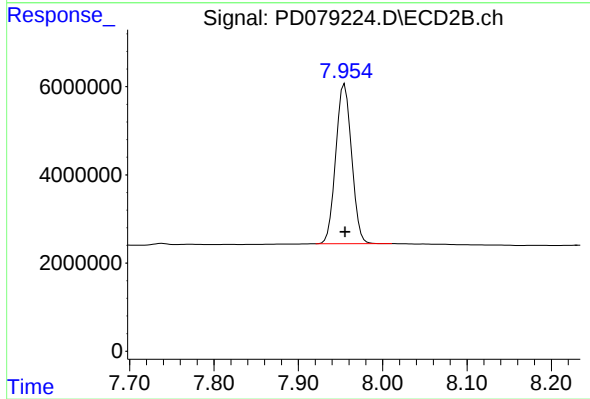
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.004 min
Response: 37148514
Conc: 18.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156729BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 47327124
Conc: 19.42 ng/ml