

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 14:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/06/2022
 Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:03:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.638	5.493	15794004	91594893	49.312	55.808
28)	SA Decachlor...	10.412	11.333	23615772	80491291	46.442	45.013
Target Compounds							
2)	A alpha-BHC	5.346	6.055	20343699	132.6E6	49.354	58.941
3)	MA gamma-BHC...	5.770	6.445	20211814	122.8E6	48.454	57.522
4)	MA Heptachlor	6.181	7.103	20509615	125.2E6	45.456	53.448
5)	MB Aldrin	6.506	7.471	19485704	118.6E6	47.162	56.606
6)	B beta-BHC	6.149	6.681	10149293	55845892	49.293	53.576
7)	B delta-BHC	6.411	6.948	20137980	122.0E6	50.138	56.645
8)	B Heptachlo...	7.082	7.927	20067101	108.9E6	46.562	54.521
9)	A Endosulfan I	7.485	8.328	19566068	96767757	47.697	53.012
10)	B gamma-Chl...	7.360	8.196	20819501	110.3E6	47.609	53.995
11)	B alpha-Chl...	7.430	8.278	20866968	106.3E6	47.218	53.126
12)	B 4,4'-DDE	7.642	8.462	17316179	96667424	48.256m	53.933
13)	MA Dieldrin	7.772	8.613	19916804	96166761	47.805	52.130
14)	MA Endrin	8.064	8.847	18764804	75802401	48.362	49.241
15)	B Endosulfa...	8.375	9.071	18575772	73973534	47.523	48.165
16)	A 4,4'-DDD	8.229	8.990	15682320	73387219	48.292	50.275
17)	MA 4,4'-DDT	8.491	9.308	16565592	74678073	43.803	45.688
18)	B Endrin al...	8.563	9.201	14691260	57562450	46.455	46.940m
19)	B Endosulfa...	8.793	9.441	19820137	76049513	46.920m	48.253
20)	A Methoxychlor	9.086	9.788	10601435	37114067	41.326	41.189
21)	B Endrin ke...	9.313	9.929	23751580	77635592	48.549	47.035
22)	Mirex	9.501	10.406	21467852	61237781	45.525	45.079

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 14:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

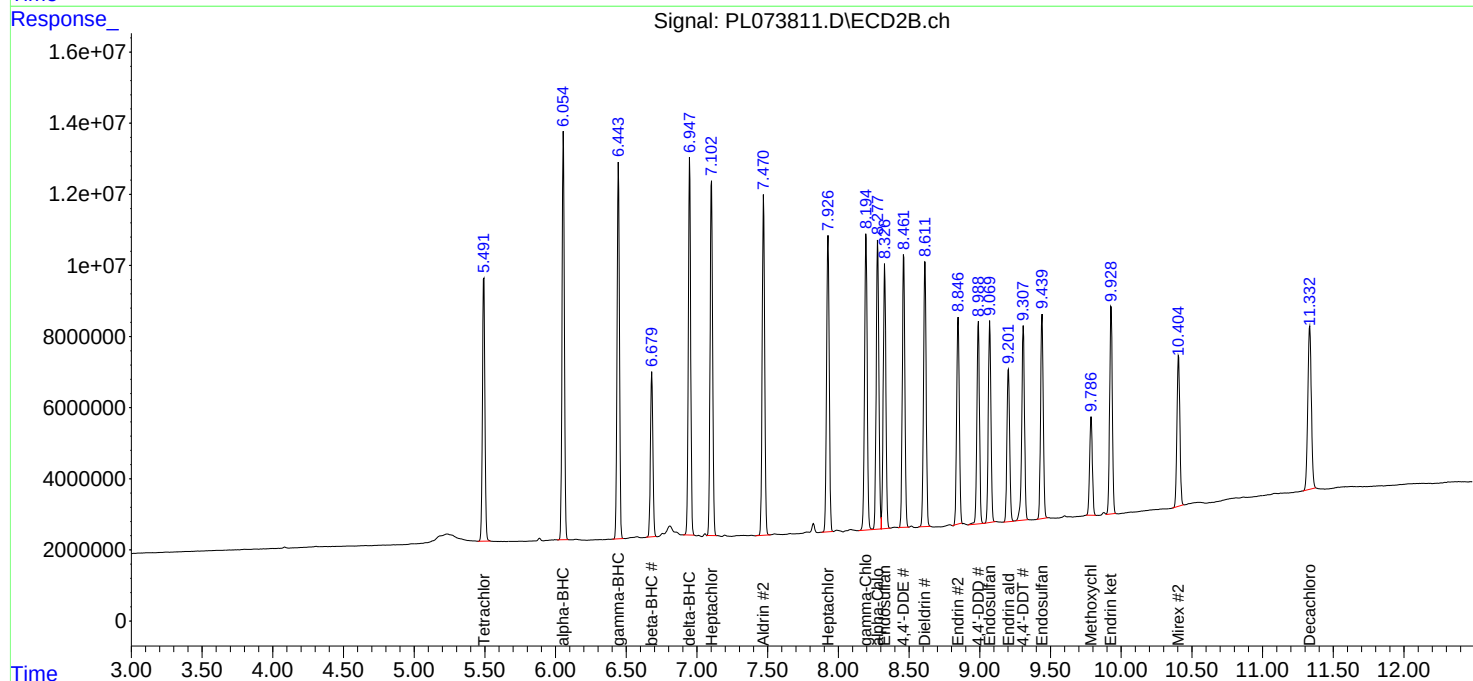
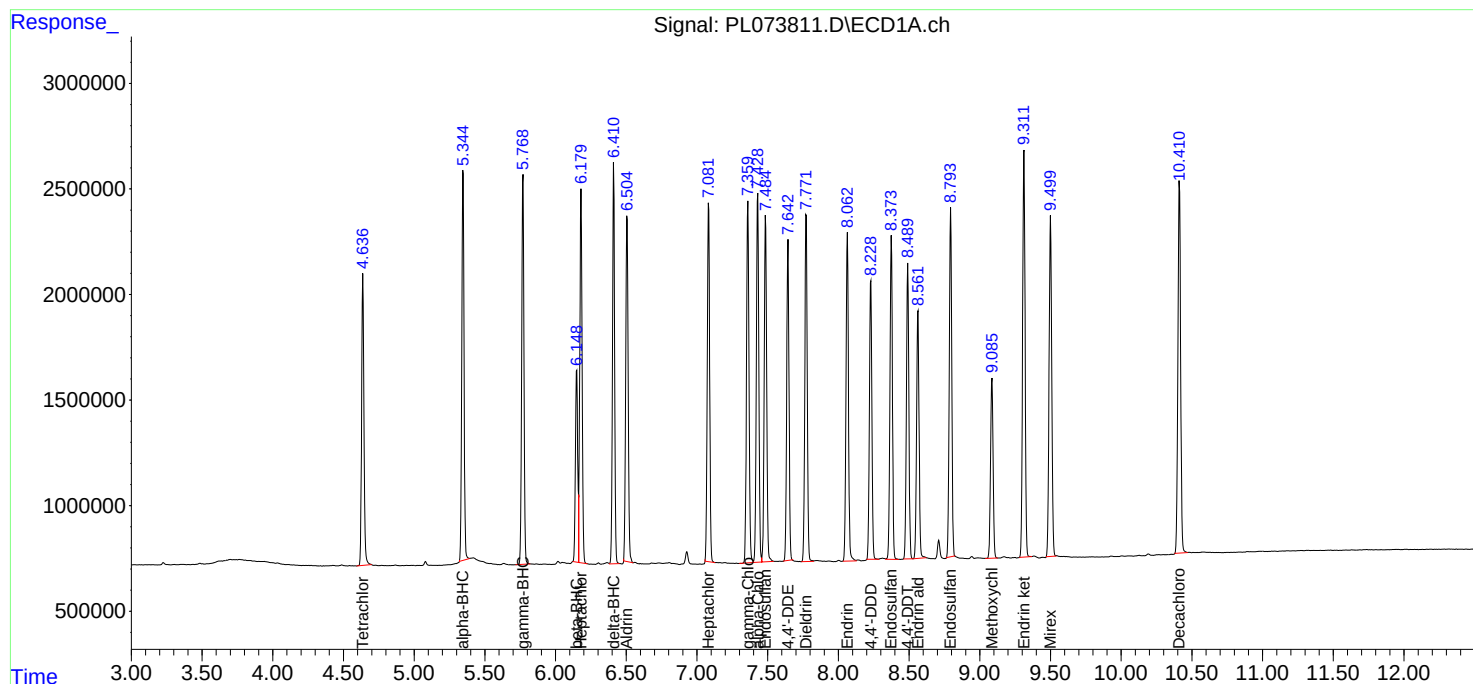
APPROVED

