

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 19:04
 Operator : AR\AJ
 Sample : PB156732BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156732BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2023
 Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:16:36 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...	3.570	2.806	30319800	44692274	18.779	19.303
28)	SA Decachlor...	9.116	7.954	40020222	50309555	19.950	20.640
Target Compounds							
2)	A alpha-BHC	4.027	3.309	140.9E6	191.6E6	52.923	55.264
3)	MA gamma-BHC...	4.360	3.639	131.1E6	179.8E6	50.456	52.958
4)	MA Heptachlor	4.953	3.982	136.6E6	173.8E6	51.083	56.899
5)	MB Aldrin	5.297	4.263	130.3E6	174.1E6	50.573	53.220
6)	B beta-BHC	4.553	3.933	53310282	71334158	49.749	50.624
7)	B delta-BHC	4.801	4.165	134.8E6	181.1E6	50.369m	54.078
8)	B Heptachlo...	5.722	4.765	119.7E6	162.2E6	51.068	54.715
9)	A Endosulfan I	6.109	5.133	112.0E6	146.5E6	51.673	55.317m
10)	B gamma-Chl...	5.978	5.013	119.3E6	160.0E6	52.022	55.771m
11)	B alpha-Chl...	6.058	5.078	116.9E6	155.6E6	51.287	54.204m
12)	B 4,4'-DDE	6.228	5.268	110.6E6	150.5E6	52.346	56.527
13)	MA Dieldrin	6.385	5.400	117.8E6	160.1E6	50.596	53.907
14)	MA Endrin	6.615	5.675	95980617	137.5E6	49.281	53.740
15)	B Endosulfa...	6.833	5.967	97802355	131.2E6	47.951	52.546
16)	A 4,4'-DDD	6.746	5.822	92322513	130.3E6	52.518	57.039
17)	MA 4,4'-DDT	7.061	6.074	96792245	125.2E6	51.114	54.693
18)	B Endrin al...	6.962	6.147	76770712	102.8E6	49.712m	55.290
19)	B Endosulfa...	7.197	6.369	99996497	130.9E6	50.297	56.063
20)	A Methoxychlor	7.535	6.649	49688418	66896085	45.345	49.274
21)	B Endrin ke...	7.683	6.876	108.9E6	155.7E6	49.971	55.699
22)	Mirex	8.161	7.061	82228371	115.7E6	48.579	54.140

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 19:04
Operator : AR\AJ
Sample : PB156732BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB156732BS

Manual Integrations

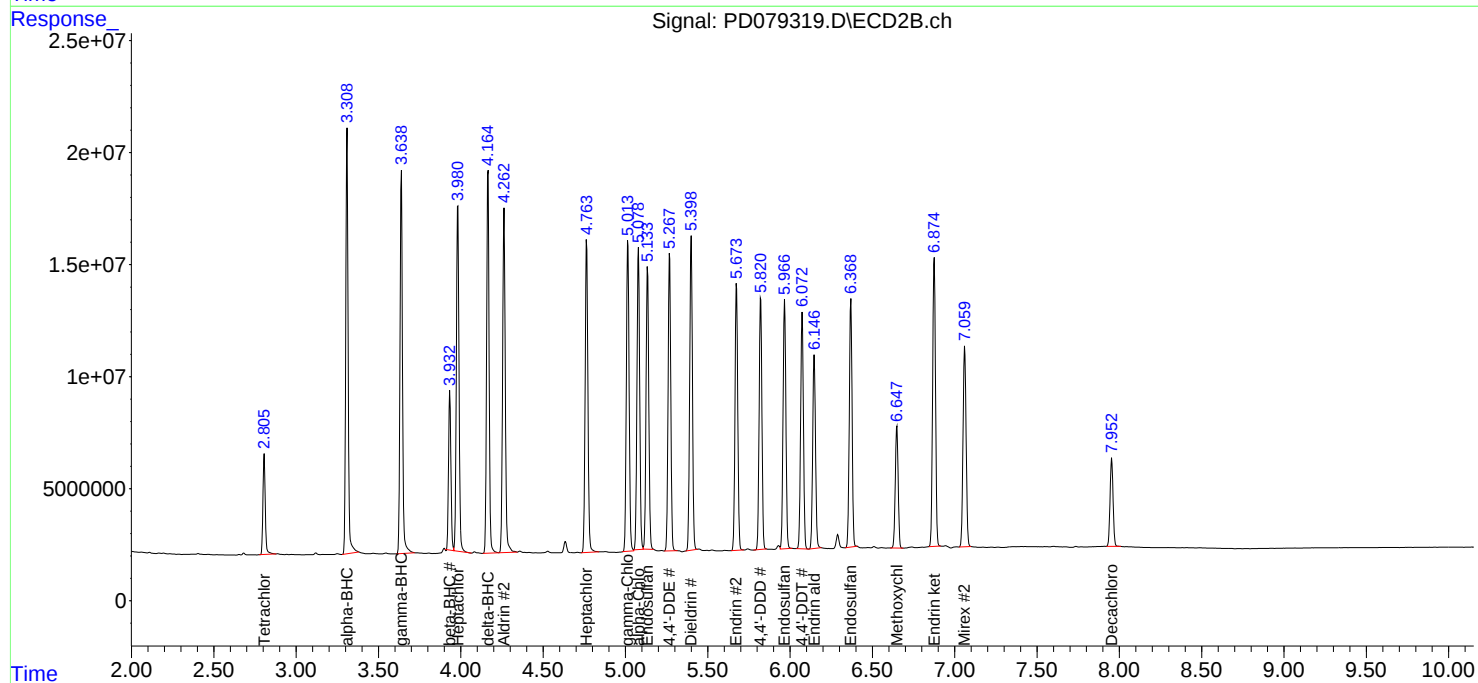
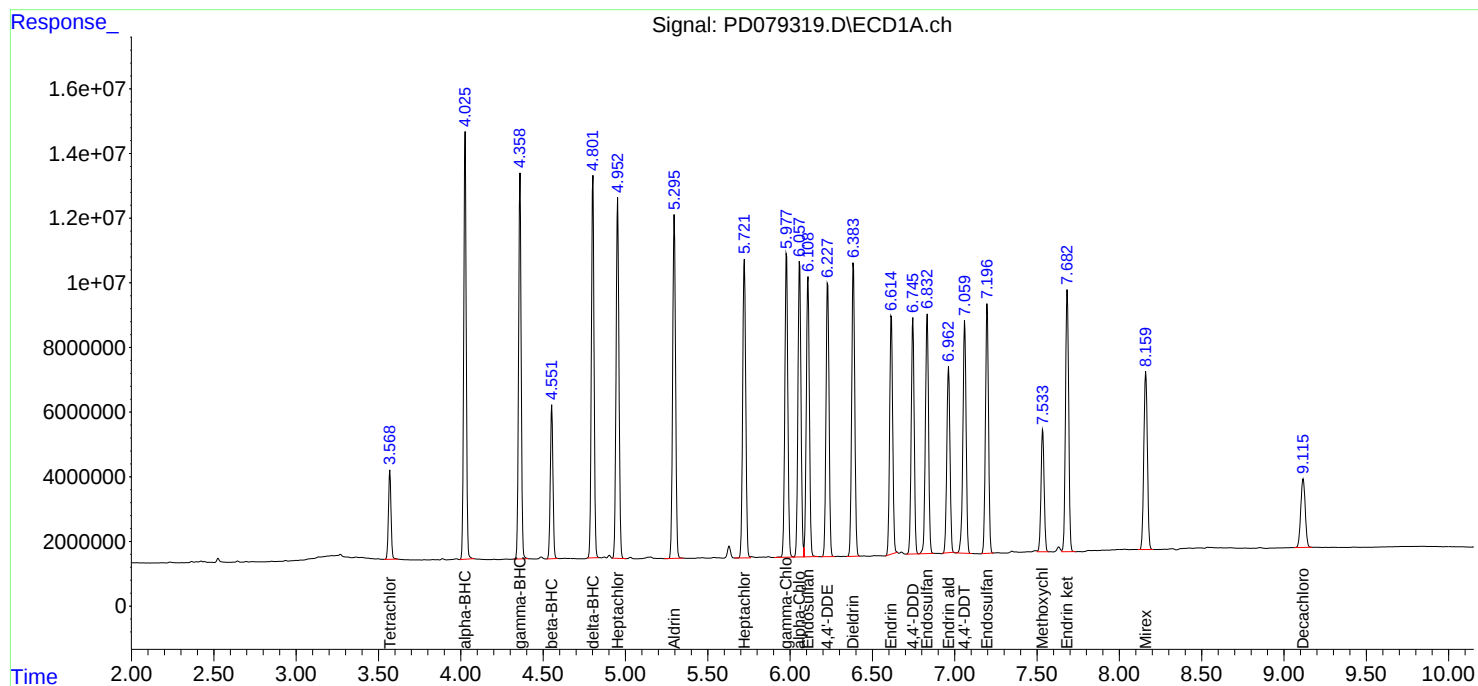
APPROVED

