

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 17:20
 Operator : AR\AJ
 Sample : N2526-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-5SMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:09:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.634	5.489	5525311	28770669	17.100	16.136
28) SA Decachlor...	10.401	11.330	8382385	29656698	16.119m	16.790
Target Compounds						
2) A alpha-BHC	5.341	6.052	22150901	137.7E6	52.783	54.674
3) MA gamma-BHC...	5.765	6.441	21802661	129.7E6	51.986	54.781
4) MA Heptachlor	6.175	7.100	22567690	133.1E6	50.099	51.016
5) MB Aldrin	6.500	7.468	21944501	132.6E6	52.872	56.448
6) B beta-BHC	6.145	6.678	10376921	56767428	50.786	50.370
7) B delta-BHC	6.406	6.946	22111002	130.8E6	53.450	53.540
8) B Heptachlo...	7.076	7.924	22244687	119.0E6	51.860	52.861
9) A Endosulfan I	7.479	8.325	21132924	108.1E6	51.528	54.934
10) B gamma-Chl...	7.354	8.193	22755893	120.5E6	51.884	54.008
11) B alpha-Chl...	7.423	8.275	22909881	117.5E6	51.859	54.598
12) B 4,4'-DDE	7.638	8.460	19051314	113.3E6	52.221	56.863
13) MA Dieldrin	7.764	8.610	22298234	113.9E6	51.908m	56.808
14) MA Endrin	8.056	8.844	21234347	96779710	52.271	57.142
15) B Endosulfa...	8.368	9.069	22022870	95157056	53.433	54.775
16) A 4,4'-DDD	8.222	8.988	16869985	85741598	52.241	55.727
17) MA 4,4'-DDT	8.484	9.306	18316332	87795633	49.552	49.527
18) B Endrin al...	8.556	9.201	18367433	76104612	56.768	58.922
19) B Endosulfa...	8.787	9.439	22183903	91003333	51.950	54.679
20) A Methoxychlor	9.079	9.785	12080119	45249221	48.657	47.044
21) B Endrin ke...	9.304	9.926	26291220	93692665	53.815m	54.128
22) Mirex	9.492	10.403	23698878	71380721	50.812	51.823

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 17:20
 Operator : AR\AJ
 Sample : N2526-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

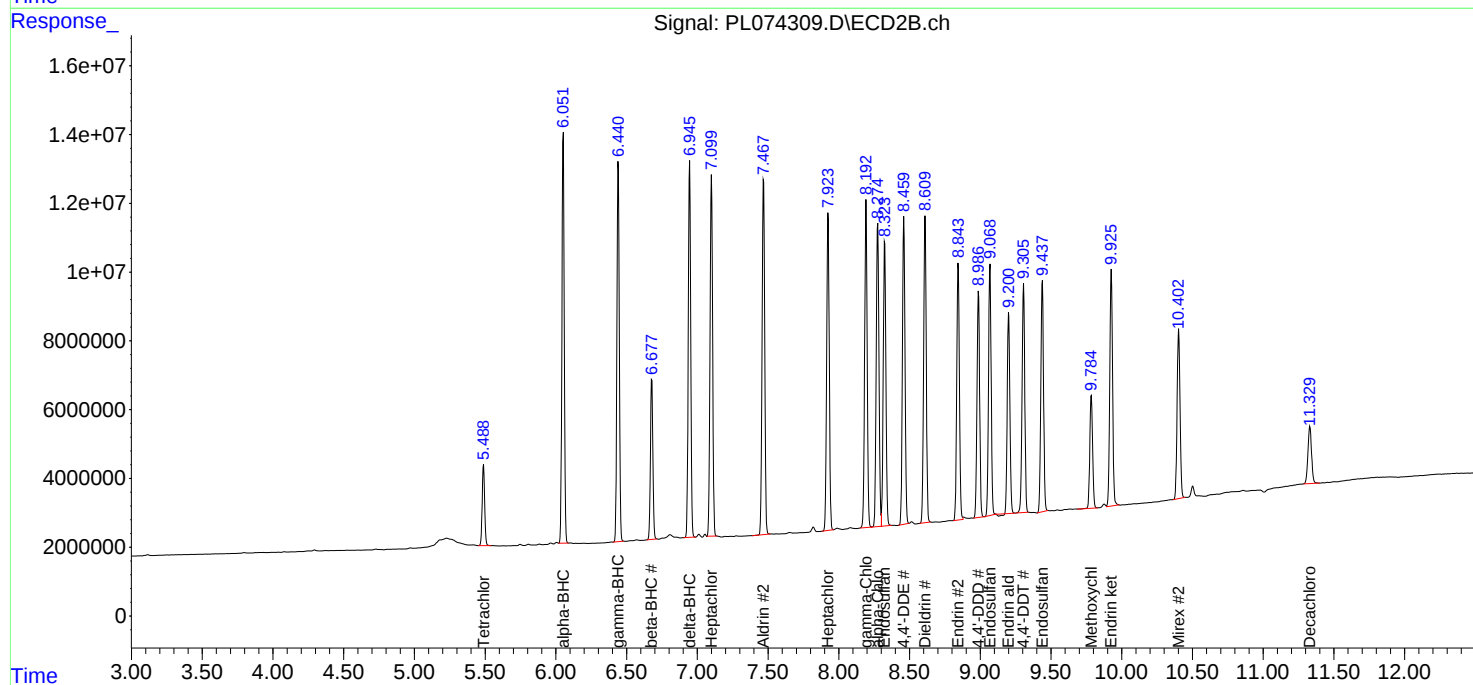
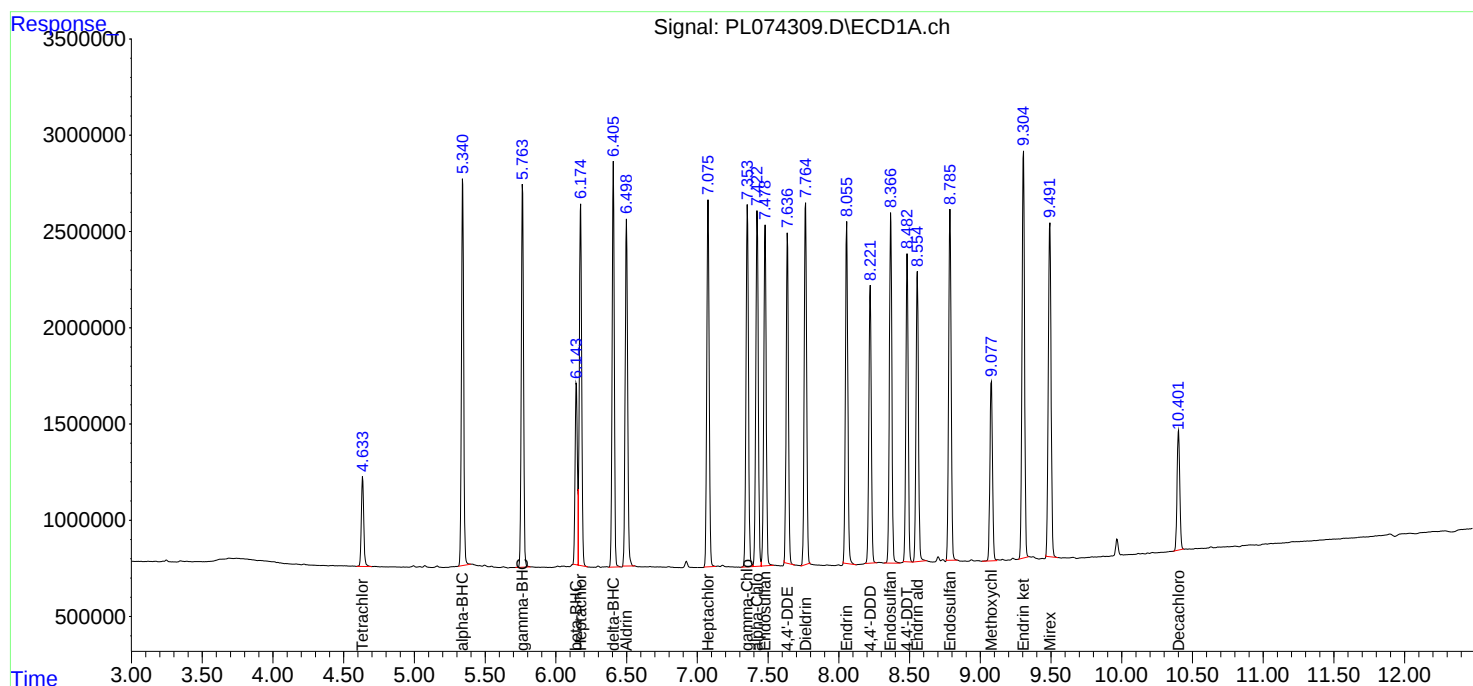
Instrument :
 ECD_L
 ClientSampleId :
 MH-5SMS

