

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 23:57
 Operator : AR\AJ
 Sample : N2468-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-15-1-6MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:01:42 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...	4.635	5.488	7050999	37932650	21.822	21.275
28)	SA Decachlor...	10.403	11.329	9028364	34870890	17.361m	19.742
Target Compounds							
2)	A alpha-BHC	5.342	6.051	26643191	154.3E6	63.487	61.278
3)	MA gamma-BHC...	5.765	6.440	26000930	141.9E6	61.996	59.963
4)	MA Heptachlor	6.176	7.099	27081723	149.3E6	60.120	57.238
5)	MB Aldrin	6.501	7.467	25719134	143.0E6	61.966	60.895
6)	B beta-BHC	6.146	6.677	11634003	61186248	56.938	54.290
7)	B delta-BHC	6.407	6.945	25985415	142.1E6	62.816	58.187
8)	B Heptachlo...	7.077	7.923	25405920	127.0E6	59.230	56.391
9)	A Endosulfan I	7.480	8.323	24050695	114.8E6	58.643	58.294
10)	B gamma-Chl...	7.355	8.191	26052792	125.7E6	59.401	56.372
11)	B alpha-Chl...	7.425	8.274	26183671	124.5E6	59.269	57.858
12)	B 4,4'-DDE	7.637	8.459	22033659	118.2E6	60.396m	59.365
13)	MA Dieldrin	7.766	8.609	25518568	121.1E6	59.405m	60.391
14)	MA Endrin	8.058	8.843	24557738	105.6E6	60.452	62.375
15)	B Endosulfa...	8.369	9.067	24588169	100.8E6	59.657	58.013
16)	A 4,4'-DDD	8.224	8.986	19232985	90033489	59.559	58.517
17)	MA 4,4'-DDT	8.485	9.305	22214072	99586404	60.097	56.179
18)	B Endrin al...	8.558	9.200	20059777	79391533	61.998	61.467
19)	B Endosulfa...	8.788	9.437	24318732	93753283	56.950	56.331
20)	A Methoxychlor	9.080	9.784	14016633	51770778	56.458	53.824
21)	B Endrin ke...	9.306	9.926	28545601	100.8E6	58.429m	58.224
22)	Mirex	9.494	10.402	25165332	77979090	53.956	56.613

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 23:57
 Operator : AR\AJ
 Sample : N2468-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

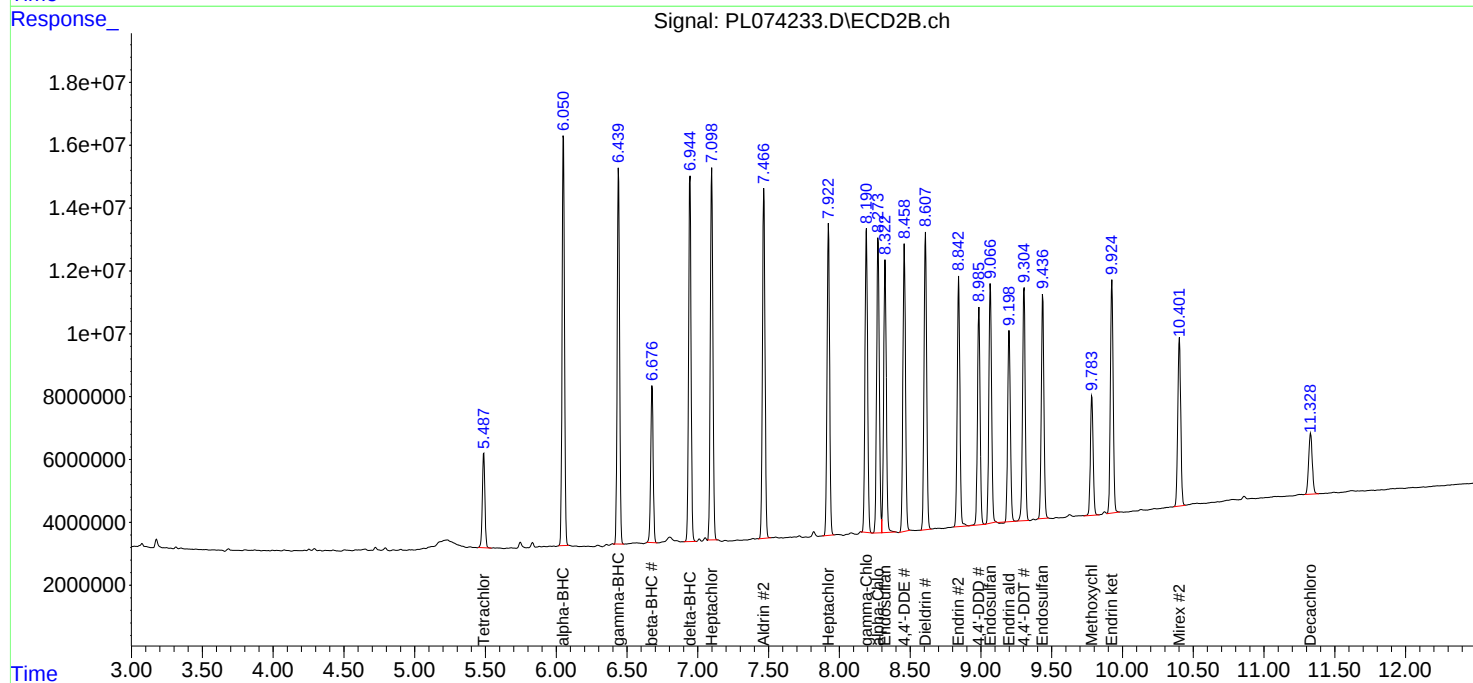
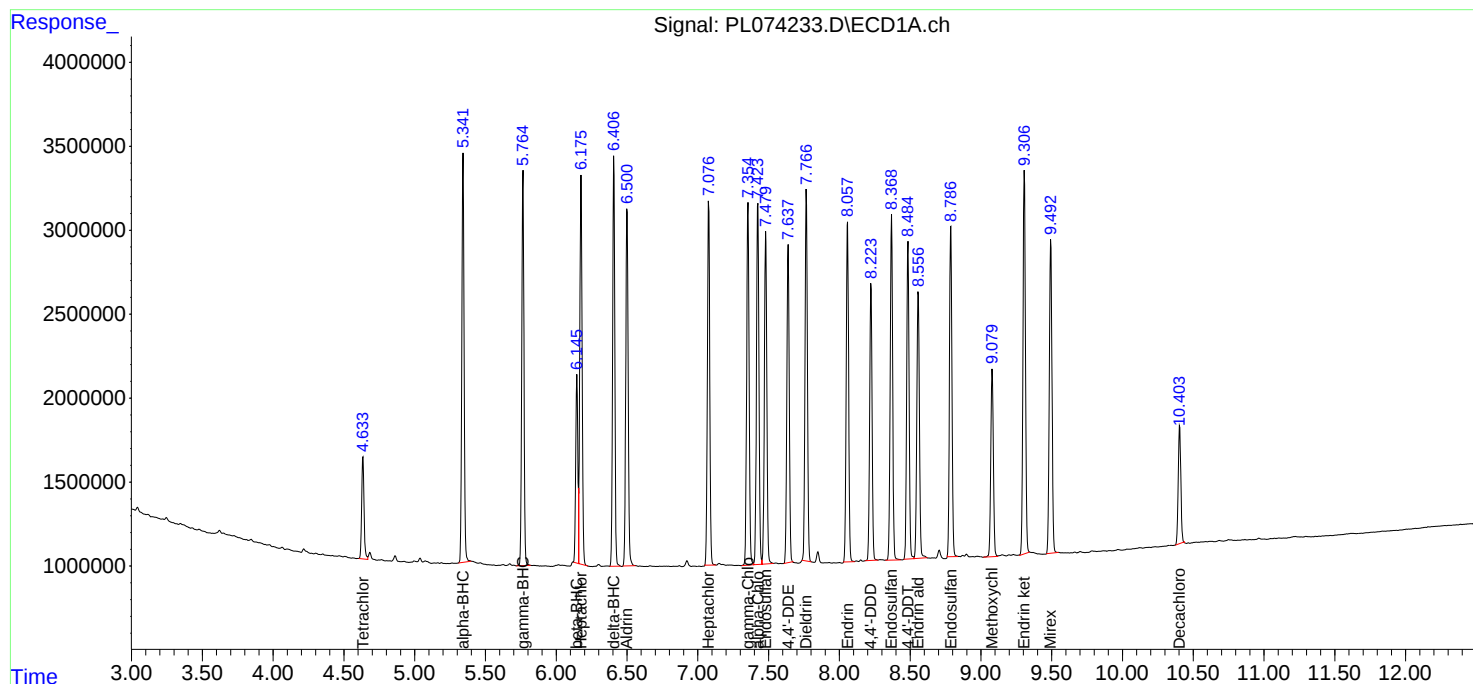
Instrument :
 ECD_L
 ClientSampleId :
 WC-15-1-6MSD