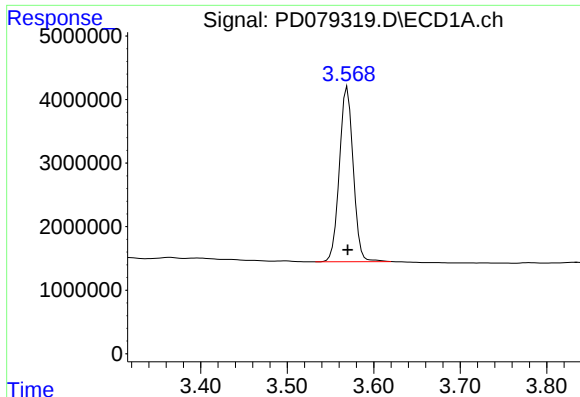
Reviewed By :Abdul Mirza 11/01/2023

Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:16:36 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





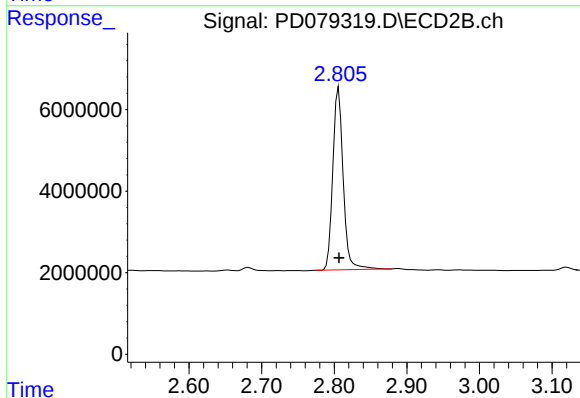
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 30319800
Conc: 18.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

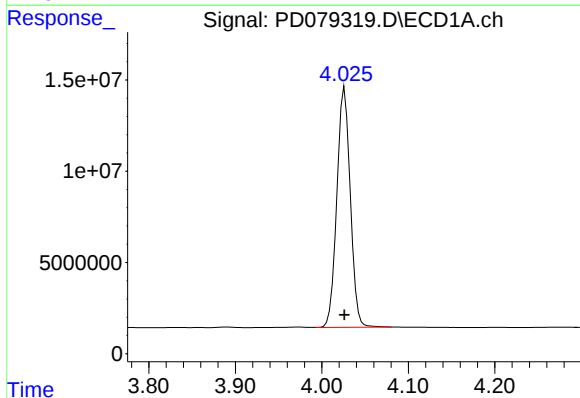
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



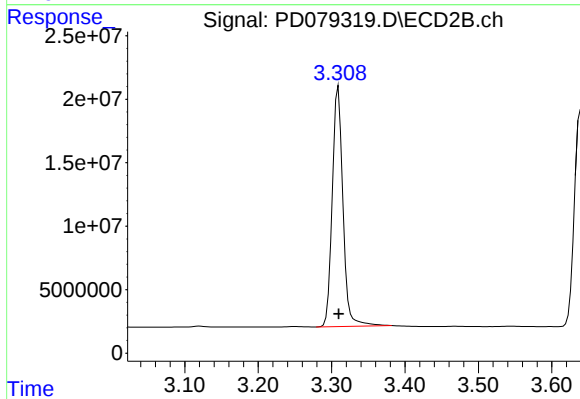
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 44692274
Conc: 19.30 ng/ml