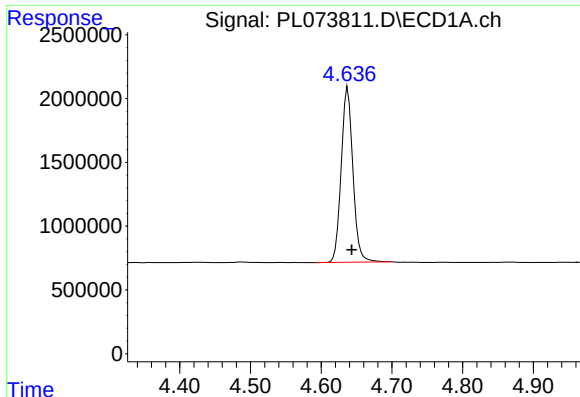
Reviewed By :Abdul Mirza 04/06/2022

Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:03:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





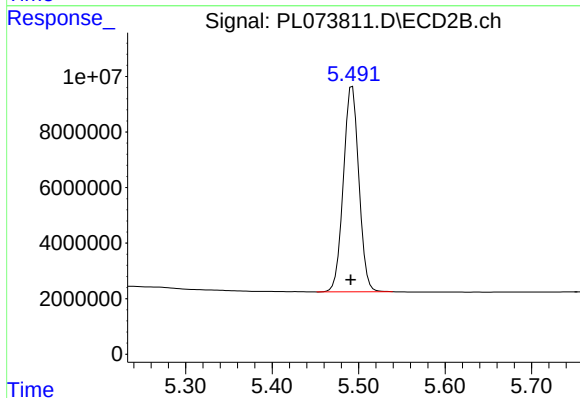
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 15794004
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

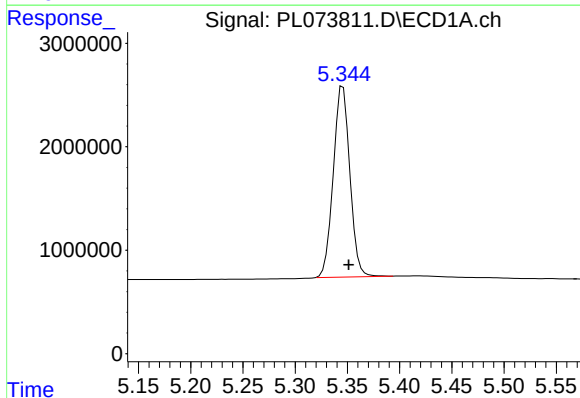
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



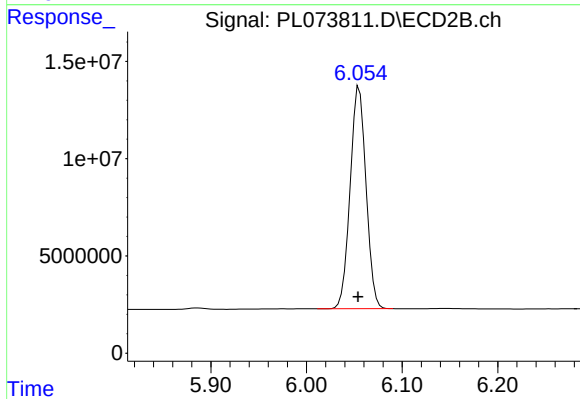
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 91594893
Conc: 55.81 ng/ml