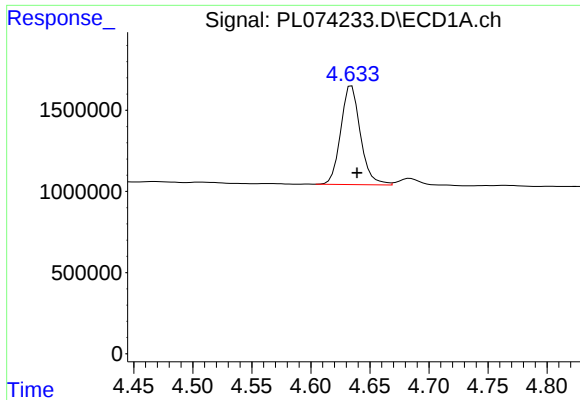
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/22/2022
 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:01:42 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





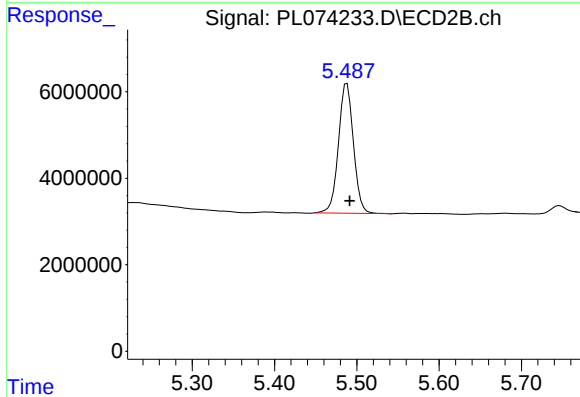
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 7050999
Conc: 21.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

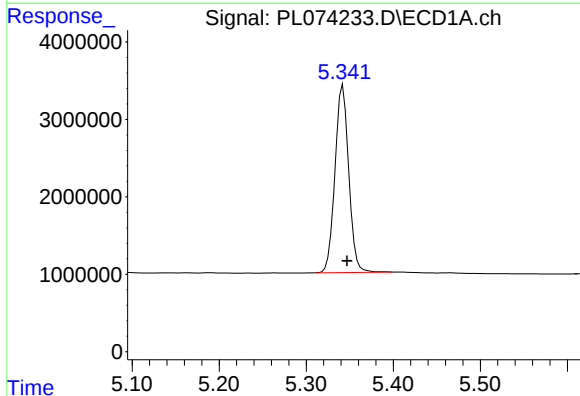
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



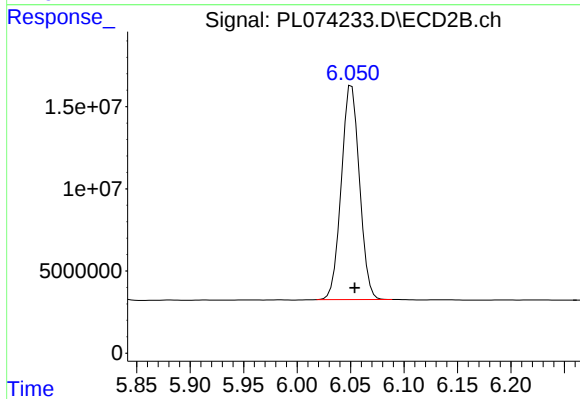
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 37932650
Conc: 21.27 ng/ml