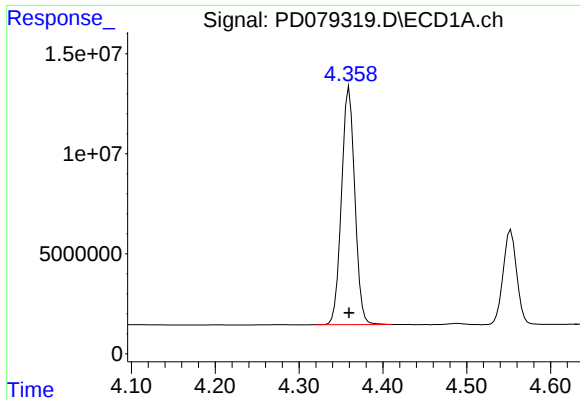
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 140885397
Conc: 52.92 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 191623297
Conc: 55.26 ng/ml



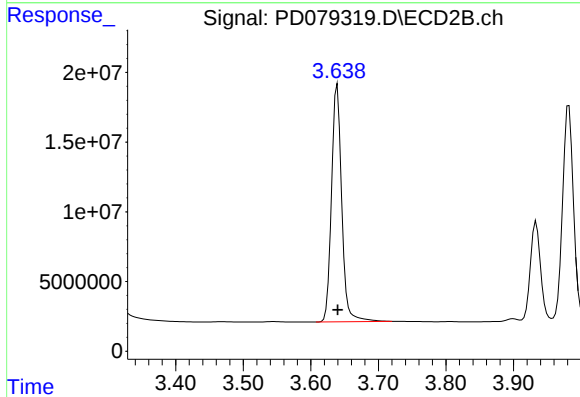
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 131126896
Conc: 50.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

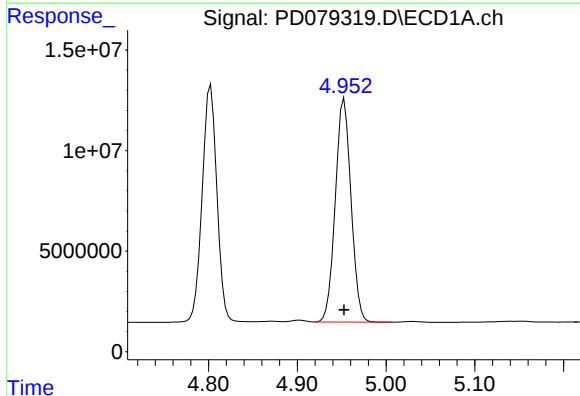
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



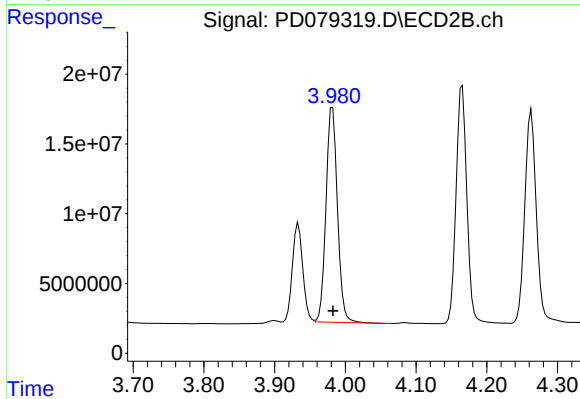
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 179832738
Conc: 52.96 ng/ml



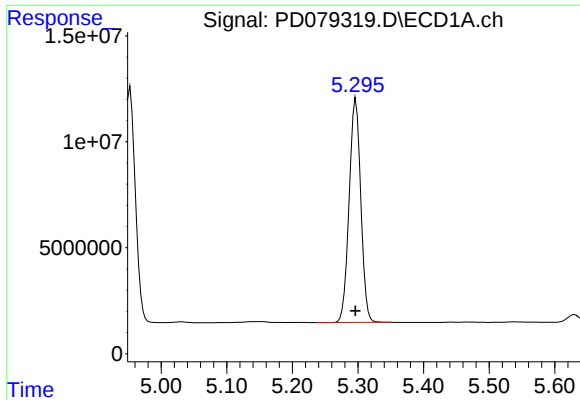
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 136644451
Conc: 51.08 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 173776665
Conc: 56.90 ng/ml



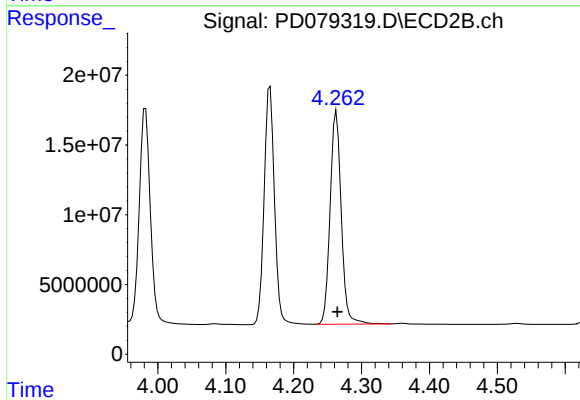
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 130315968
Conc: 50.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

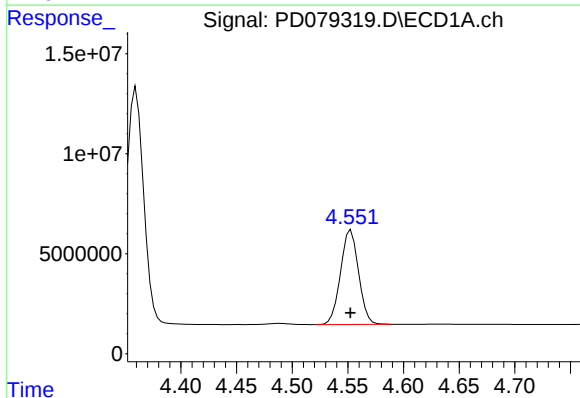
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