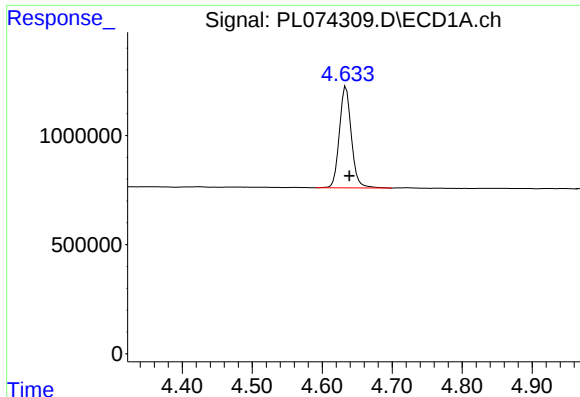
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:09:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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





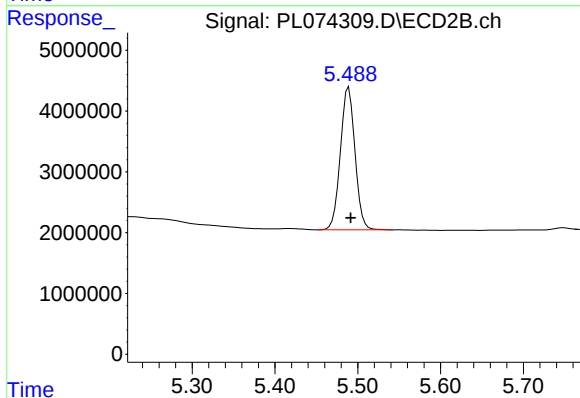
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 5525311
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

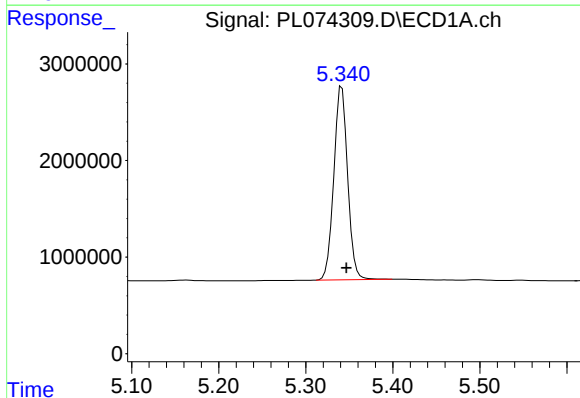
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



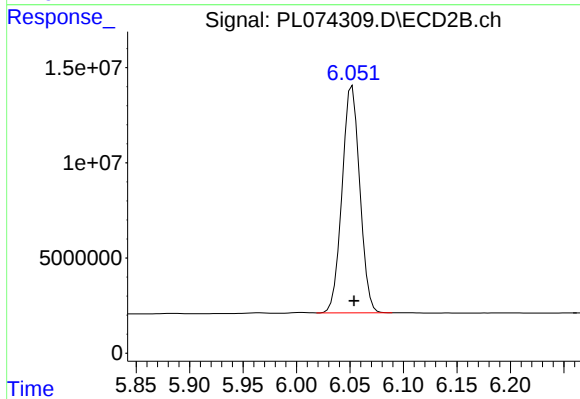
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 28770669
Conc: 16.14 ng/ml