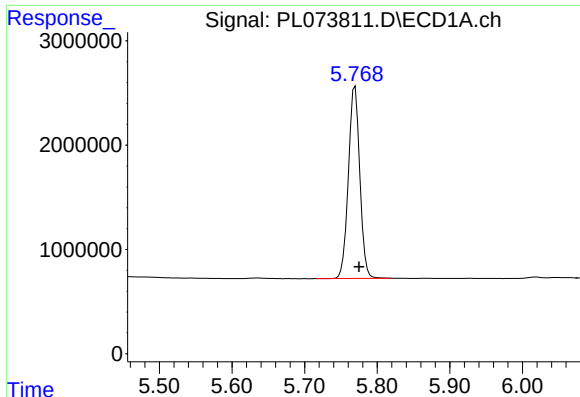
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.005 min
Response: 20343699
Conc: 49.35 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 132595801
Conc: 58.94 ng/ml



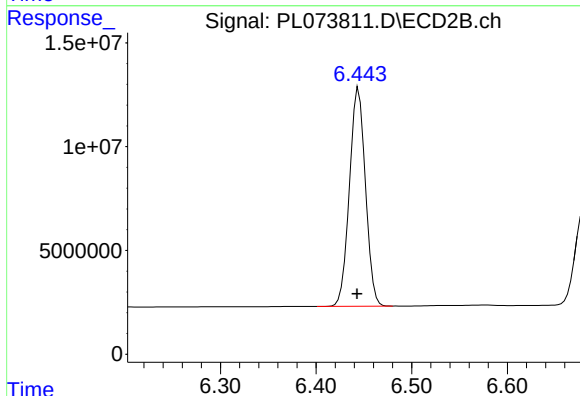
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 20211814
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

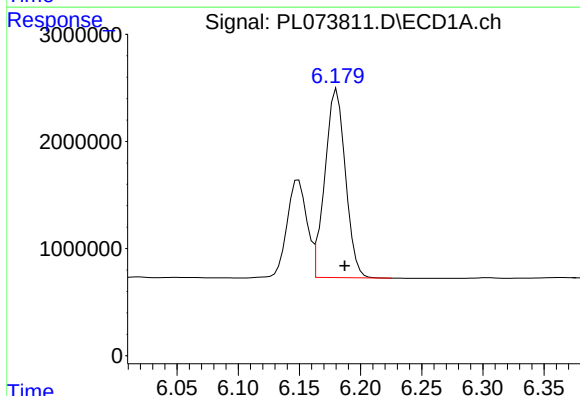
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



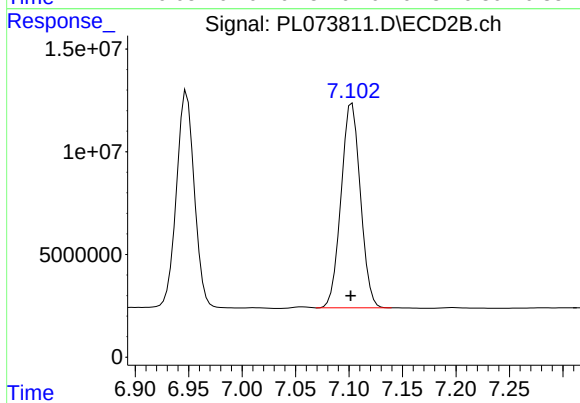
#3 gamma-BHC (Lindane)

R.T.: 6.445 min
Delta R.T.: 0.002 min
Response: 122814214
Conc: 57.52 ng/ml



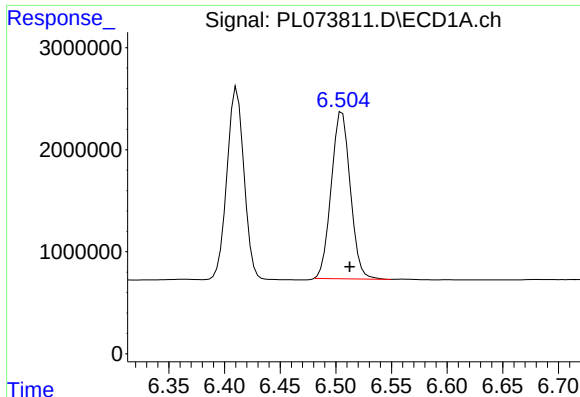
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 20509615
Conc: 45.46 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 125233976
Conc: 53.45 ng/ml



#5 Aldrin

R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 19485704
Conc: 47.16 ng/ml

Instrument :

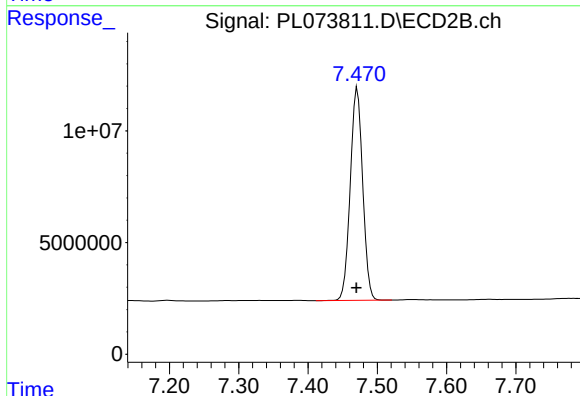
ECD_L

ClientSampleId :

PSTDCCC050

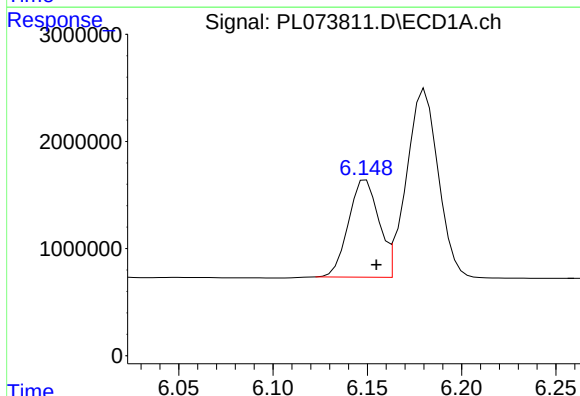
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