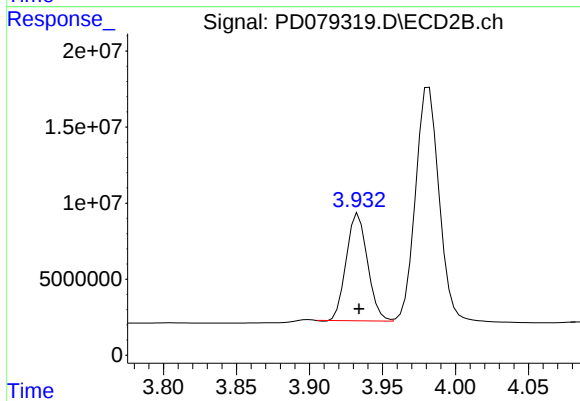
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 174100247
Conc: 53.22 ng/ml



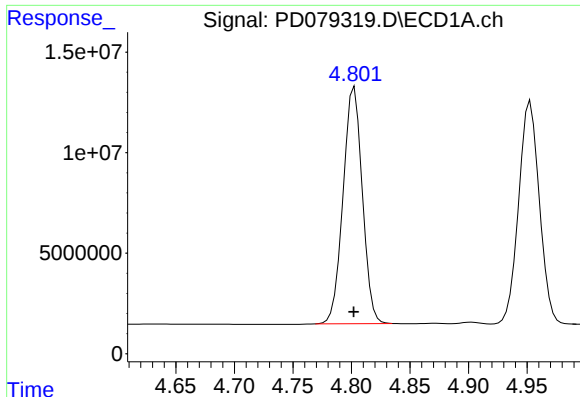
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 53310282
Conc: 49.75 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 71334158
Conc: 50.62 ng/ml



#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 134841558
Conc: 50.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

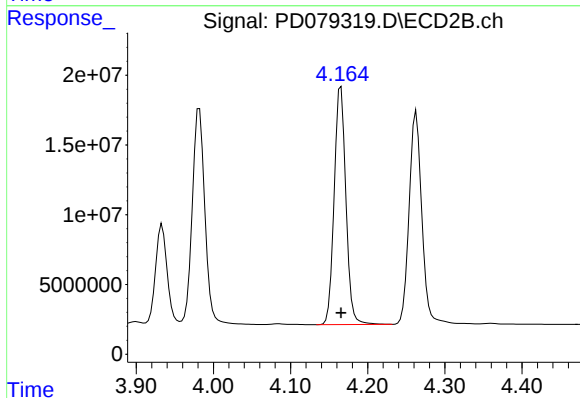
PB156732BS

Manual Integrations

APPROVED

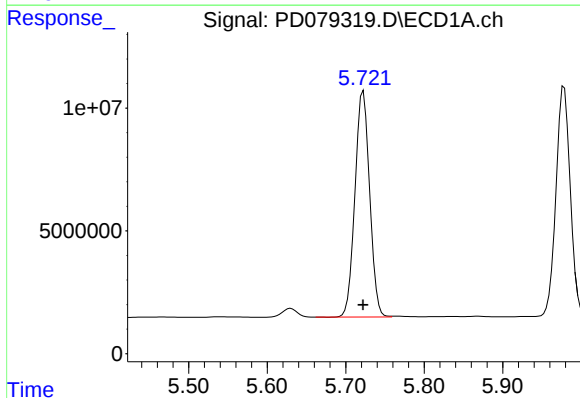
Reviewed By :Abdul Mirza 11/01/2023

Supervised By :mohammad ahmed 11/02/2023



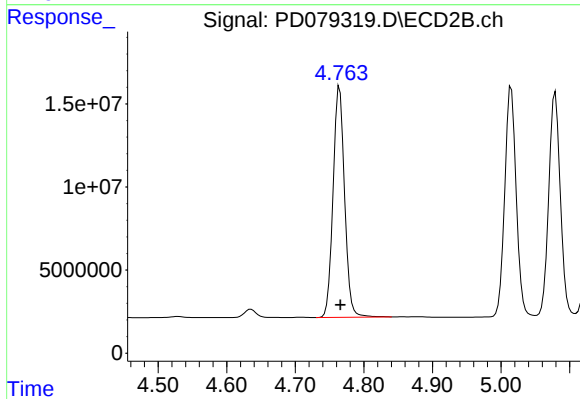
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 181064973
Conc: 54.08 ng/ml



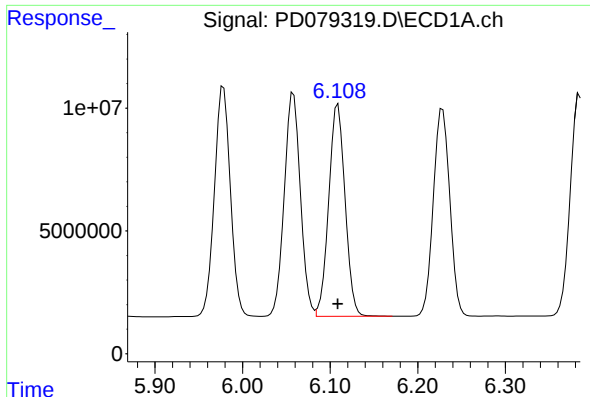
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 119686492
Conc: 51.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 162211930
Conc: 54.71 ng/ml



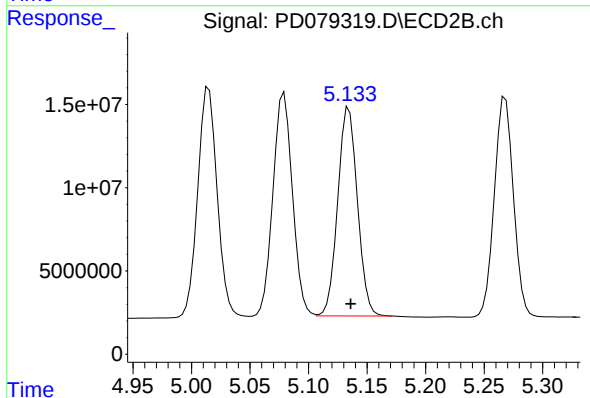
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 112024664
Conc: 51.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

