

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
 Data File : PD079230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2023 13:17
 Operator : AR\AJ
 Sample : 05142-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSC-124037MSD

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 21:23:56 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	26805073	36374087	16.602	15.710
28)	SA Decachlor...	9.121	7.957	27267943	34723694	13.593	14.246
Target Compounds							
2)	A alpha-BHC	4.027	3.309	129.6E6	173.6E6	48.676	50.063
3)	MA gamma-BHC...	4.359	3.640	129.3E6	172.9E6	49.754m	50.921
4)	MA Heptachlor	4.954	3.983	125.4E6	163.4E6	46.894	53.491
5)	MB Aldrin	5.298	4.264	126.0E6	166.5E6	48.884	50.893
6)	B beta-BHC	4.554	3.934	49960814	68912681	46.623	48.905
7)	B delta-BHC	4.802	4.166	127.9E6	171.8E6	47.782m	51.321
8)	B Heptachlo...	5.724	4.766	112.5E6	149.1E6	47.999	50.304
9)	A Endosulfan I	6.111	5.136	104.2E6	133.7E6	48.076	50.487m
10)	B gamma-Chl...	5.980	5.015	108.7E6	146.1E6	47.409	50.926m
11)	B alpha-Chl...	6.060	5.080	109.8E6	143.9E6	48.155	50.143m
12)	B 4,4'-DDE	6.231	5.270	100.2E6	139.1E6	47.424	52.255
13)	MA Dieldrin	6.387	5.401	112.7E6	153.6E6	48.397	51.710m
14)	MA Endrin	6.617	5.677	94412732	135.5E6	48.476	52.966
15)	B Endosulfa...	6.834	5.969	94826259	127.3E6	46.492	51.010
16)	A 4,4'-DDD	6.748	5.824	85413279	117.6E6	48.587	51.495
17)	MA 4,4'-DDT	7.064	6.076	86505459	114.6E6	45.681	50.061
18)	B Endrin al...	6.963	6.149	70877069	91684265	45.896m	49.311
19)	B Endosulfa...	7.200	6.371	91255854	115.8E6	45.900	49.598
20)	A Methoxychlor	7.537	6.651	47639946	61138749	43.476	45.033
21)	B Endrin ke...	7.687	6.878	101.3E6	137.2E6	46.474	49.087
22)	Mirex	8.164	7.064	85255730	117.8E6	50.368	55.132

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
Data File : PD079230.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2023 13:17
Operator : AR\AJ
Sample : 05142-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSC-124037MSD

Manual Integrations

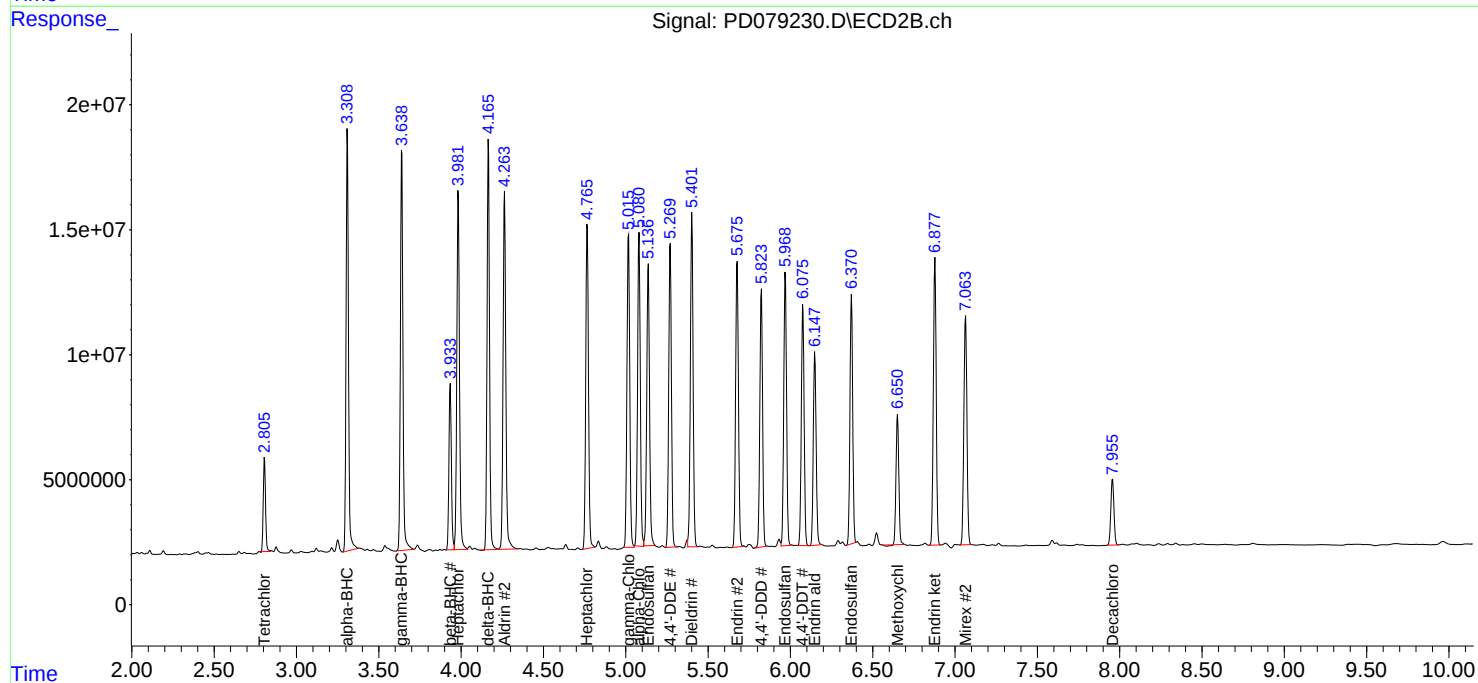
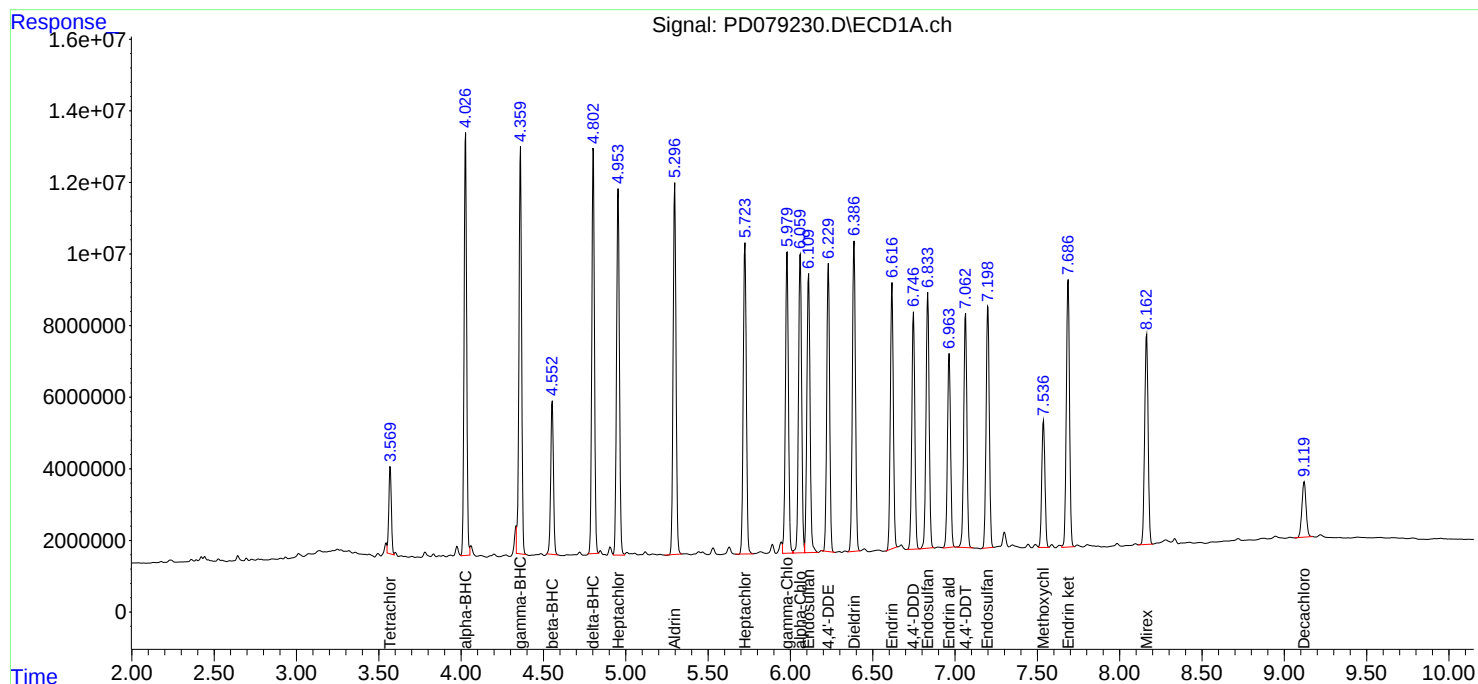
APPROVED