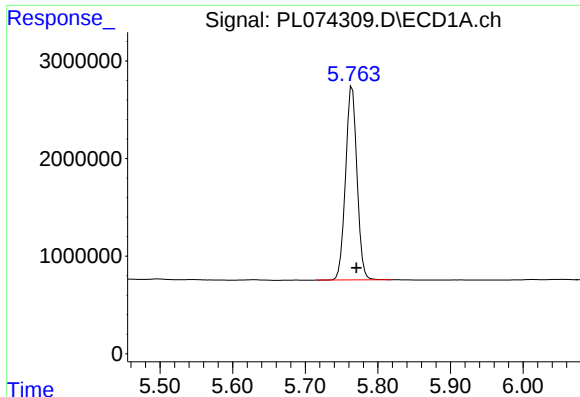
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 22150901
Conc: 52.78 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 137673243
Conc: 54.67 ng/ml



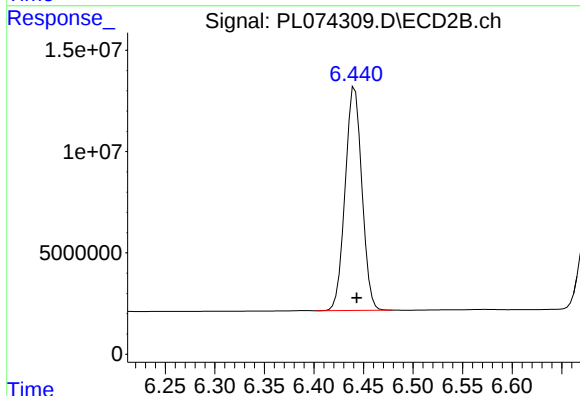
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 21802661
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

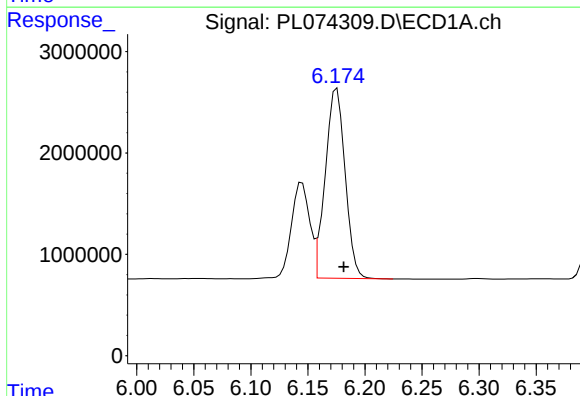
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



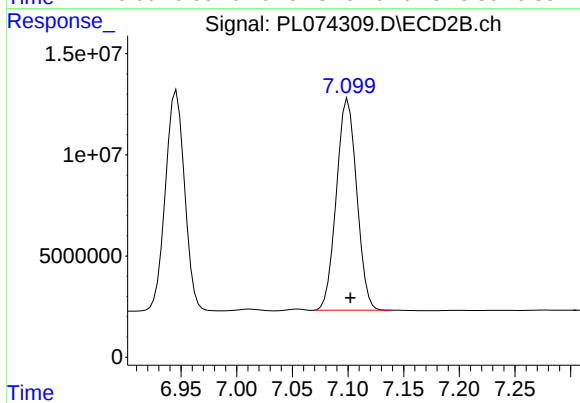
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 129672678
Conc: 54.78 ng/ml



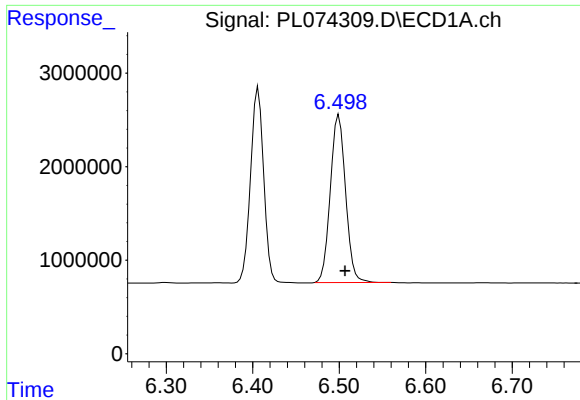
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 22567690
Conc: 50.10 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 133072203
Conc: 51.02 ng/ml



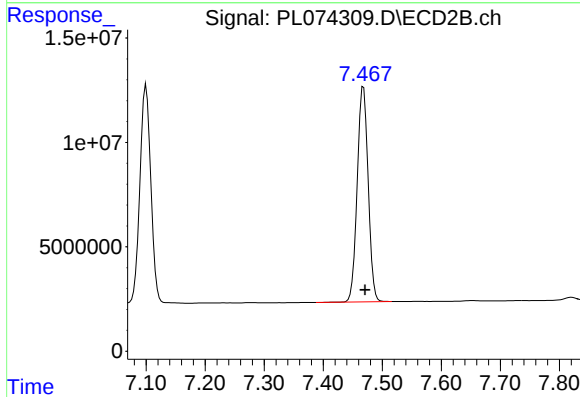
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 21944501
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

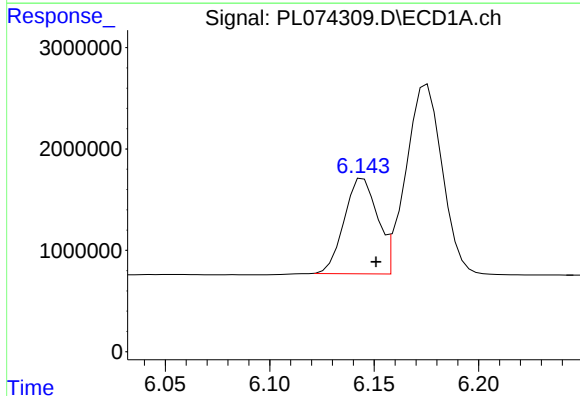
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