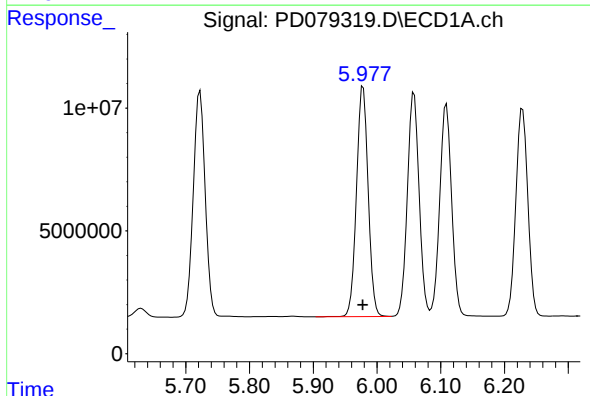
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



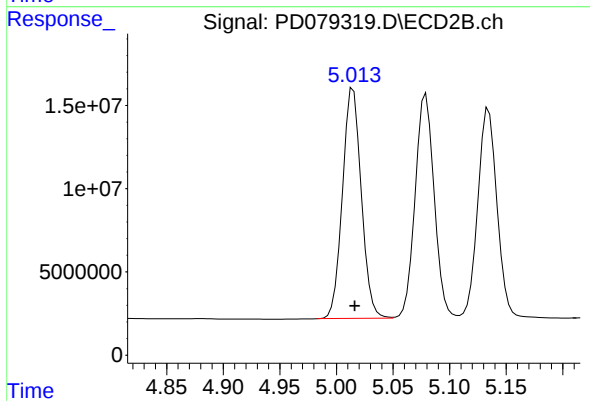
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 146464021
Conc: 55.32 ng/ml m



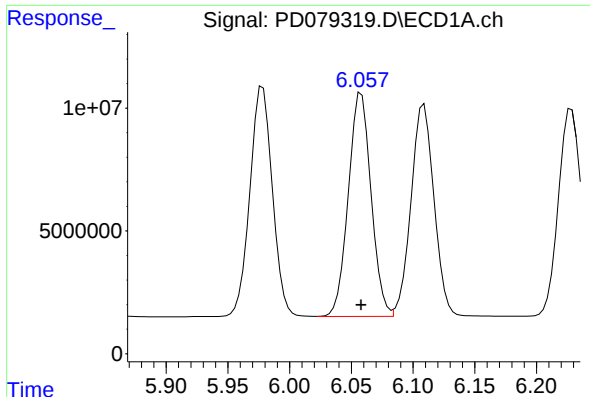
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 119271927
Conc: 52.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 160032559
Conc: 55.77 ng/ml m



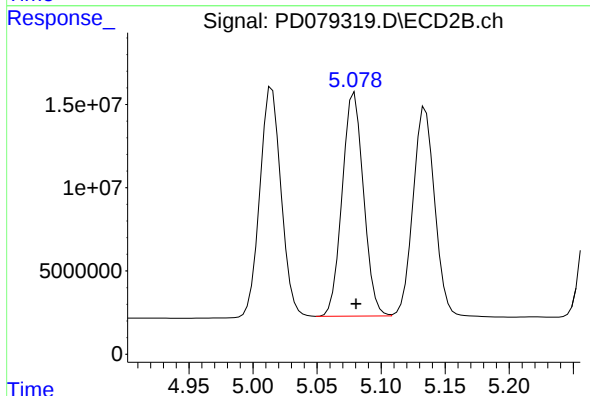
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 116945425
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

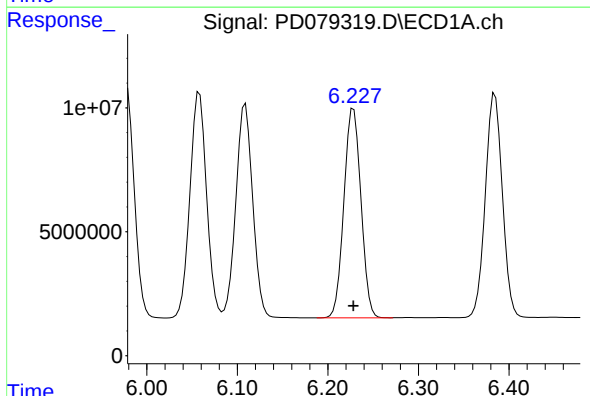
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



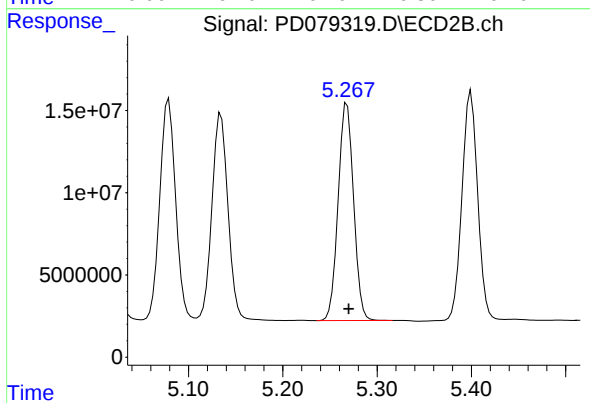
#11 alpha-Chlordane

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 155556350
Conc: 54.20 ng/ml m



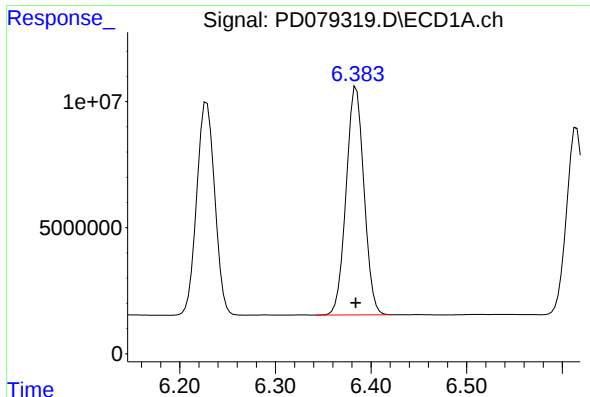
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 110611622
Conc: 52.35 ng/ml