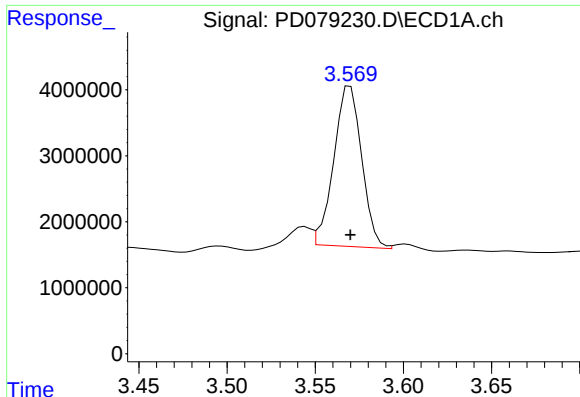
Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 21:23:56 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





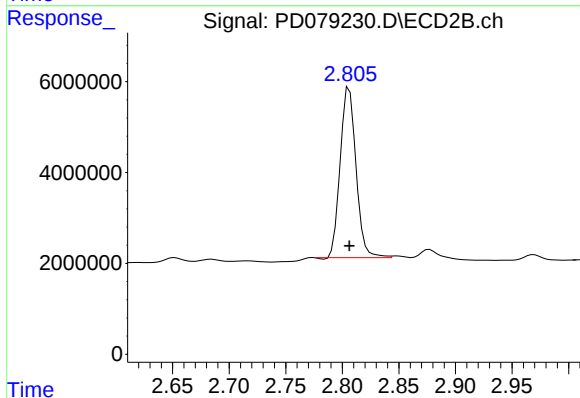
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 26805073
Conc: 16.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

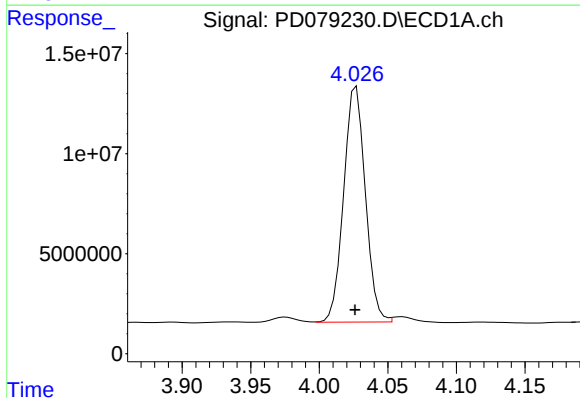
Manual Integrations
APPROVED

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



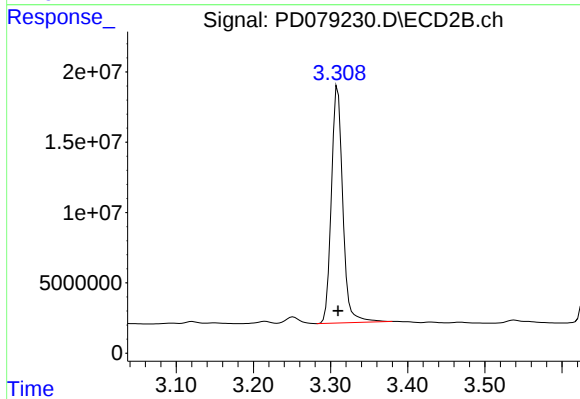
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 36374087
Conc: 15.71 ng/ml