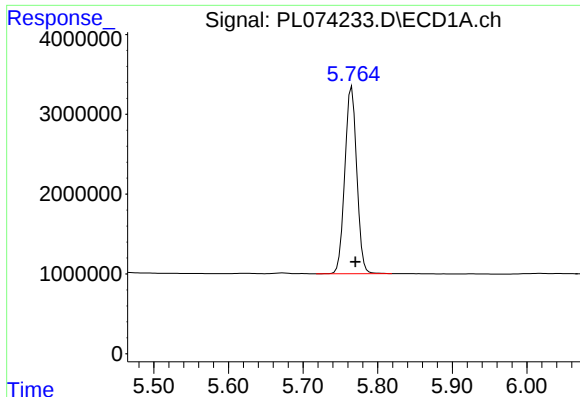
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 26643191
Conc: 63.49 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 154302814
Conc: 61.28 ng/ml



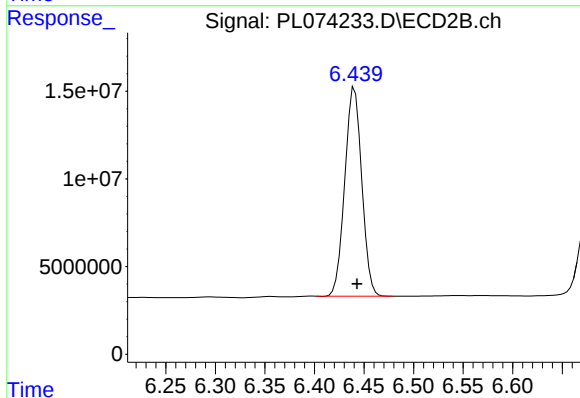
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 26000930
Conc: 62.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

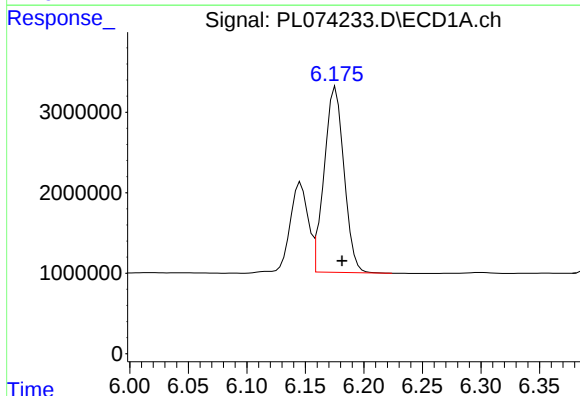
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



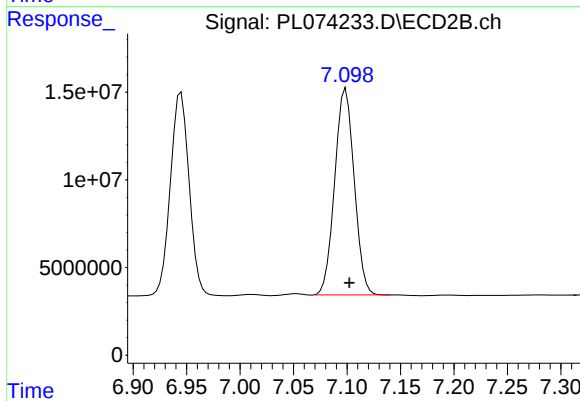
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 141940531
Conc: 59.96 ng/ml



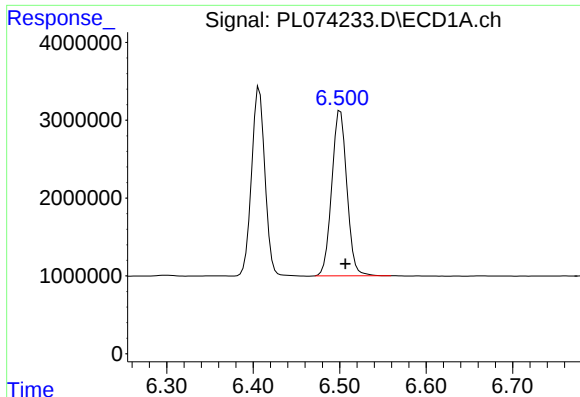
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 27081723
Conc: 60.12 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 149300098
Conc: 57.24 ng/ml



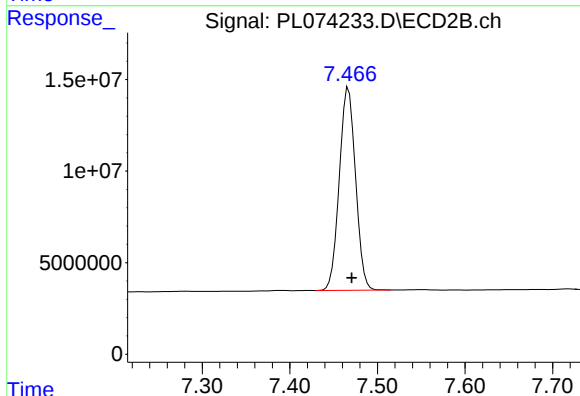
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 25719134
Conc: 61.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

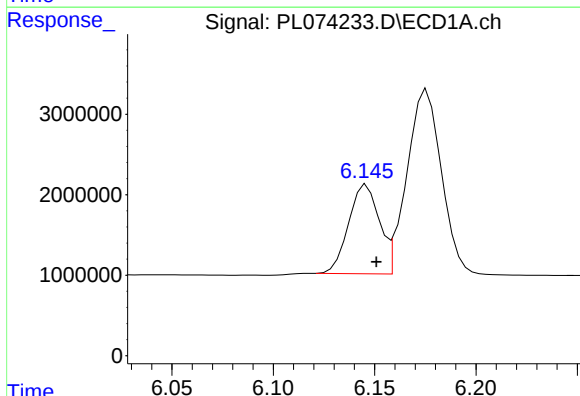
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