#12 4,4'-DDE

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 150497297
Conc: 56.53 ng/ml



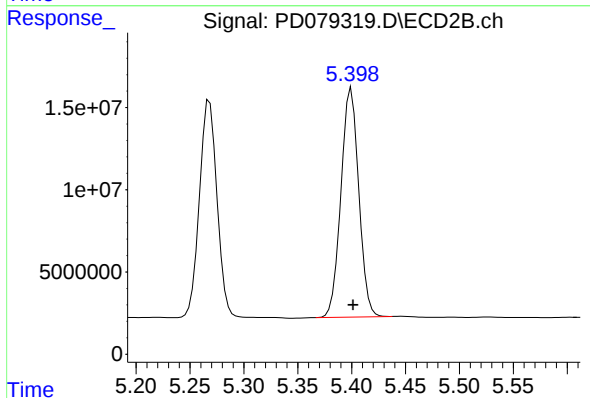
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 117830408
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

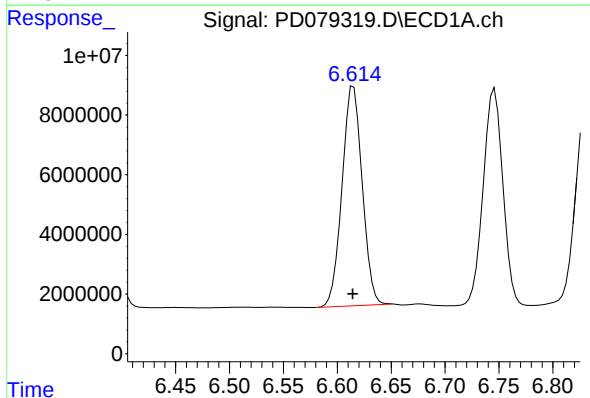
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



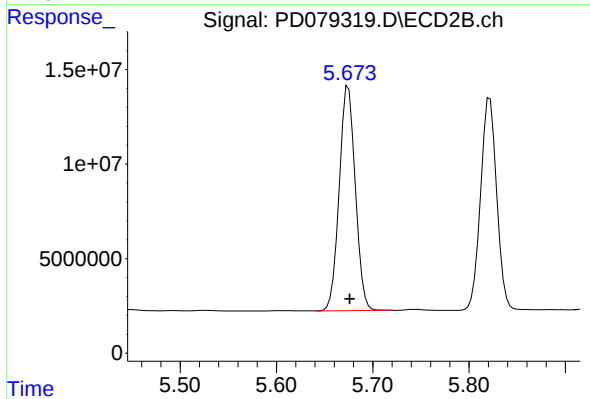
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 160099141
Conc: 53.91 ng/ml



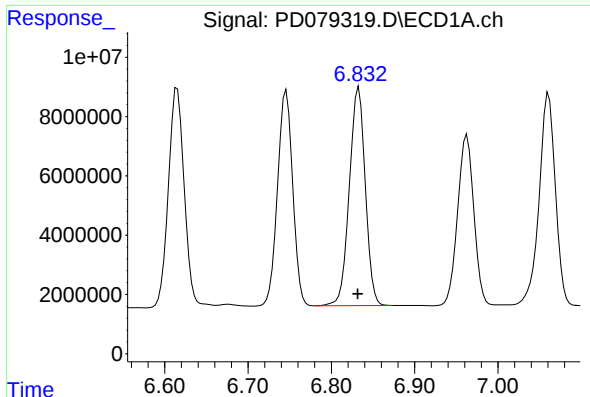
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 95980617
Conc: 49.28 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: -0.001 min
Response: 137527951
Conc: 53.74 ng/ml



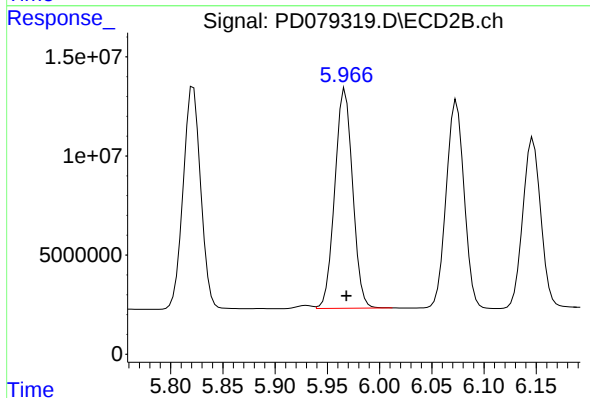
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 97802355
Conc: 47.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

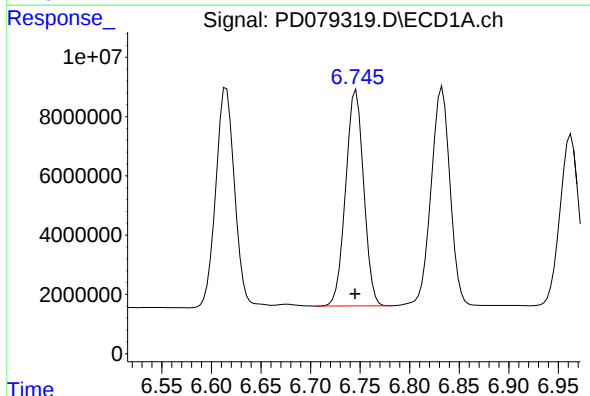
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



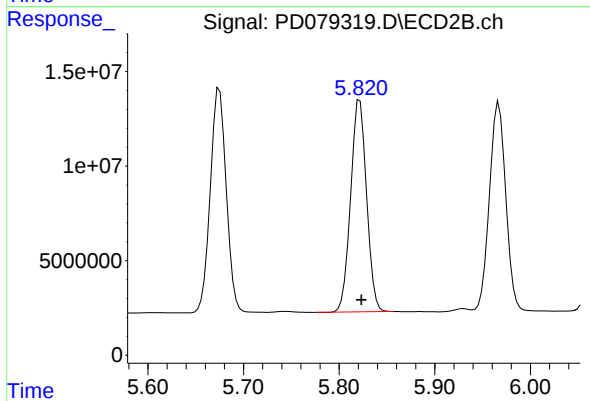
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 131182548
Conc: 52.55 ng/ml