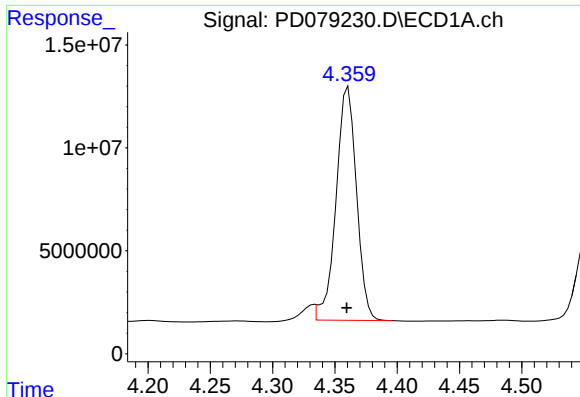
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 129579652
Conc: 48.68 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 173591472
Conc: 50.06 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 129301934
Conc: 49.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

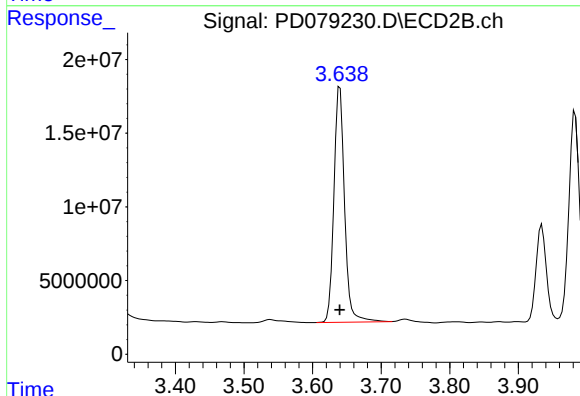
PSC-124037MSD

Manual Integrations

APPROVED

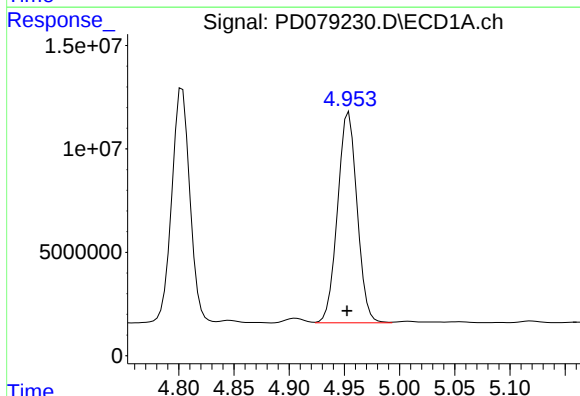
Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



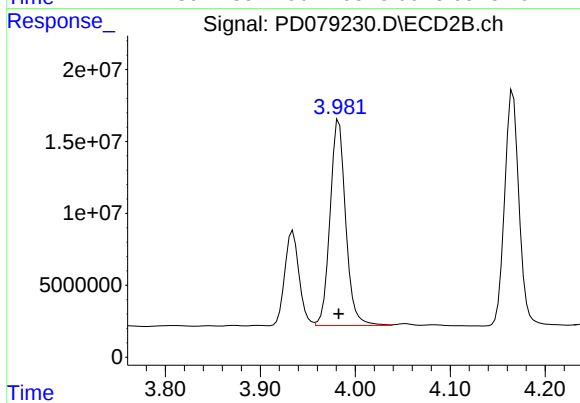
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 172917019
Conc: 50.92 ng/ml



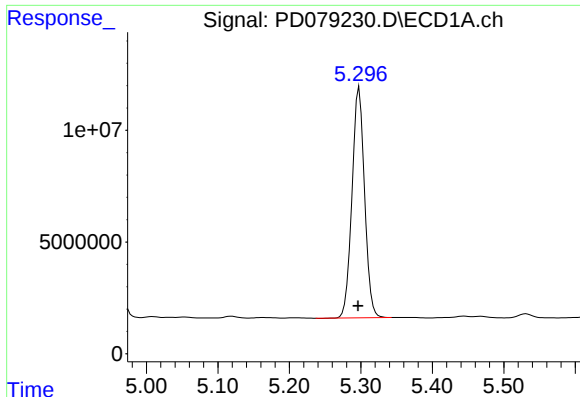
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 125439374
Conc: 46.89 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 163369106
Conc: 53.49 ng/ml



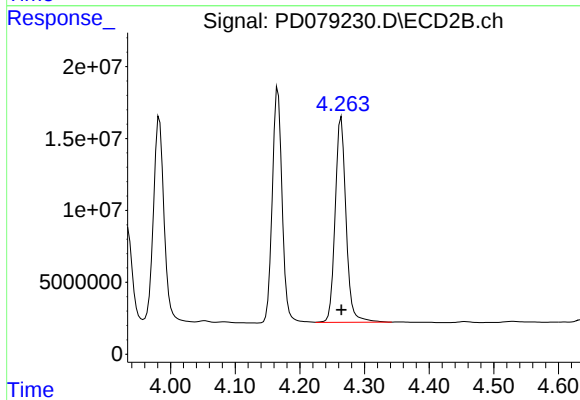
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 125965192
Conc: 48.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