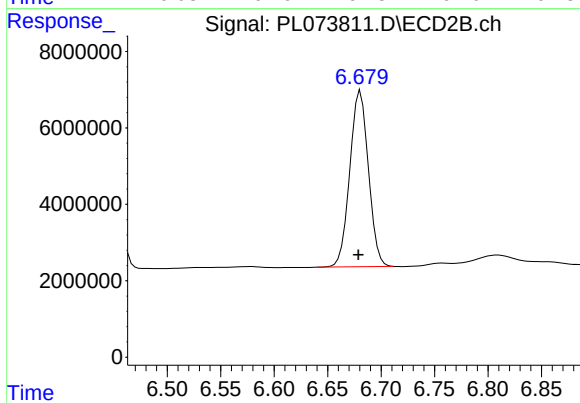
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 118588932
Conc: 56.61 ng/ml



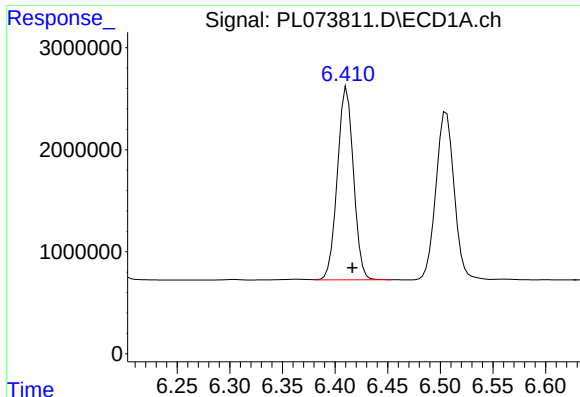
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.005 min
Response: 10149293
Conc: 49.29 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 55845892
Conc: 53.58 ng/ml



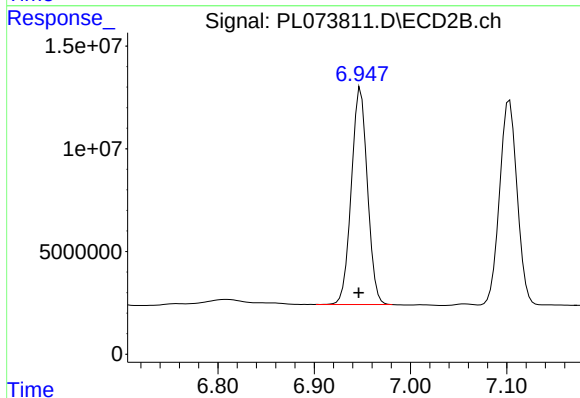
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.005 min
Response: 20137980
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

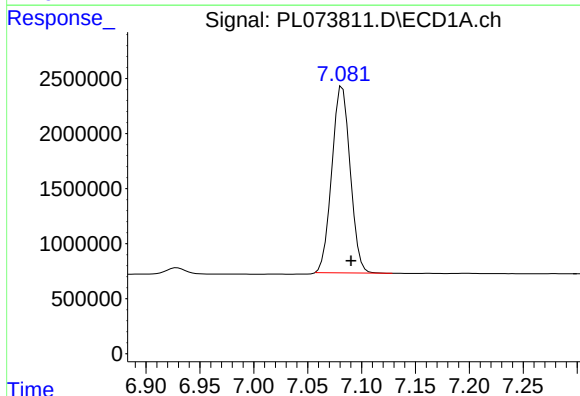
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



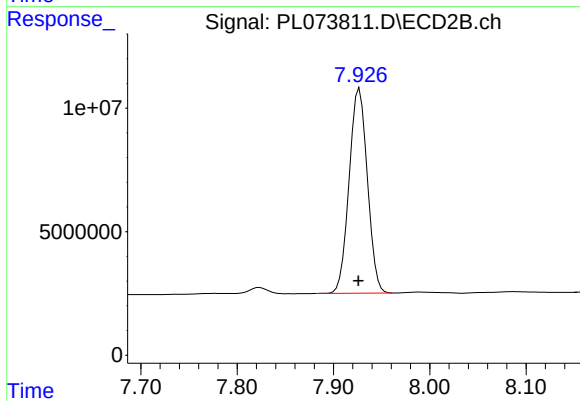
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 121988909
Conc: 56.65 ng/ml



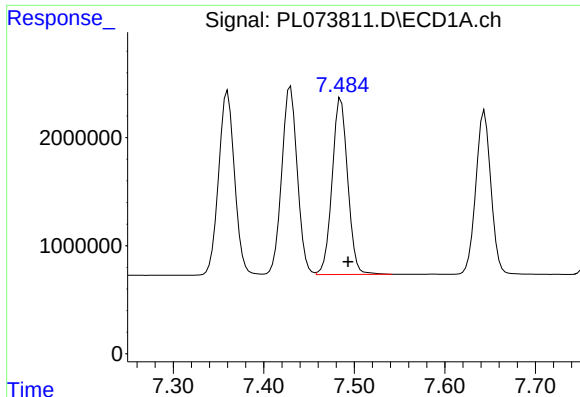
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 20067101
Conc: 46.56 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 108894463
Conc: 54.52 ng/ml



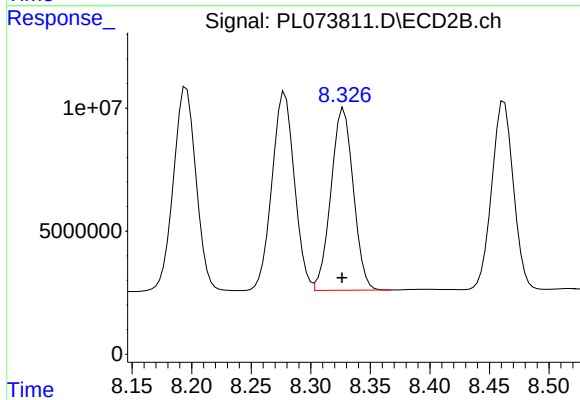
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.008 min
Response: 19566068
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