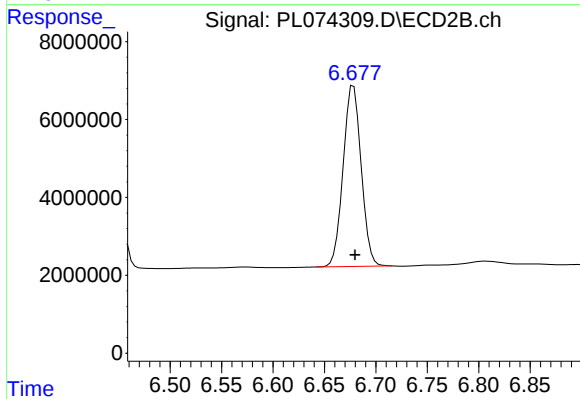
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 132573495
Conc: 56.45 ng/ml



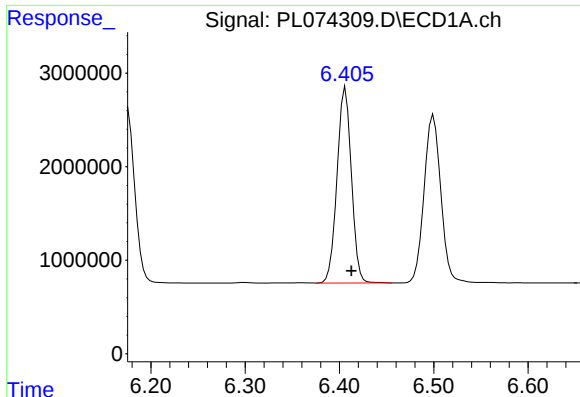
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 10376921
Conc: 50.79 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 56767428
Conc: 50.37 ng/ml



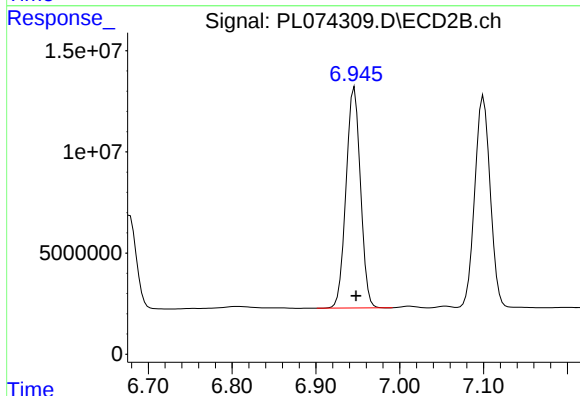
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 22111002
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

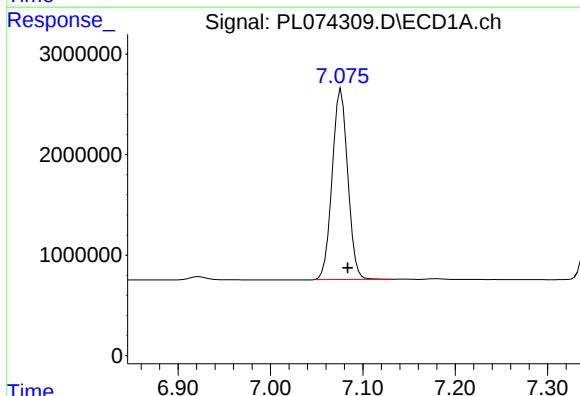
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



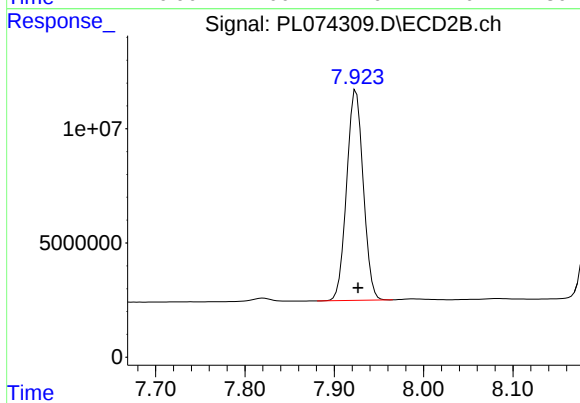
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 130759954
Conc: 53.54 ng/ml



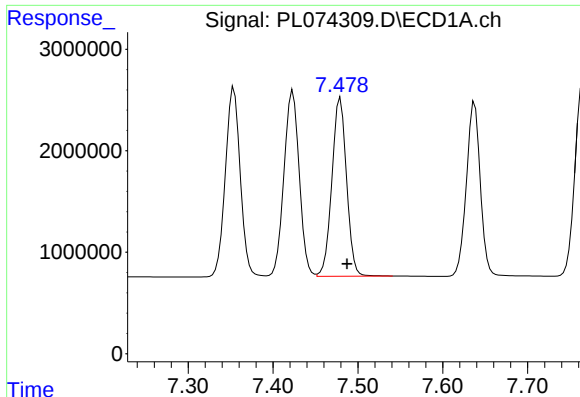
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.007 min
Response: 22244687
Conc: 51.86 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 119020067
Conc: 52.86 ng/ml



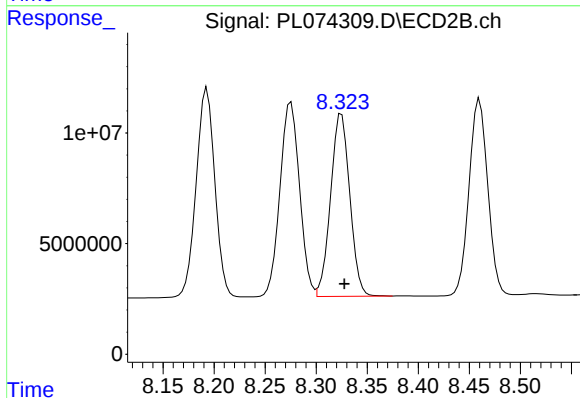
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.008 min
Response: 21132924
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