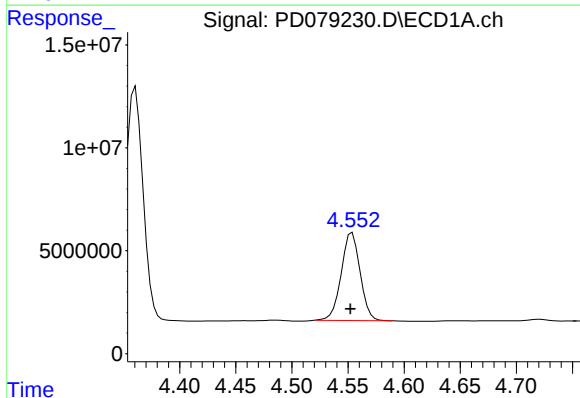
Manual Integrations
APPROVED

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



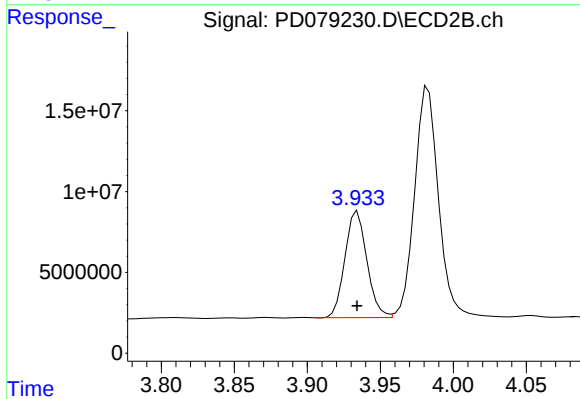
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 166489333
Conc: 50.89 ng/ml



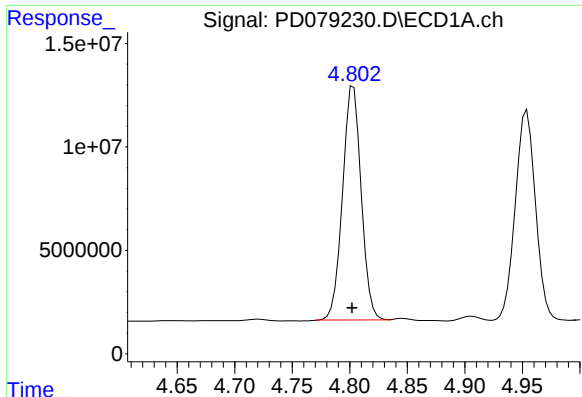
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 49960814
Conc: 46.62 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 68912681
Conc: 48.91 ng/ml



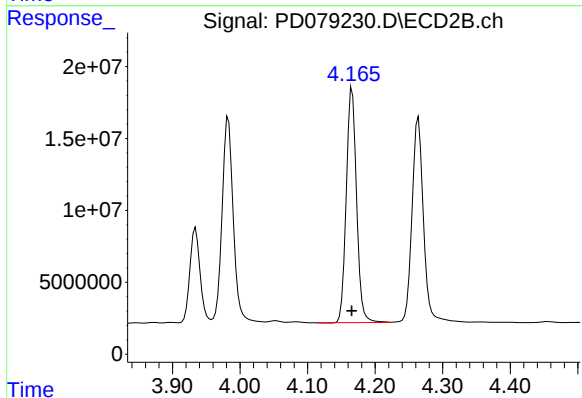
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 127914598
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

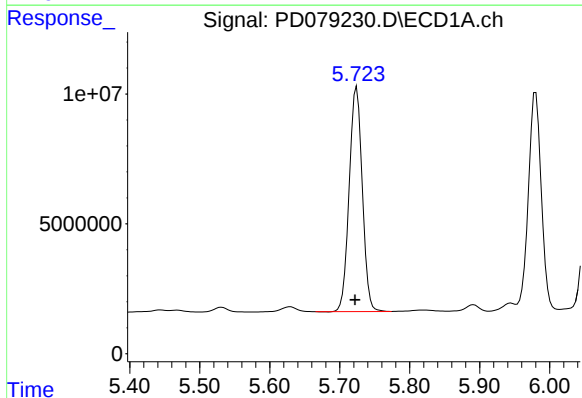
Manual Integrations
APPROVED

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



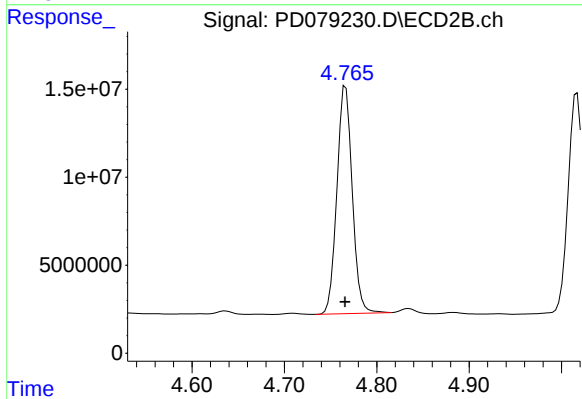
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 171835165
Conc: 51.32 ng/ml



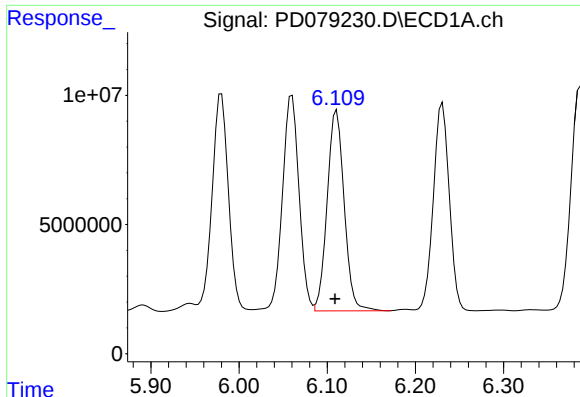
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 112494990
Conc: 48.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 149135821
Conc: 50.30 ng/ml



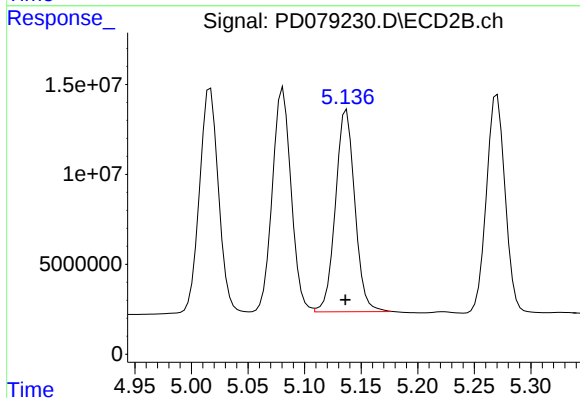
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 104226670
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