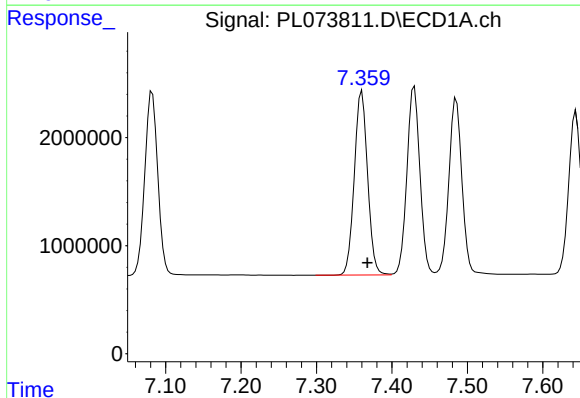
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



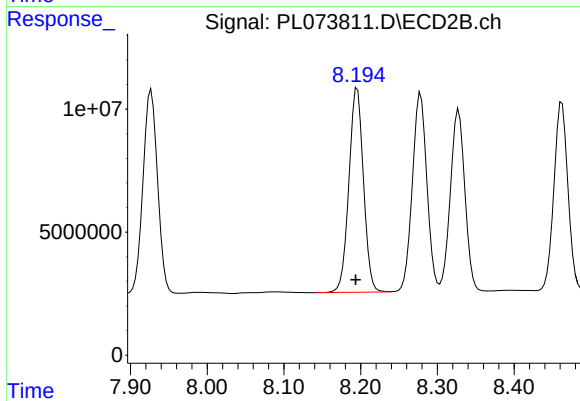
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 96767757
Conc: 53.01 ng/ml



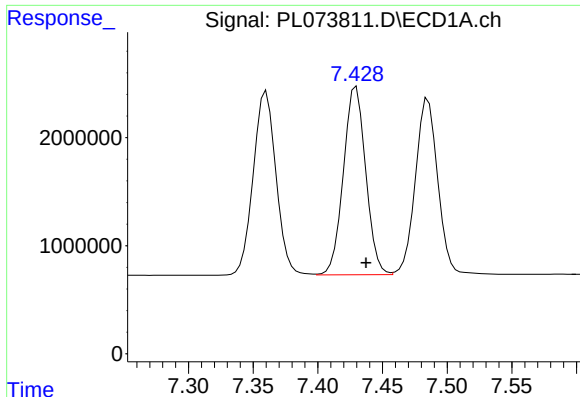
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 20819501
Conc: 47.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 110279798
Conc: 53.99 ng/ml



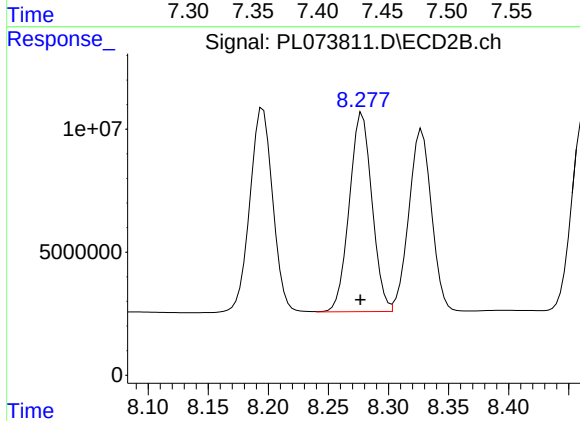
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.008 min
Response: 20866968
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

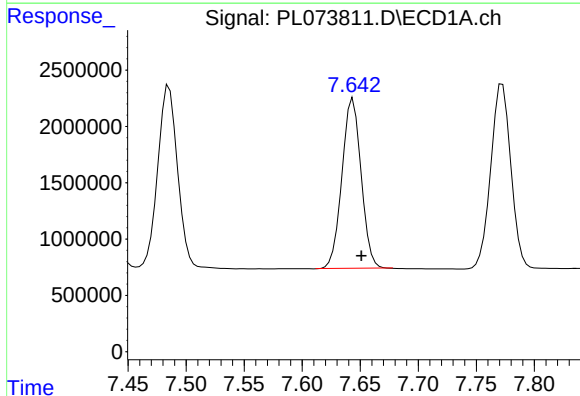
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



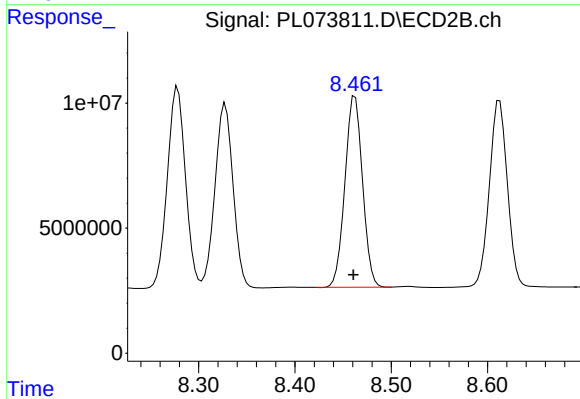
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 106251422
Conc: 53.13 ng/ml



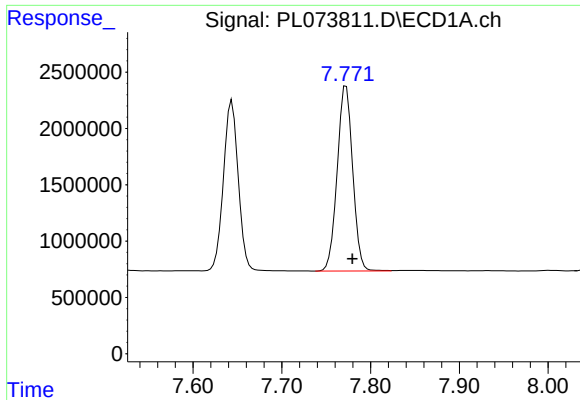
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.008 min
Response: 17316179
Conc: 48.26 ng/ml m