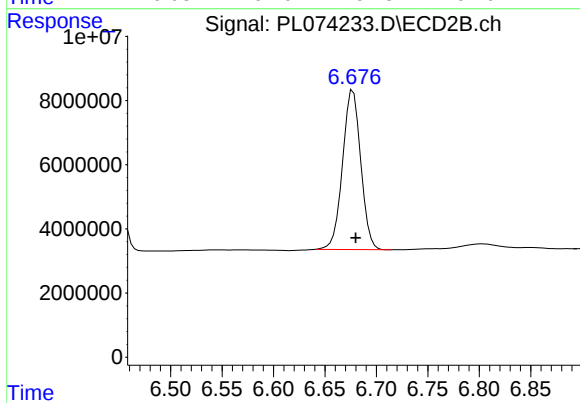
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 143018427
Conc: 60.90 ng/ml



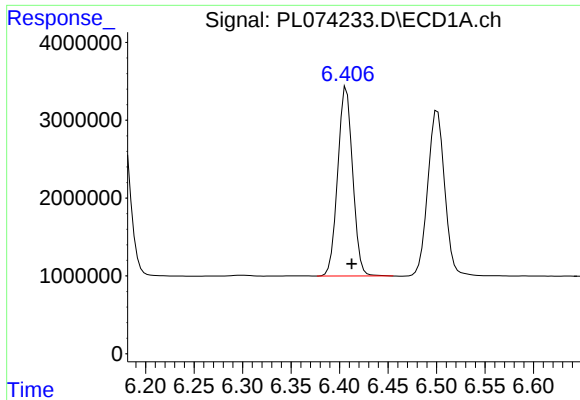
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 11634003
Conc: 56.94 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 61186248
Conc: 54.29 ng/ml



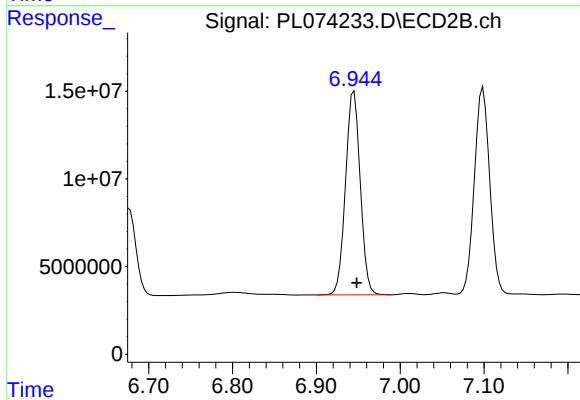
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 25985415
Conc: 62.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

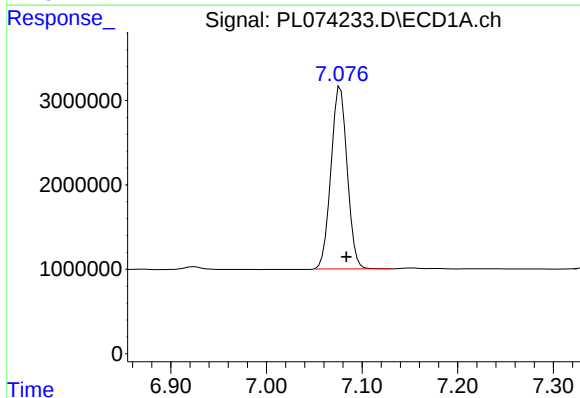
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



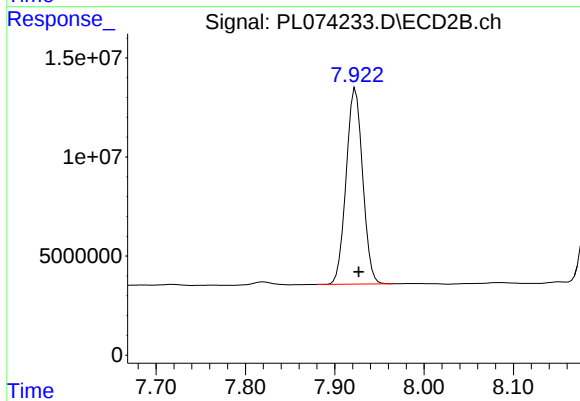
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 142107843
Conc: 58.19 ng/ml



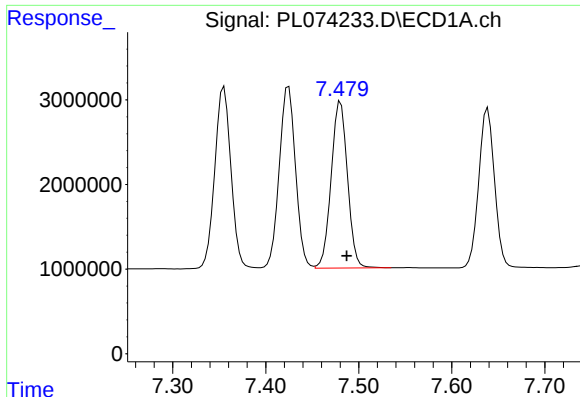
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 25405920
Conc: 59.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 126967069
Conc: 56.39 ng/ml



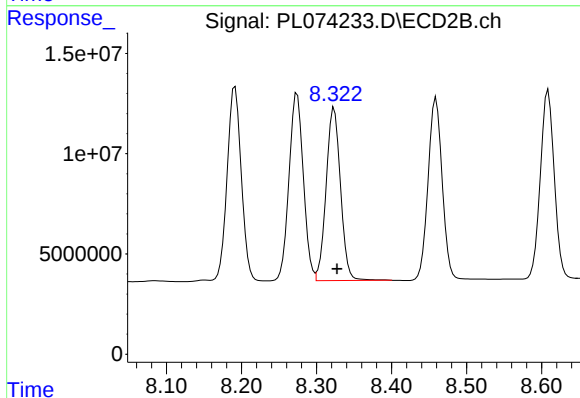
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 24050695
Conc: 58.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