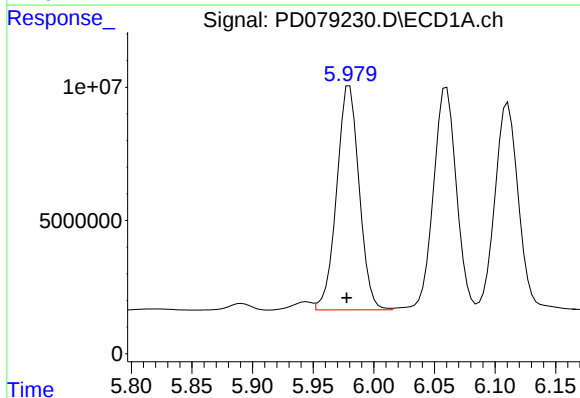
Manual Integrations
APPROVED

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



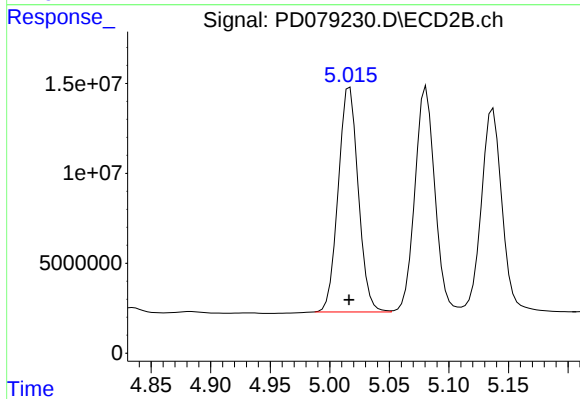
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 133674318
Conc: 50.49 ng/ml m



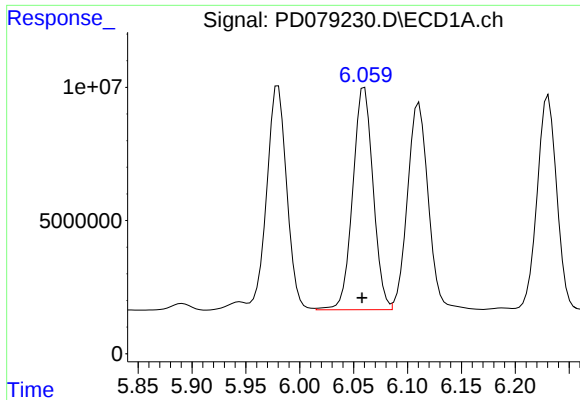
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 108696595
Conc: 47.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 146128227
Conc: 50.93 ng/ml m



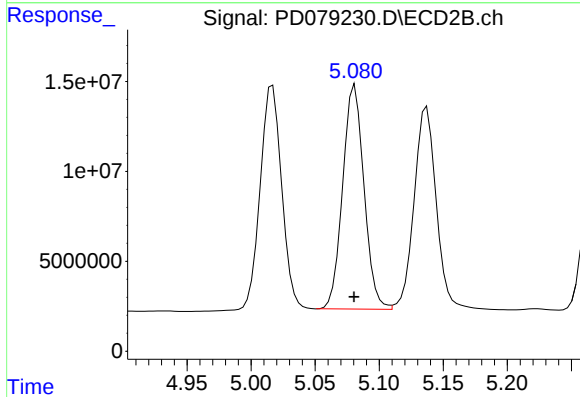
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 109803405
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

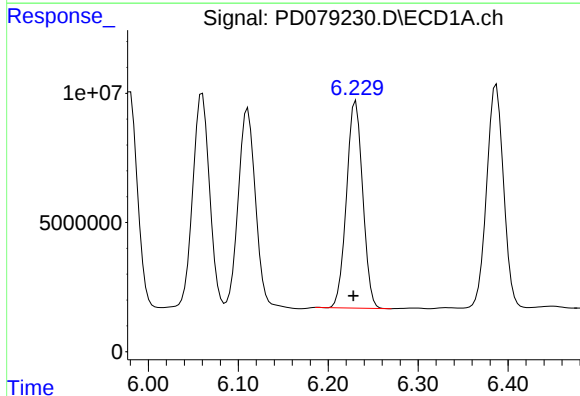
Manual Integrations
APPROVED

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



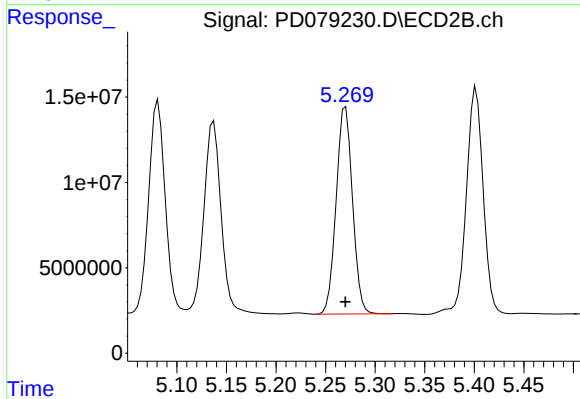
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 143901725
Conc: 50.14 ng/ml m



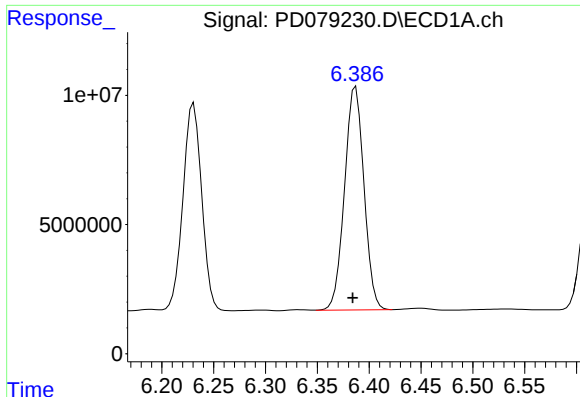
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 100211628
Conc: 47.42 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 139123350
Conc: 52.26 ng/ml