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.002 min
Response: 96667424
Conc: 53.93 ng/ml



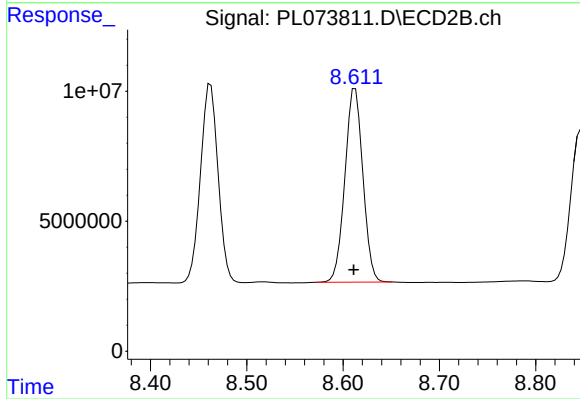
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.007 min
Response: 19916804
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

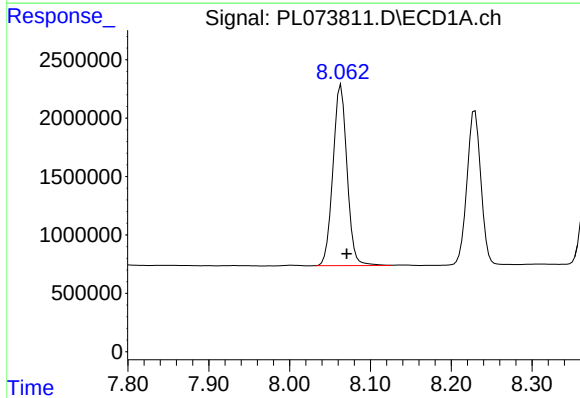
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



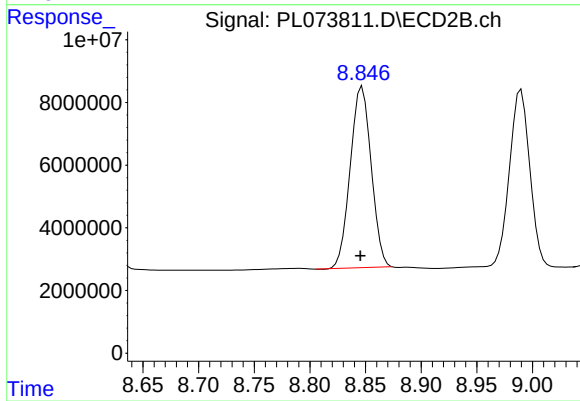
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.001 min
Response: 96166761
Conc: 52.13 ng/ml



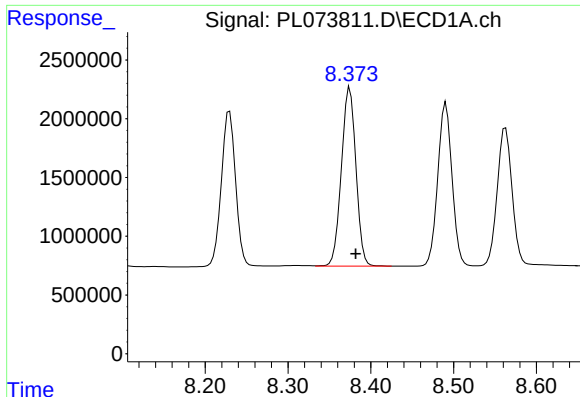
#14 Endrin

R.T.: 8.064 min
Delta R.T.: -0.007 min
Response: 18764804
Conc: 48.36 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 75802401
Conc: 49.24 ng/ml



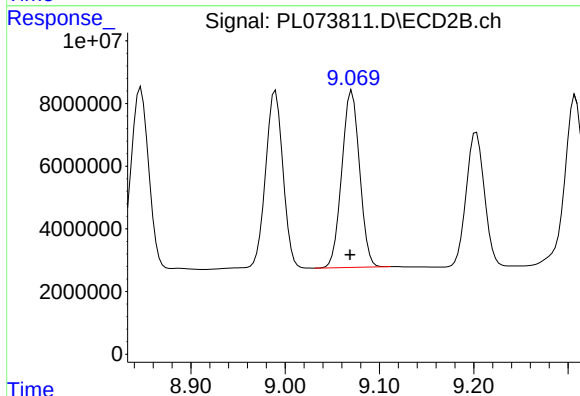
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: -0.007 min
Response: 18575772
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

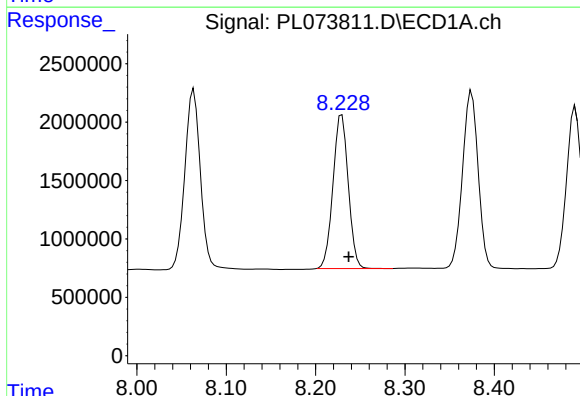
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



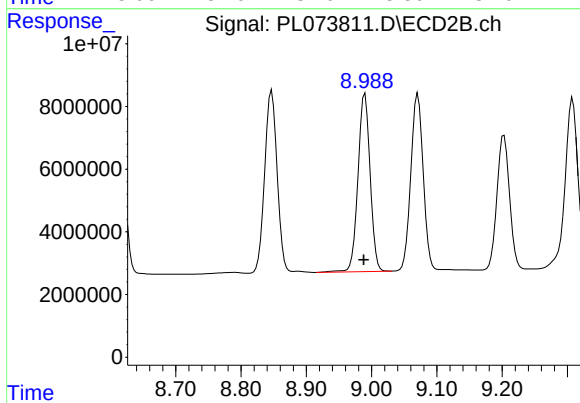
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 73973534
Conc: 48.17 ng/ml