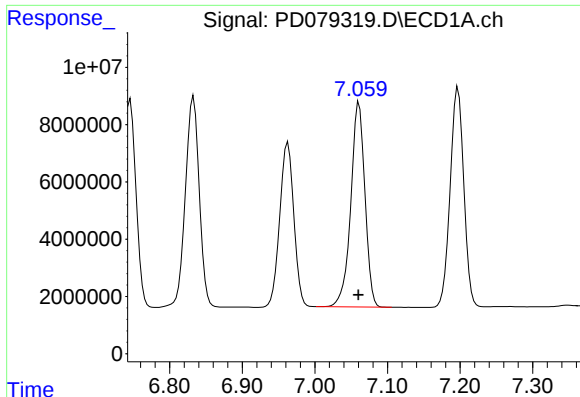
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 92322513
Conc: 52.52 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.002 min
Response: 130290727
Conc: 57.04 ng/ml



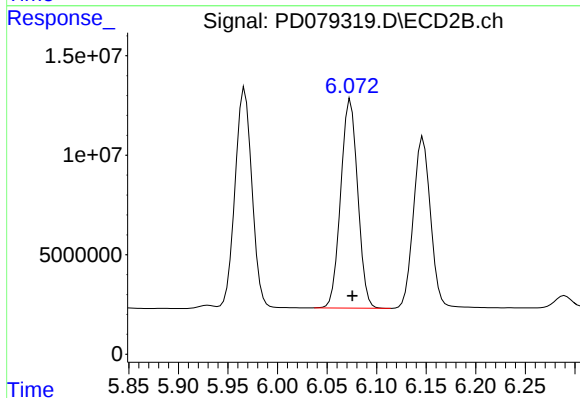
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 96792245
Conc: 51.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

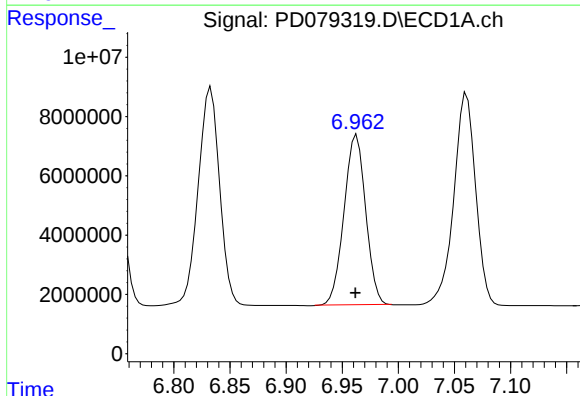
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



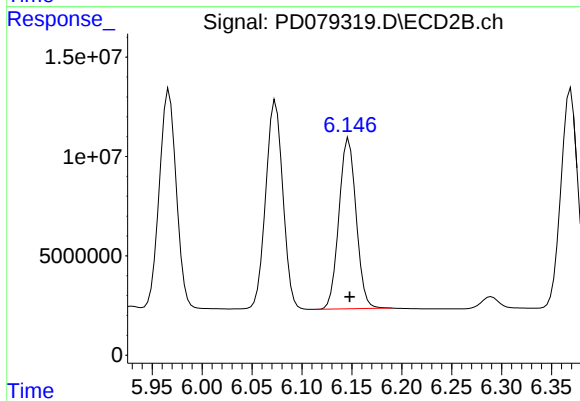
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 125213540
Conc: 54.69 ng/ml



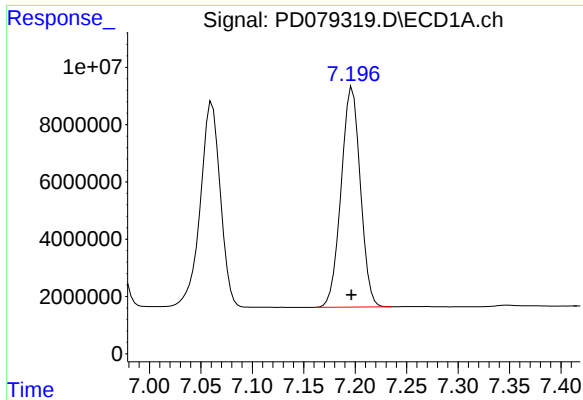
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 76770712
Conc: 49.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 102801464
Conc: 55.29 ng/ml



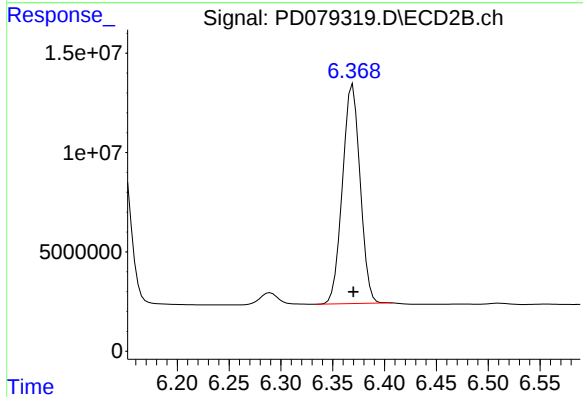
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 99996497
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

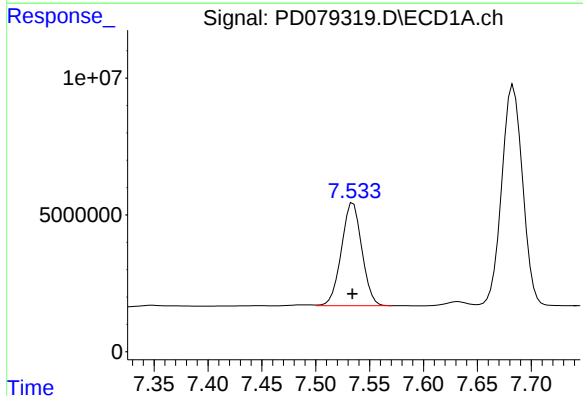
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