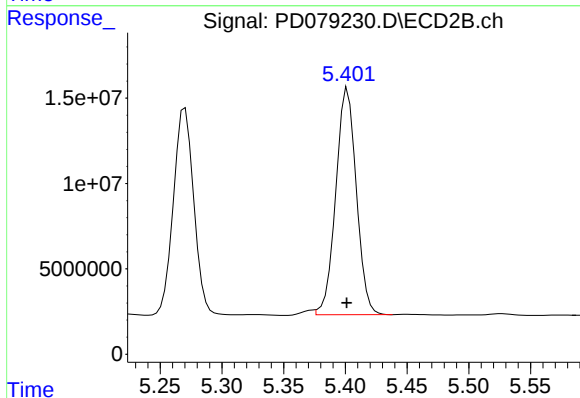
#13 Dieldrin

R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 112708295
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

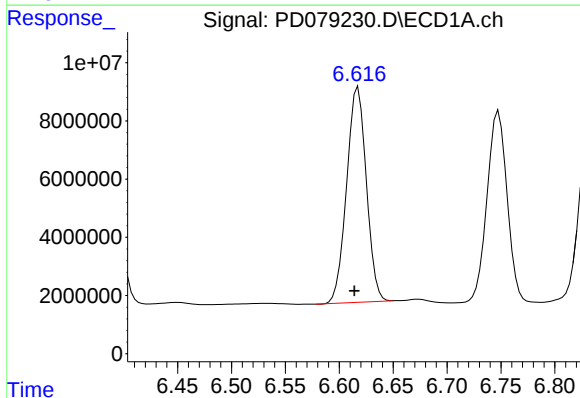
Manual Integrations
APPROVED

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



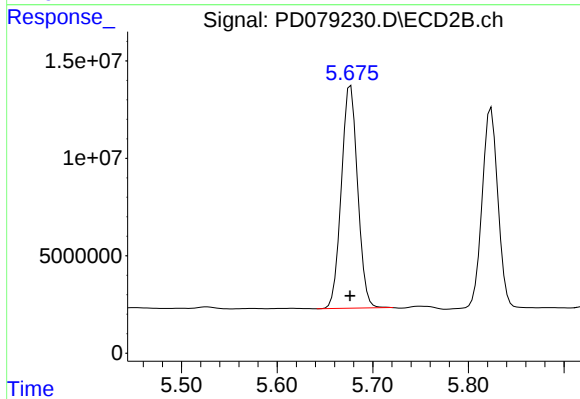
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 153572667
Conc: 51.71 ng/ml m



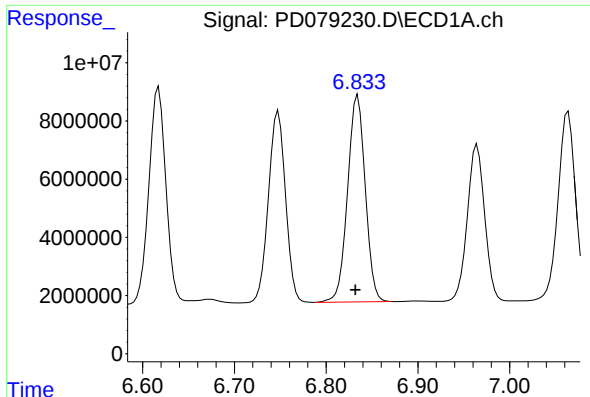
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 94412732
Conc: 48.48 ng/ml



#14 Endrin

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 135547668
Conc: 52.97 ng/ml



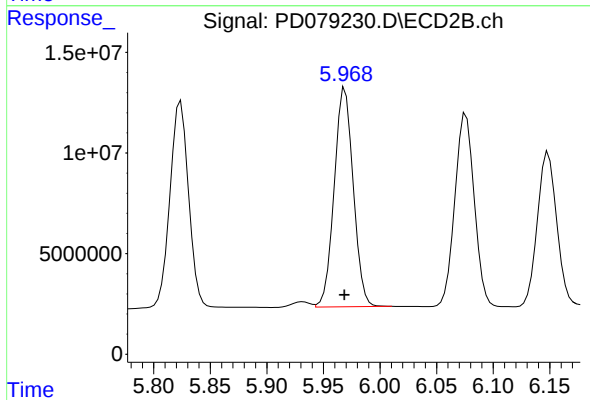
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.003 min
Response: 94826259
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

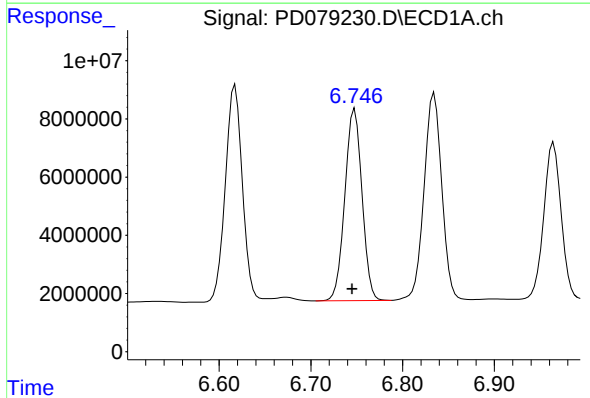
Manual Integrations
APPROVED

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



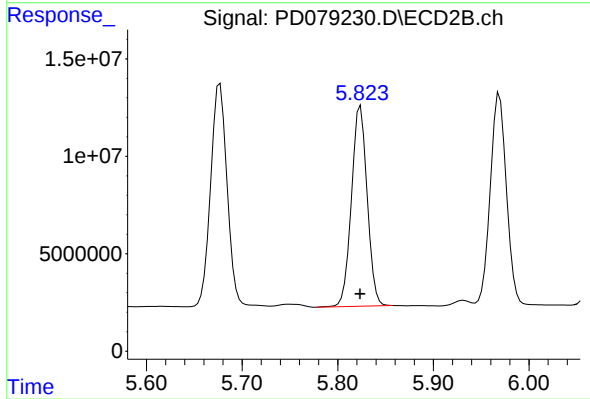
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 127345998
Conc: 51.01 ng/ml