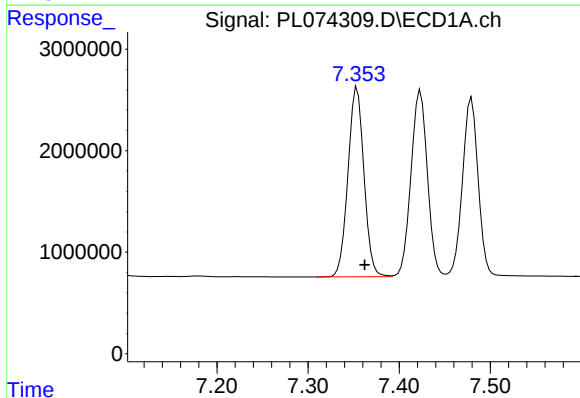
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



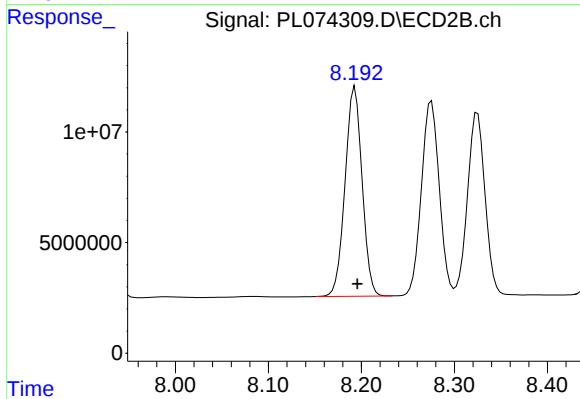
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 108146827
Conc: 54.93 ng/ml



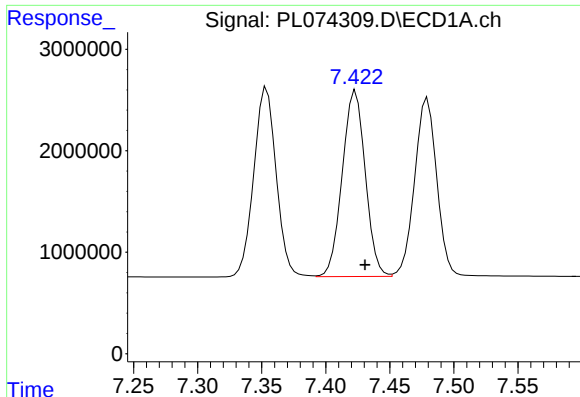
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 22755893
Conc: 51.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 120457969
Conc: 54.01 ng/ml



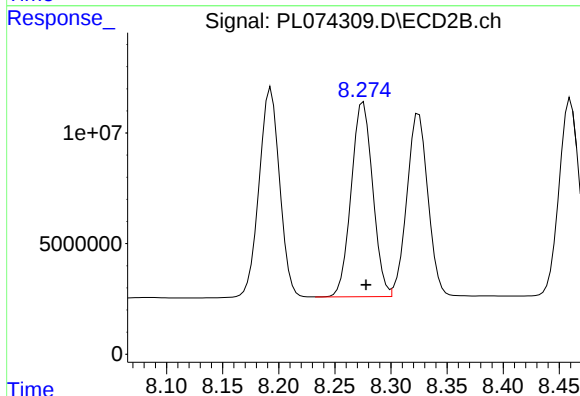
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.007 min
Response: 22909881
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

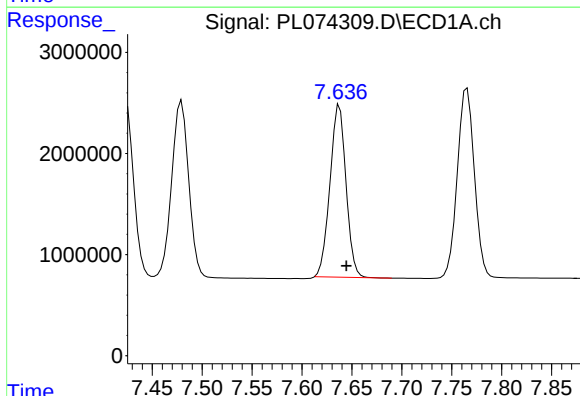
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



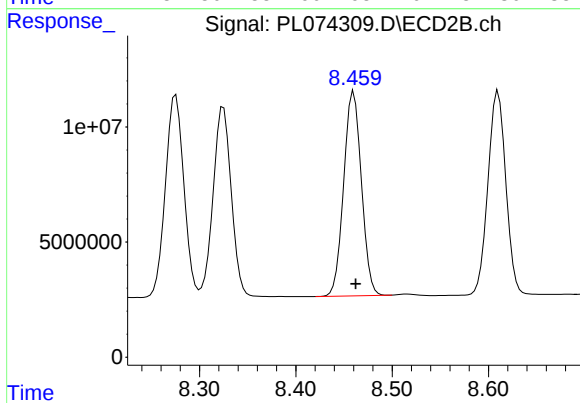
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 117527268
Conc: 54.60 ng/ml



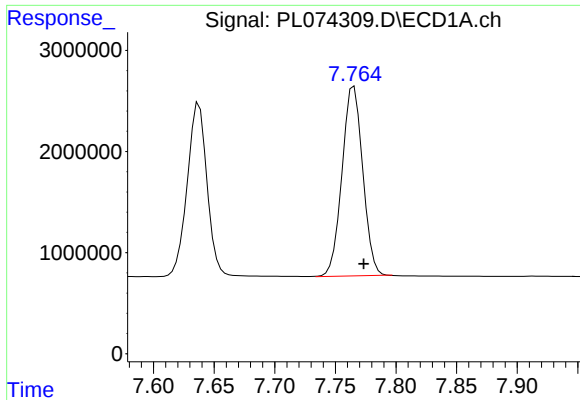
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 19051314
Conc: 52.22 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 113254705
Conc: 56.86 ng/ml