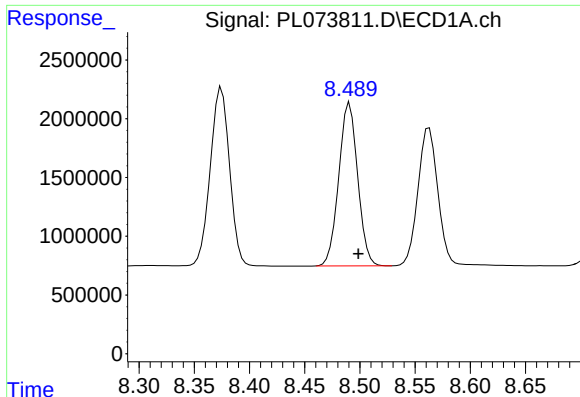
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.008 min
Response: 15682320
Conc: 48.29 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 73387219
Conc: 50.28 ng/ml



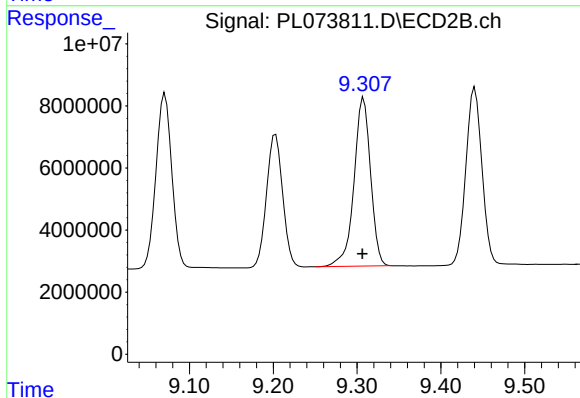
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.008 min
Response: 16565592
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

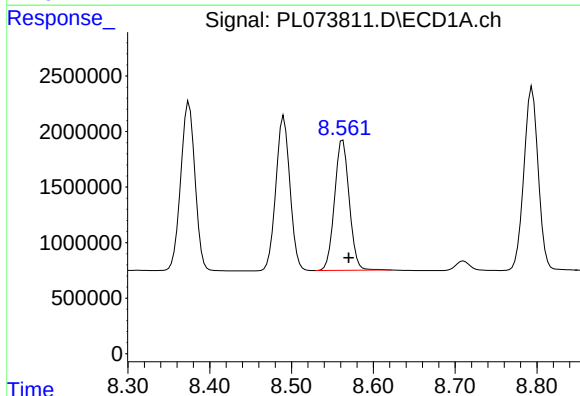
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



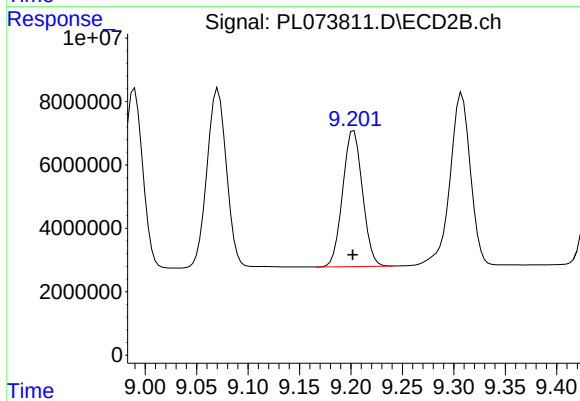
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 74678073
Conc: 45.69 ng/ml



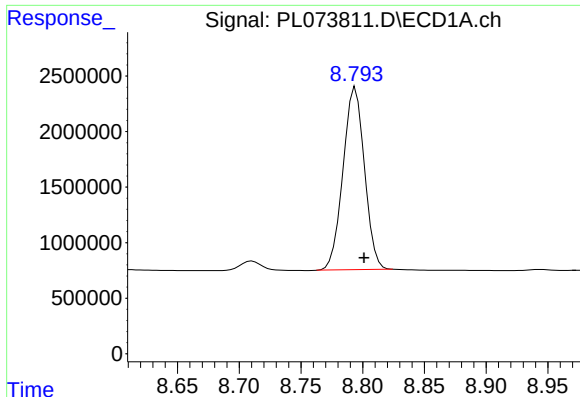
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.007 min
Response: 14691260
Conc: 46.45 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 57562450
Conc: 46.94 ng/ml m



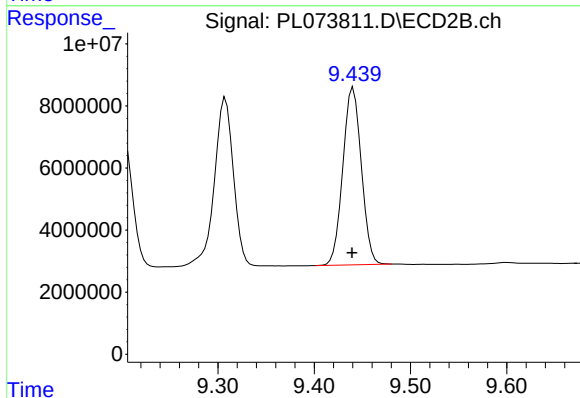
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.008 min
Response: 19820137
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

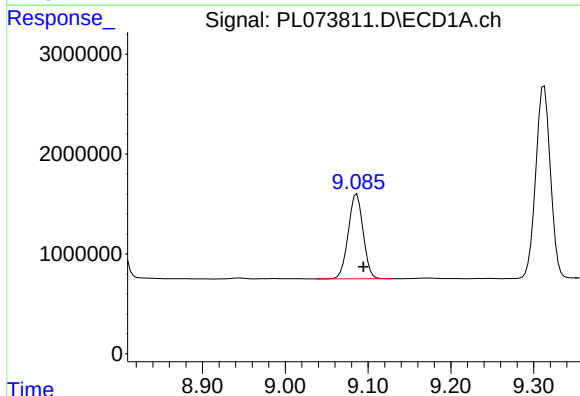
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