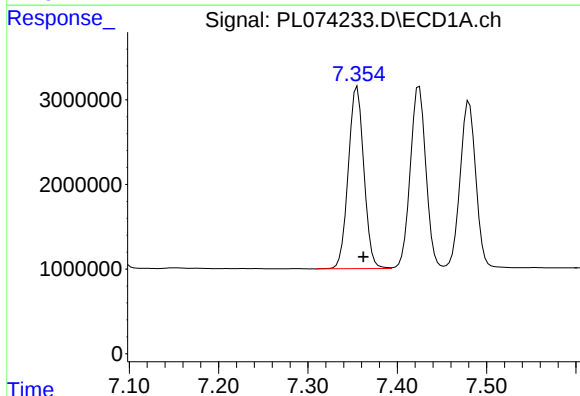
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



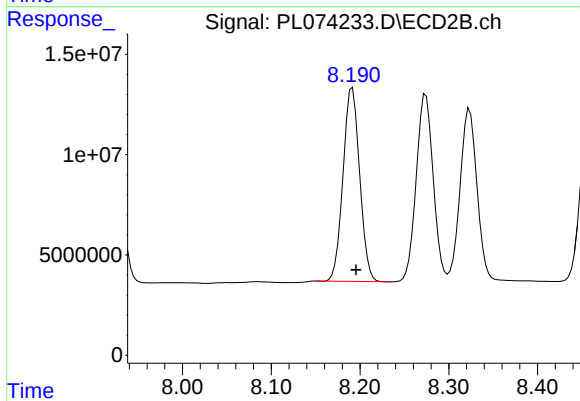
#9 Endosulfan I

R.T.: 8.323 min
Delta R.T.: -0.004 min
Response: 114760870
Conc: 58.29 ng/ml



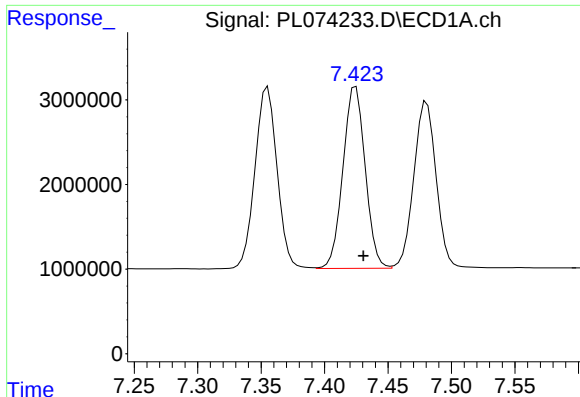
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 26052792
Conc: 59.40 ng/ml



#10 gamma-Chlordane

R.T.: 8.191 min
Delta R.T.: -0.004 min
Response: 125730195
Conc: 56.37 ng/ml



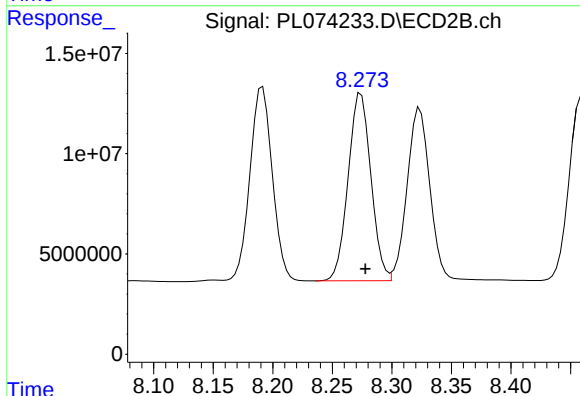
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 26183671
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

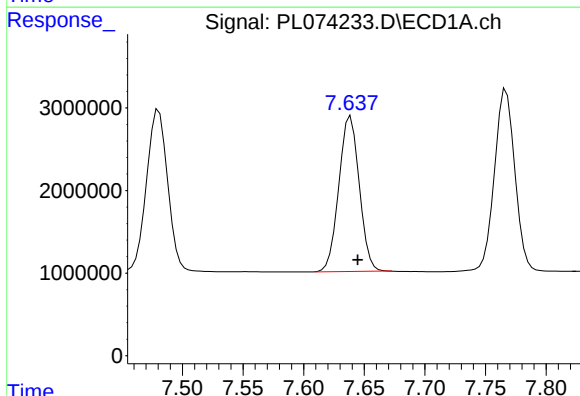
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



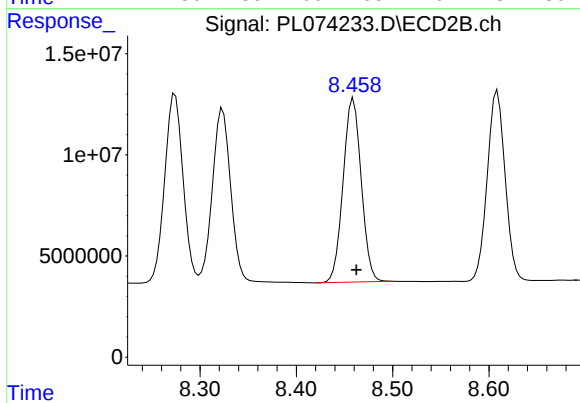
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 124543822
Conc: 57.86 ng/ml



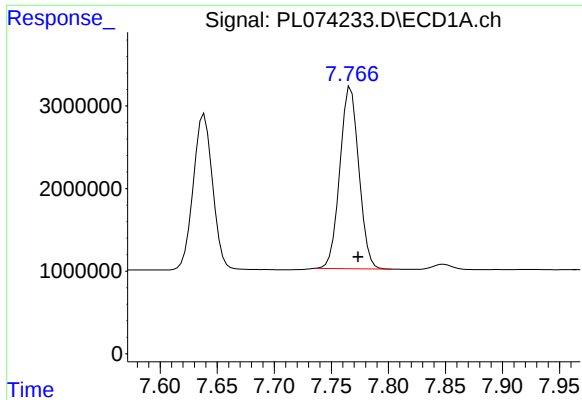
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 22033659
Conc: 60.40 ng/ml m