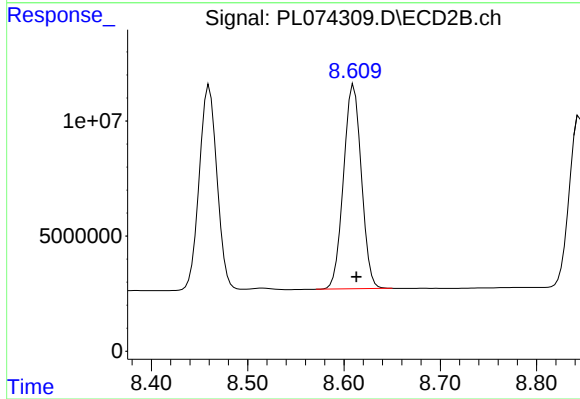
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 22298234
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

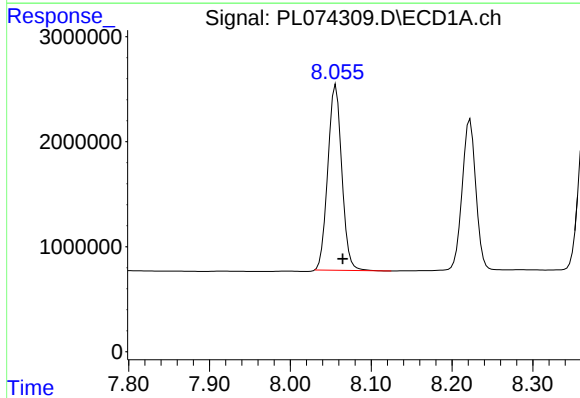
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



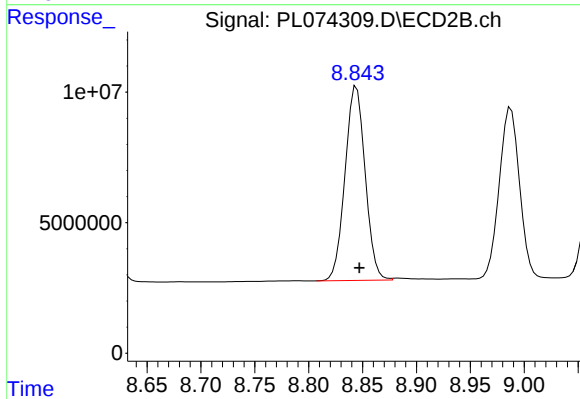
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 113915355
Conc: 56.81 ng/ml



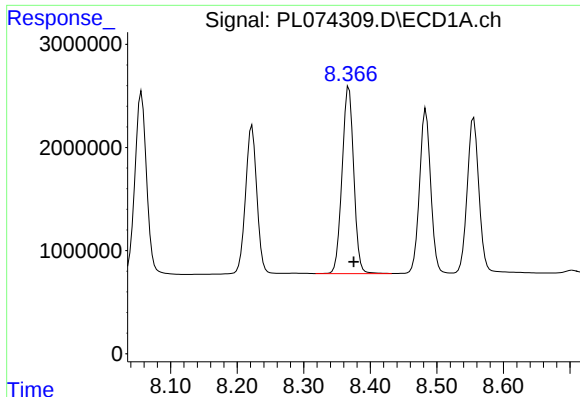
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 21234347
Conc: 52.27 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 96779710
Conc: 57.14 ng/ml



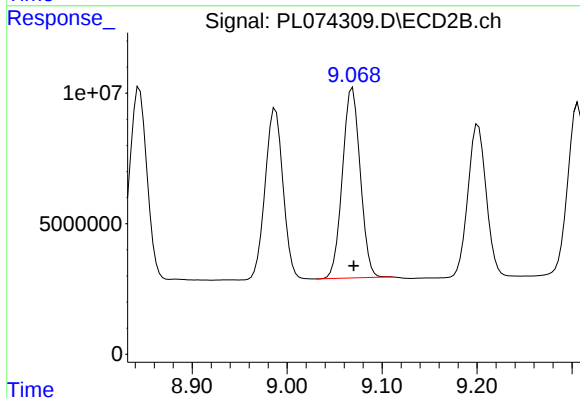
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 22022870
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

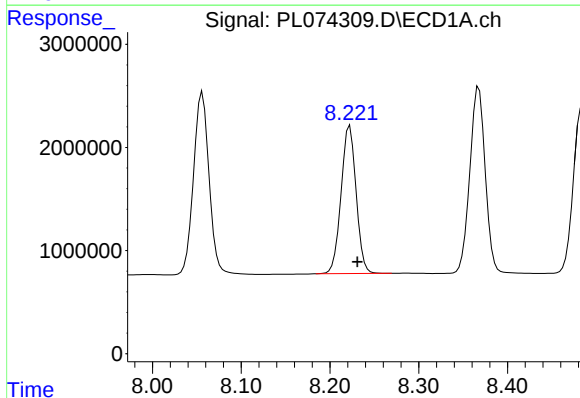
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



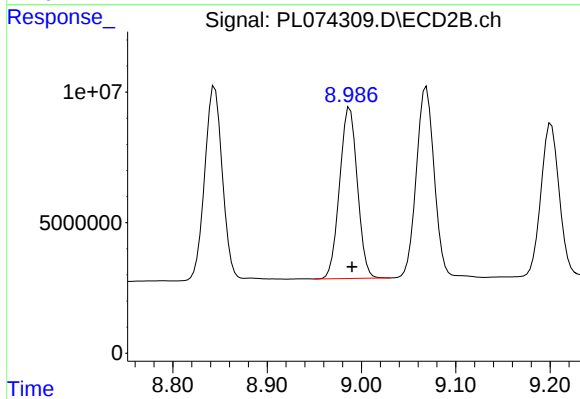
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 95157056
Conc: 54.78 ng/ml