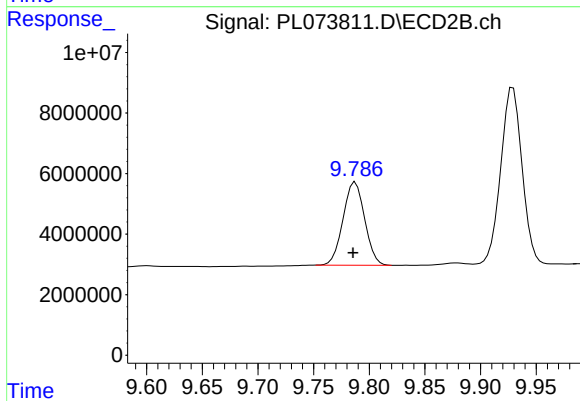
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 76049513
Conc: 48.25 ng/ml



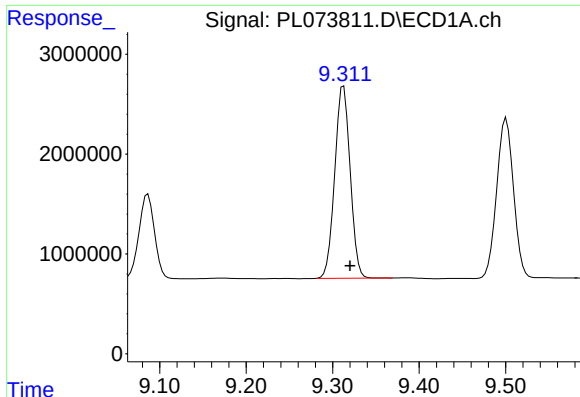
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.008 min
Response: 10601435
Conc: 41.33 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 37114067
Conc: 41.19 ng/ml



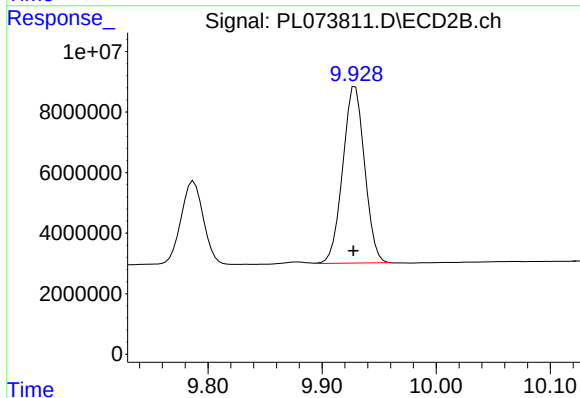
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.007 min
Response: 23751580
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

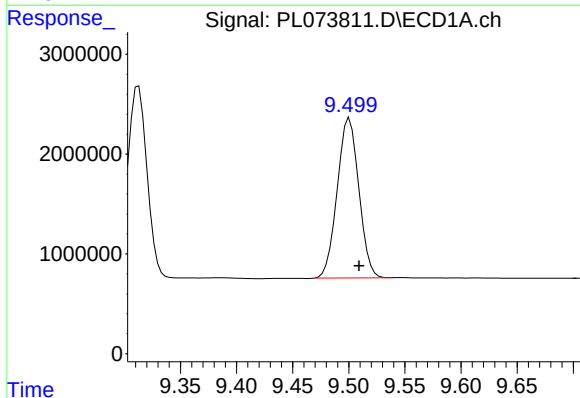
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



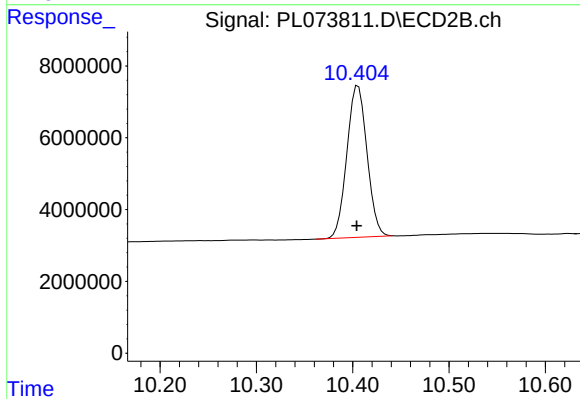
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 77635592
Conc: 47.04 ng/ml



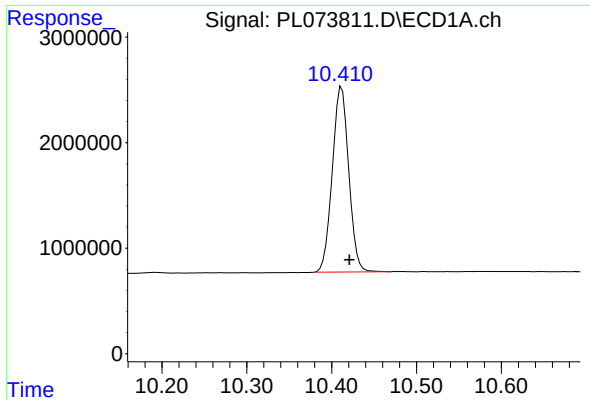
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.008 min
Response: 21467852
Conc: 45.52 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.001 min
Response: 61237781
Conc: 45.08 ng/ml



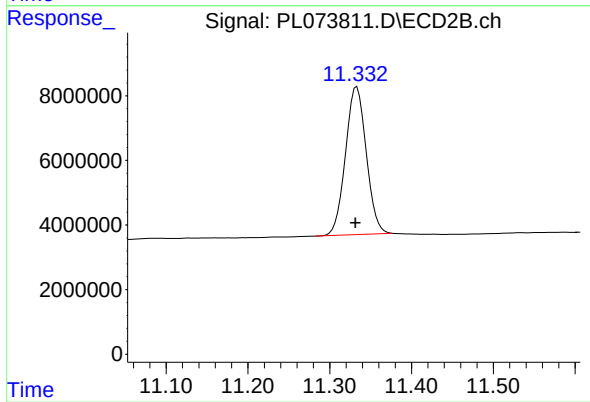
#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.009 min
Response: 23615772
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 80491291
Conc: 45.01 ng/ml