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 118238176
Conc: 59.37 ng/ml



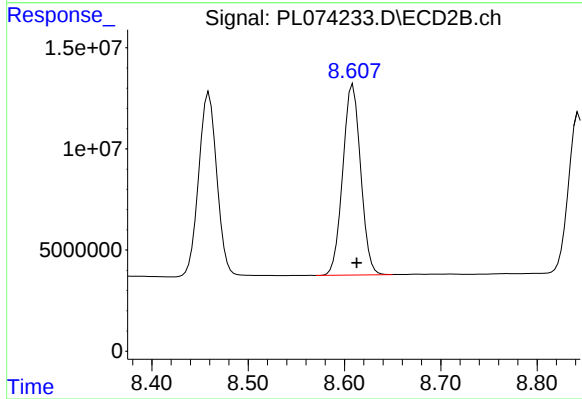
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 25518568
Conc: 59.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

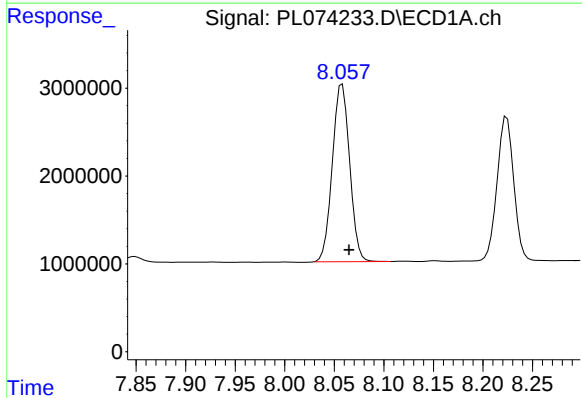
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



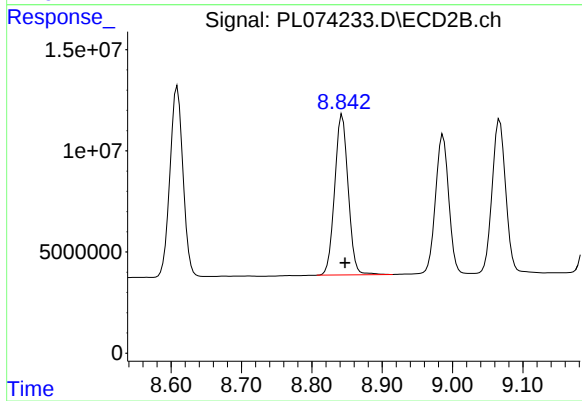
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 121101579
Conc: 60.39 ng/ml



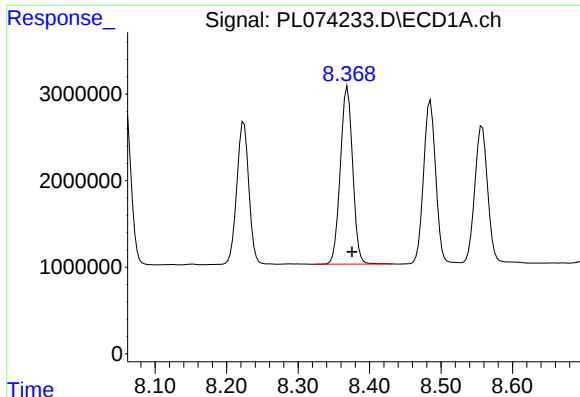
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 24557738
Conc: 60.45 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: -0.004 min
Response: 105642426
Conc: 62.38 ng/ml



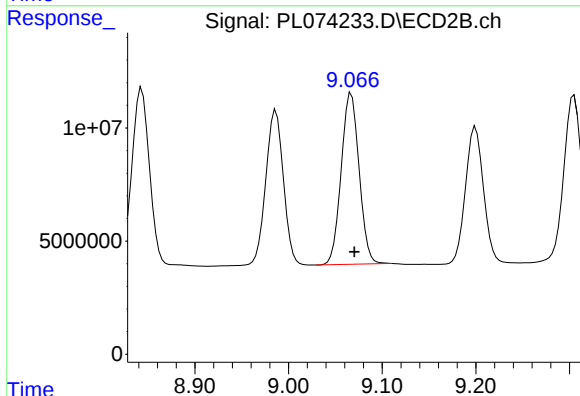
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 24588169
Conc: 59.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

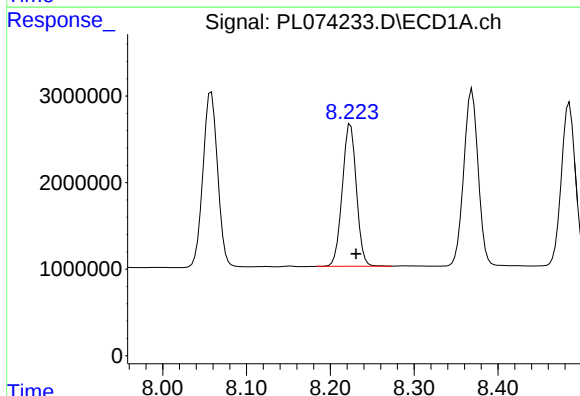
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