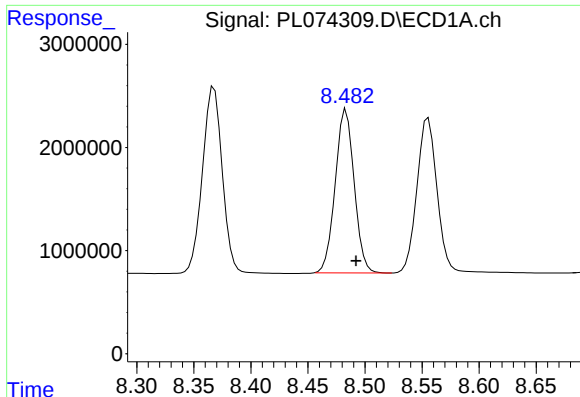
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 16869985
Conc: 52.24 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 85741598
Conc: 55.73 ng/ml



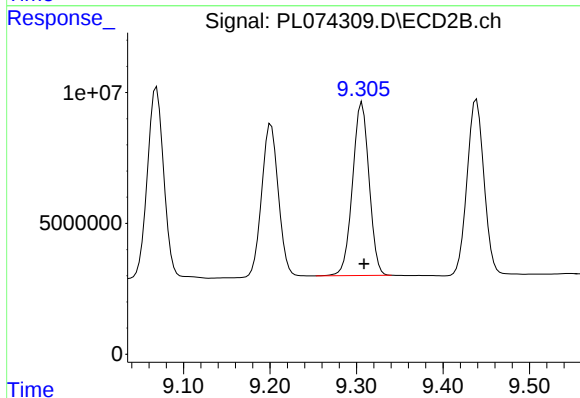
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 18316332
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

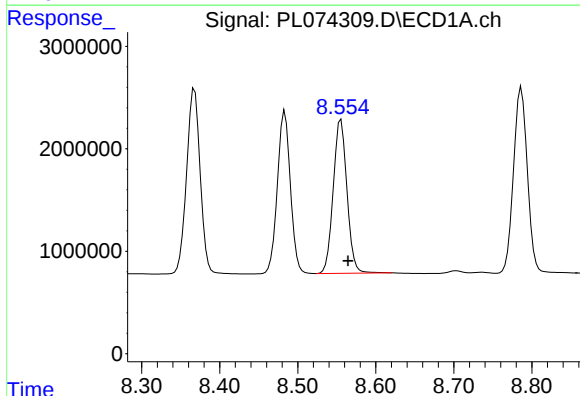
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



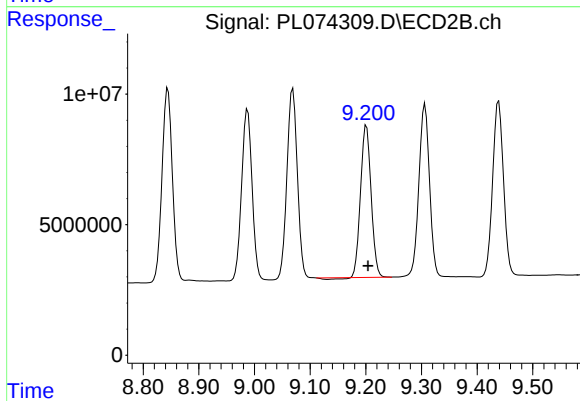
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 87795633
Conc: 49.53 ng/ml



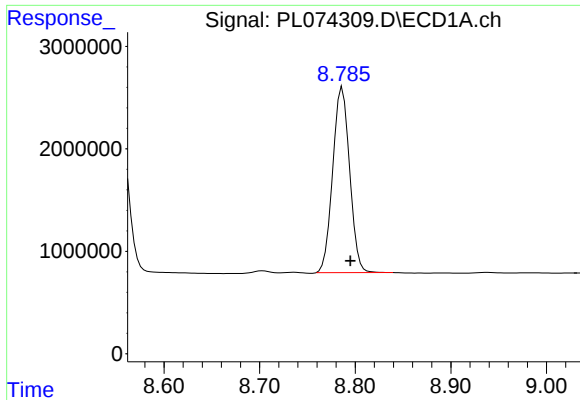
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.009 min
Response: 18367433
Conc: 56.77 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 76104612
Conc: 58.92 ng/ml



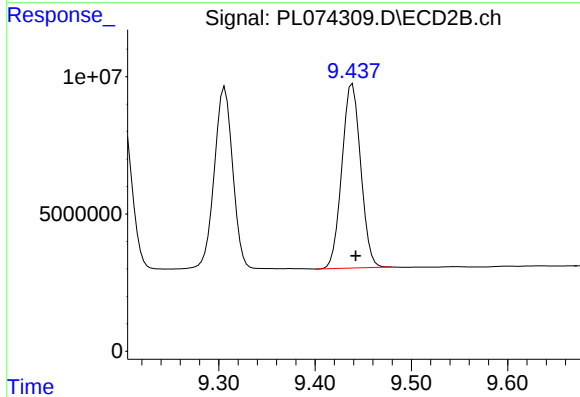
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 22183903
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

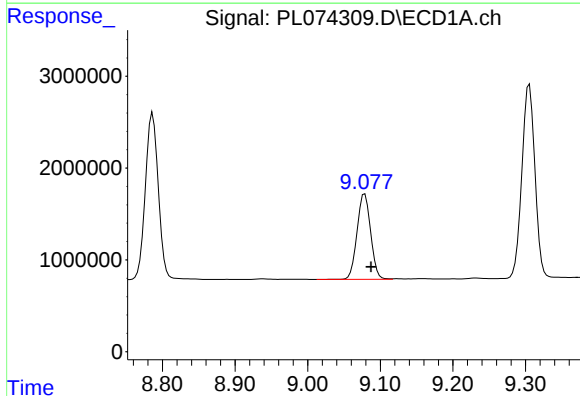
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