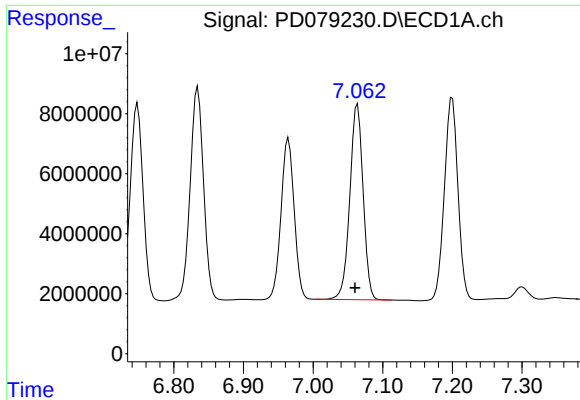
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 85413279
Conc: 48.59 ng/ml



#16 4,4'-DDD

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 117628180
Conc: 51.50 ng/ml



#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.004 min
Response: 86505459
Conc: 45.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

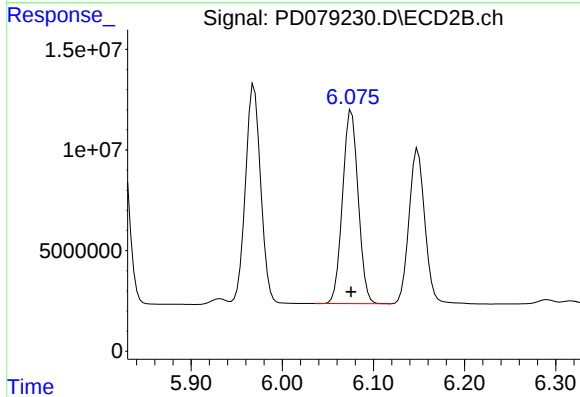
PSC-124037MSD

Manual Integrations

APPROVED

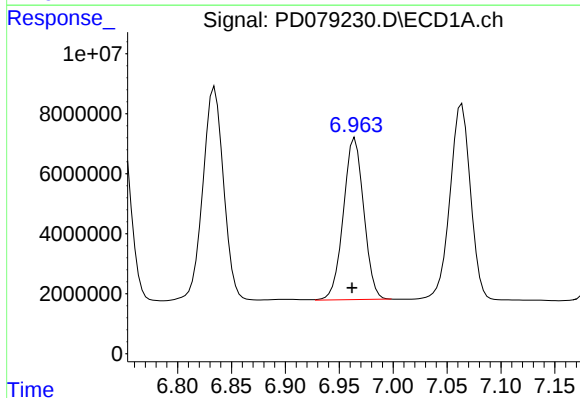
Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



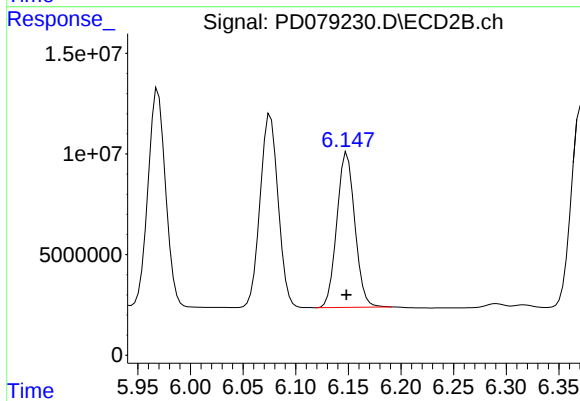
#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 114609058
Conc: 50.06 ng/ml



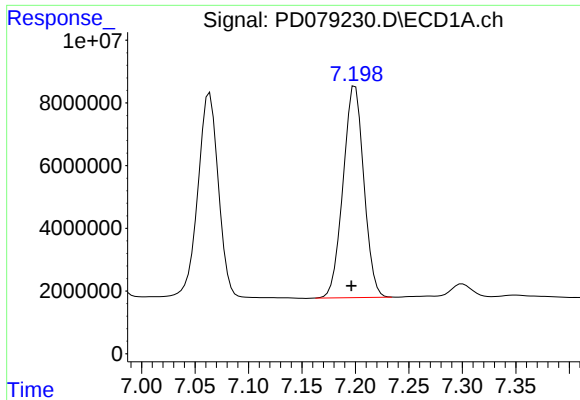
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 70877069
Conc: 45.90 ng/ml m



#18 Endrin aldehyde

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 91684265
Conc: 49.31 ng/ml



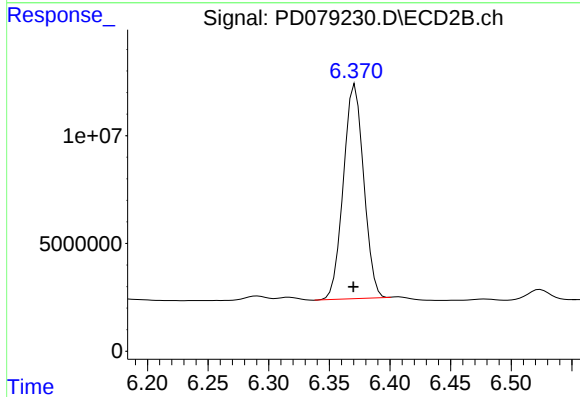
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.004 min
Response: 91255854
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