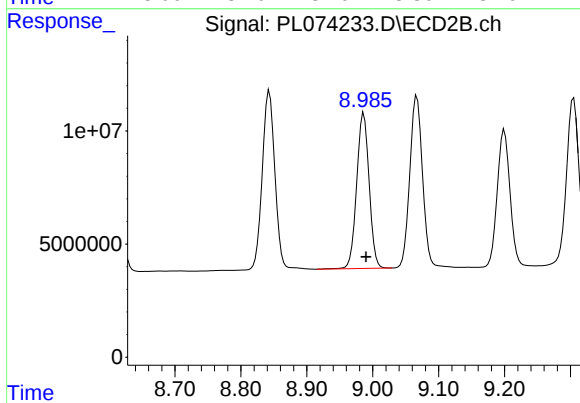
#15 Endosulfan II

R.T.: 9.067 min
Delta R.T.: -0.003 min
Response: 100781832
Conc: 58.01 ng/ml



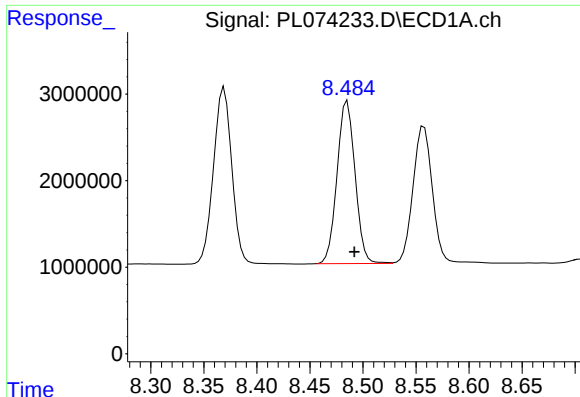
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 19232985
Conc: 59.56 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 90033489
Conc: 58.52 ng/ml



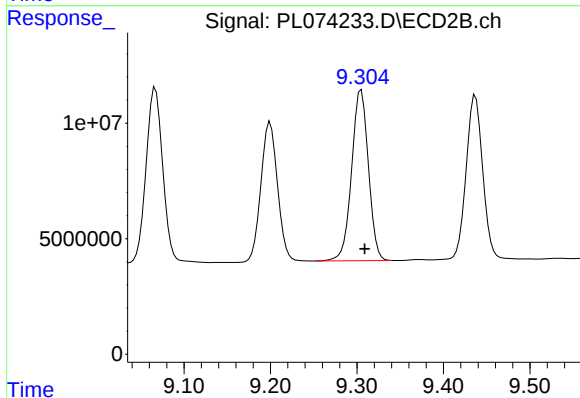
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 22214072
Conc: 60.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

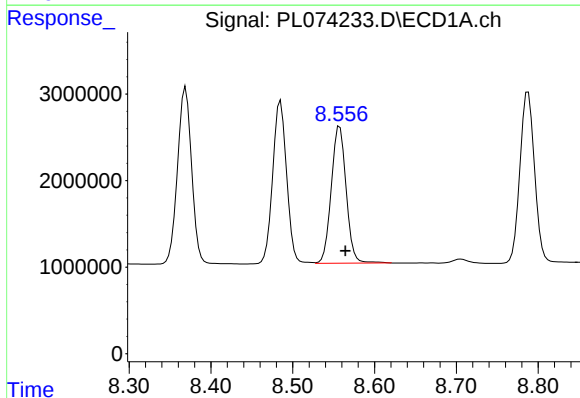
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



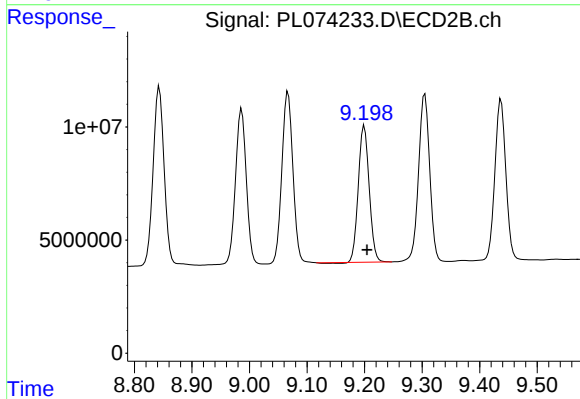
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 99586404
Conc: 56.18 ng/ml



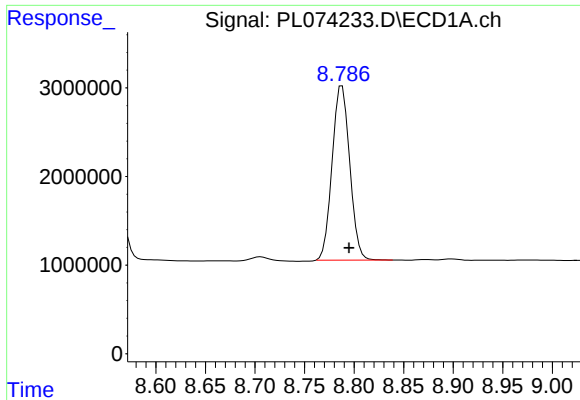
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.007 min
Response: 20059777
Conc: 62.00 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.005 min
Response: 79391533
Conc: 61.47 ng/ml



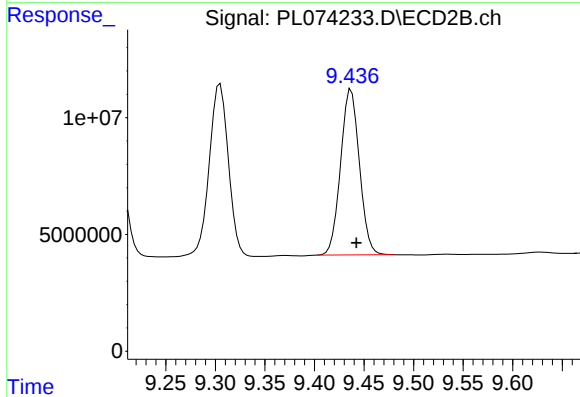
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 24318732
Conc: 56.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

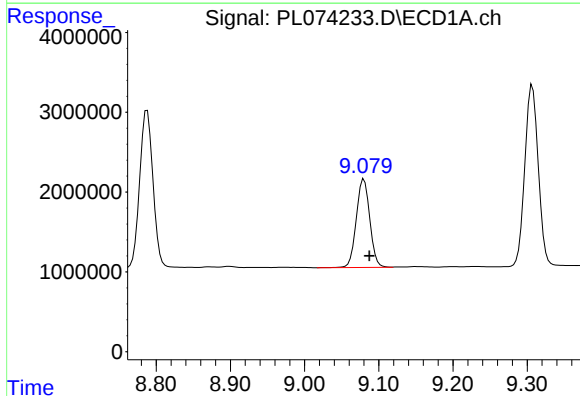
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