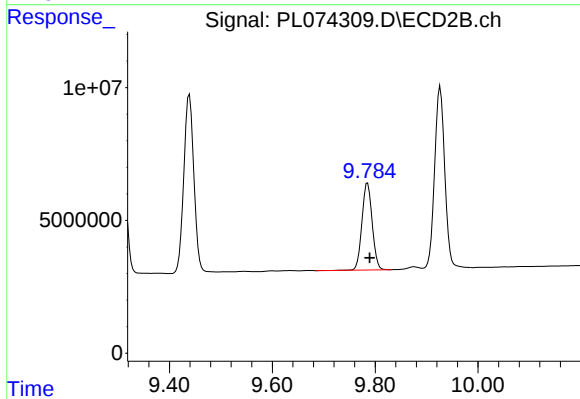
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 91003333
Conc: 54.68 ng/ml



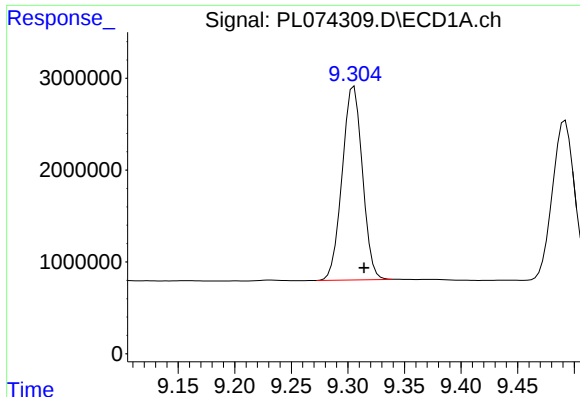
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 12080119
Conc: 48.66 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 45249221
Conc: 47.04 ng/ml



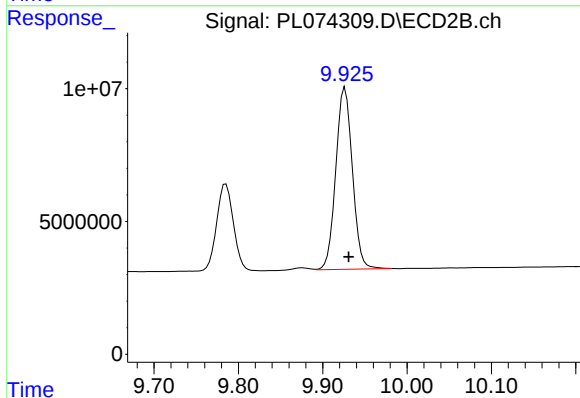
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 26291220
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

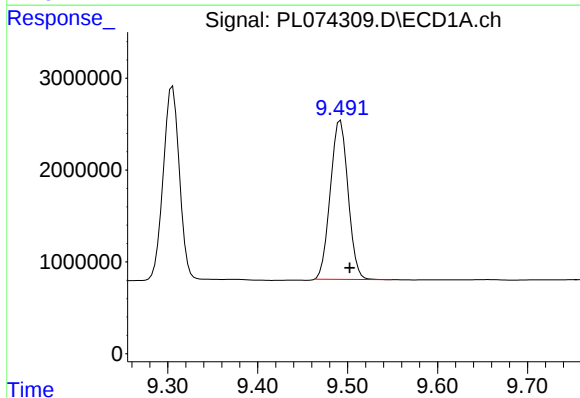
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



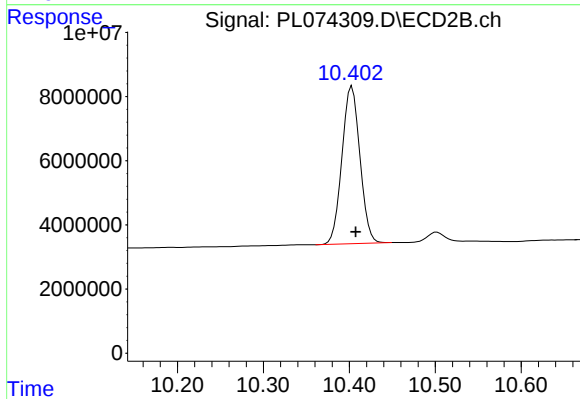
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.004 min
Response: 93692665
Conc: 54.13 ng/ml



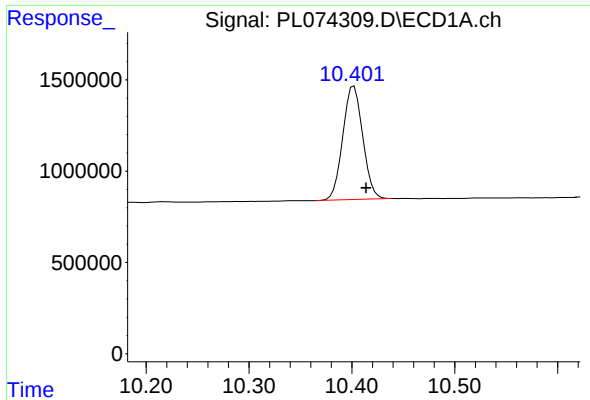
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.010 min
Response: 23698878
Conc: 50.81 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 71380721
Conc: 51.82 ng/ml



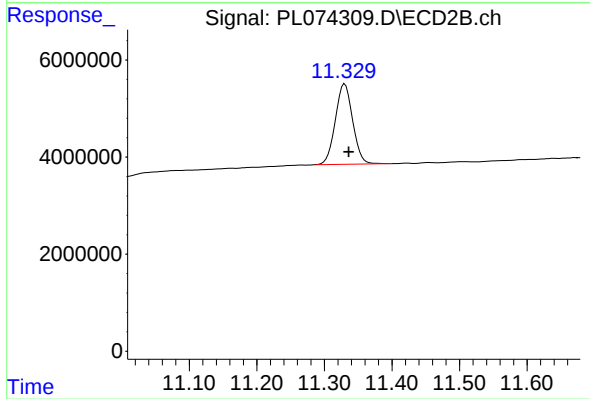
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 8382385
Conc: 16.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 29656698
Conc: 16.79 ng/ml