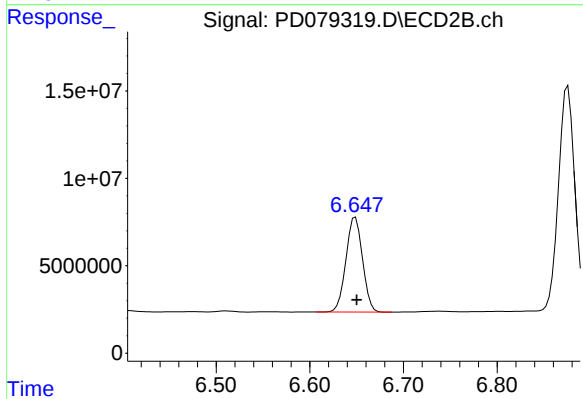
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 130896774
Conc: 56.06 ng/ml



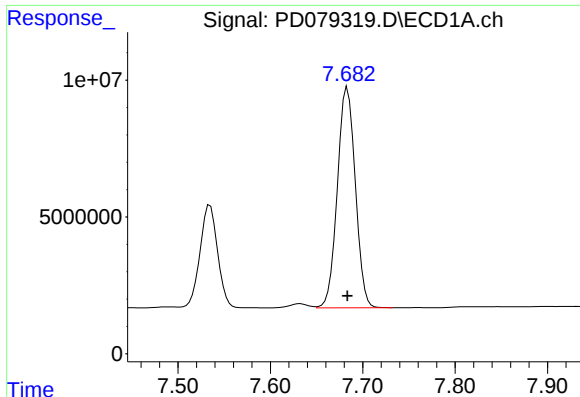
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 49688418
Conc: 45.35 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 66896085
Conc: 49.27 ng/ml



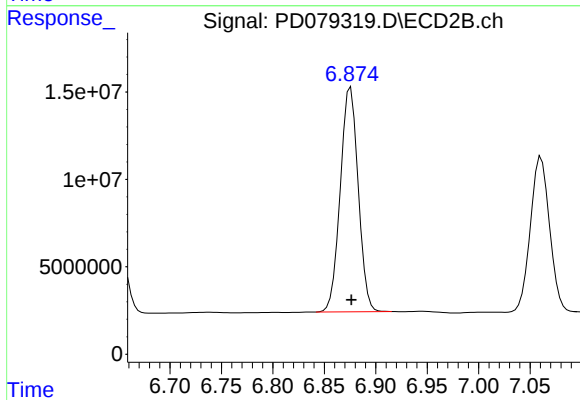
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 108944964
Conc: 49.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

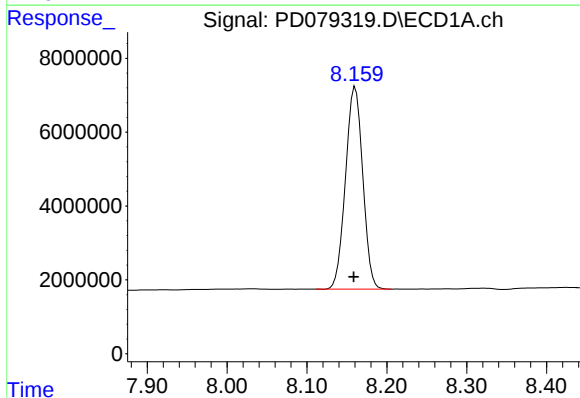
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



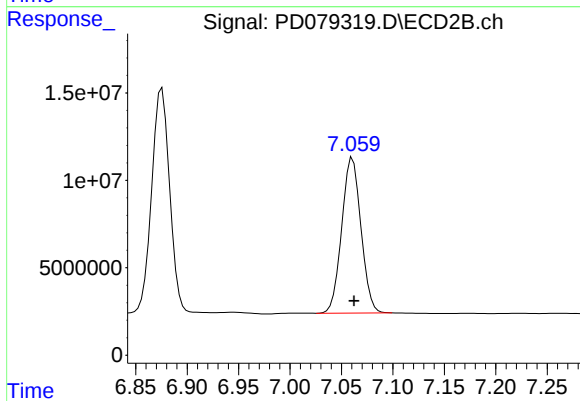
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 155720300
Conc: 55.70 ng/ml



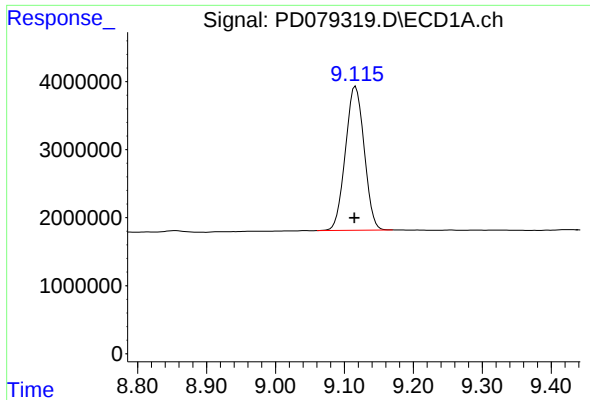
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 82228371
Conc: 48.58 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 115661311
Conc: 54.14 ng/ml



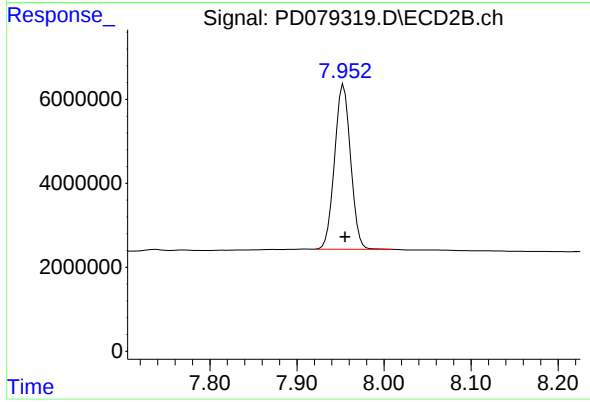
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 40020222
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156732BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 50309555
Conc: 20.64 ng/ml