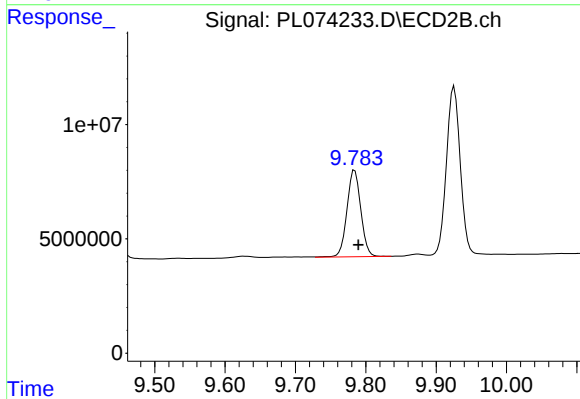
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 93753283
Conc: 56.33 ng/ml



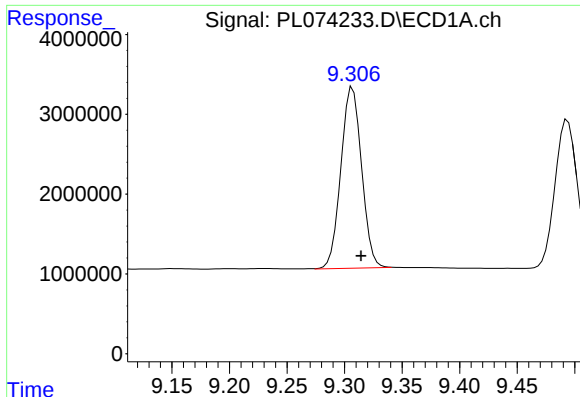
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 14016633
Conc: 56.46 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.005 min
Response: 51770778
Conc: 53.82 ng/ml



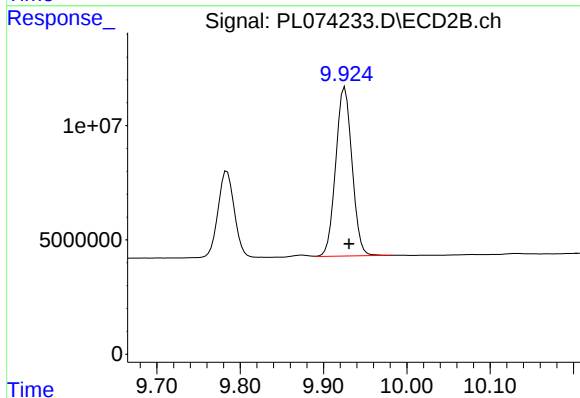
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.009 min
Response: 28545601
Conc: 58.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

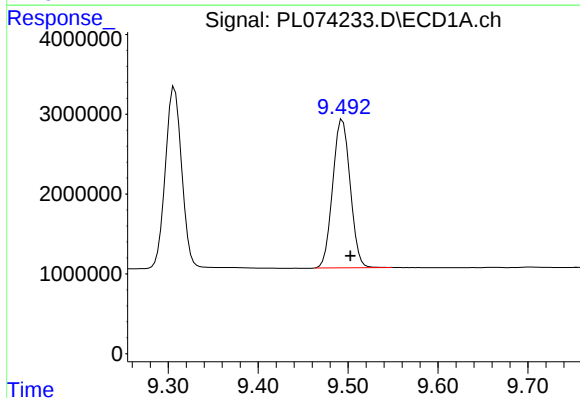
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



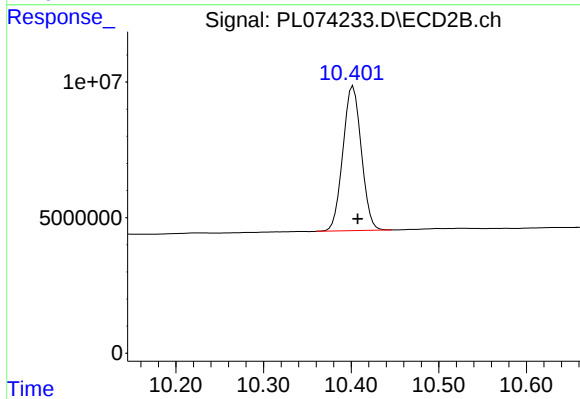
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 100781657
Conc: 58.22 ng/ml



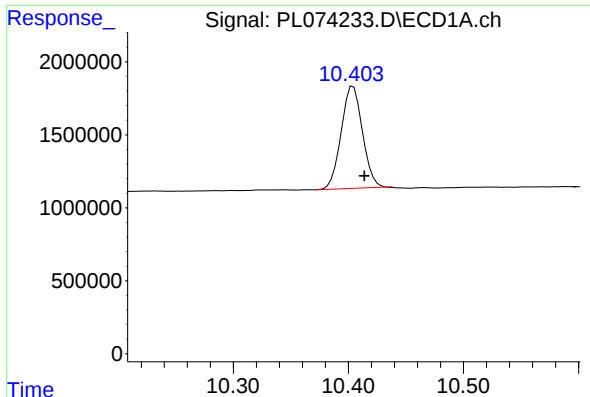
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 25165332
Conc: 53.96 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 77979090
Conc: 56.61 ng/ml



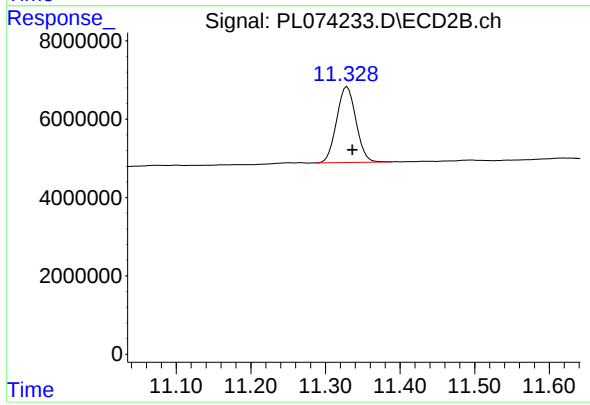
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 9028364
Conc: 17.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-15-1-6MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 34870890
Conc: 19.74 ng/ml