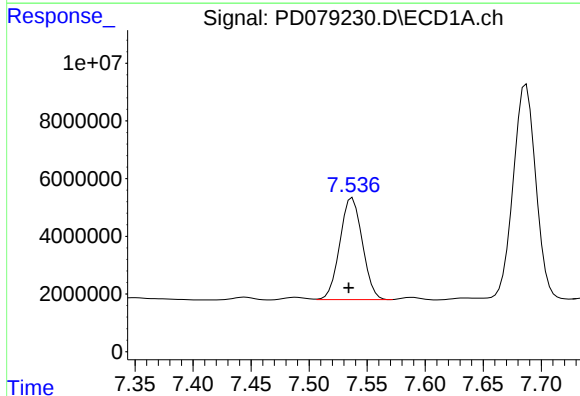
Manual Integrations
APPROVED

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



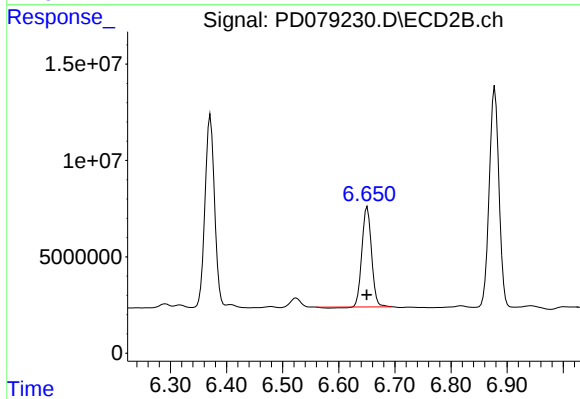
#19 Endosulfan Sulfate

R.T.: 6.371 min
Delta R.T.: 0.001 min
Response: 115801743
Conc: 49.60 ng/ml



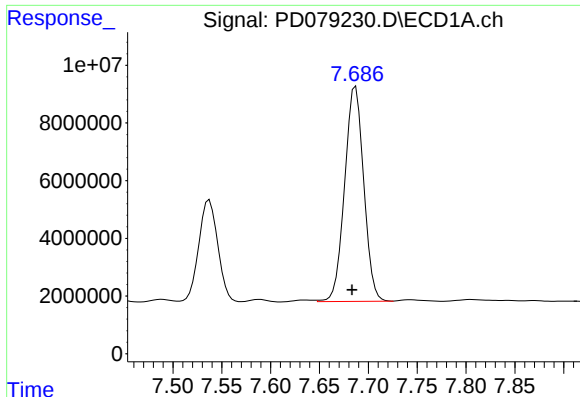
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 47639946
Conc: 43.48 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 61138749
Conc: 45.03 ng/ml



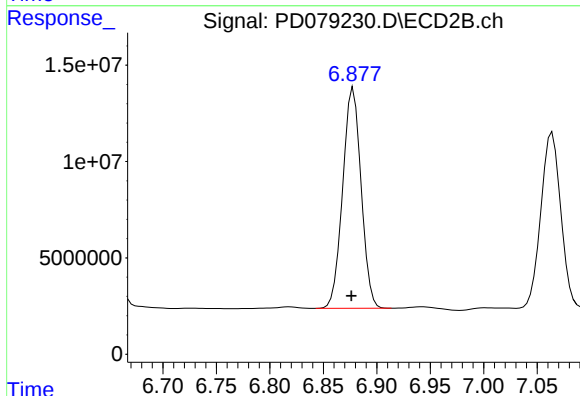
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.004 min
Response: 101321094
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

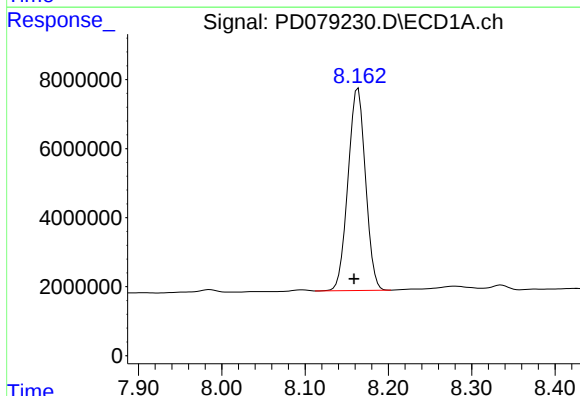
Manual Integrations
APPROVED

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



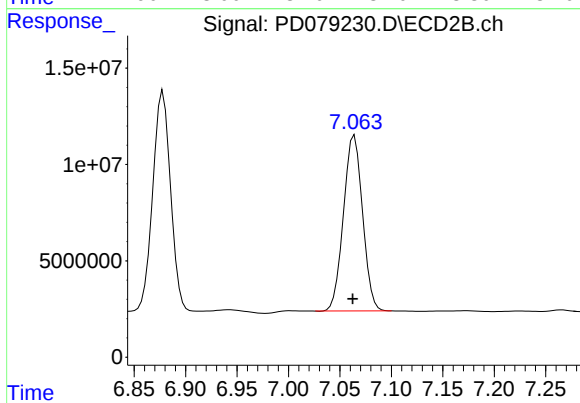
#21 Endrin ketone

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 137233018
Conc: 49.09 ng/ml



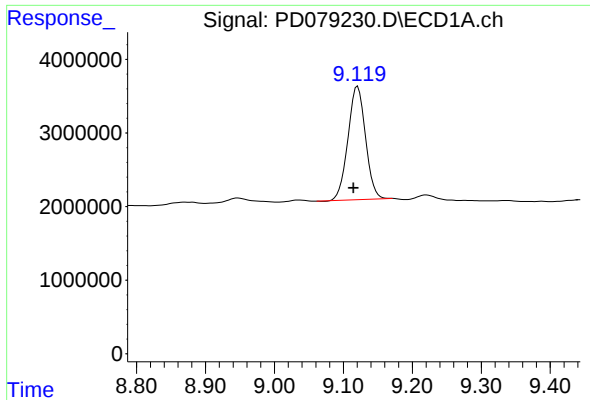
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.005 min
Response: 85255730
Conc: 50.37 ng/ml



#22 Mirex

R.T.: 7.064 min
Delta R.T.: 0.002 min
Response: 117780033
Conc: 55.13 ng/ml



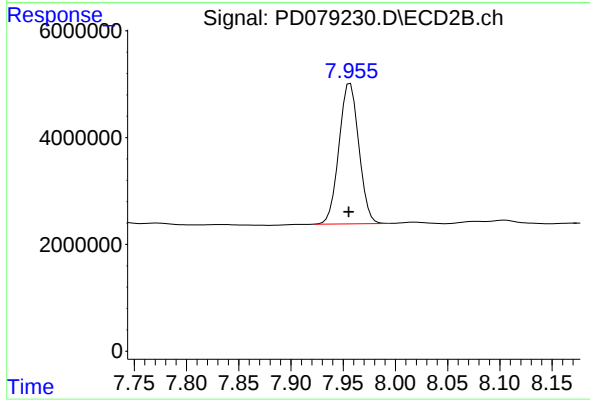
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.006 min
Response: 27267943
Conc: 13.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.957 min
Delta R.T.: 0.001 min
Response: 34723694
Conc: 14.25 ng/ml