

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074310.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 17:37
 Operator : AR\AJ
 Sample : N2526-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-5SMSD

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 23:09:26 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	5609892	29081655	17.362	16.311
28)	SA Decachlor...	10.401	11.329	8615749	29958238	16.568m	16.961
Target Compounds							
2)	A alpha-BHC	5.342	6.052	22427084	139.3E6	53.441	55.303
3)	MA gamma-BHC...	5.765	6.441	22081138	131.2E6	52.650	55.433
4)	MA Heptachlor	6.175	7.100	22900840	135.6E6	50.839	51.980
5)	MB Aldrin	6.500	7.468	22394310	134.1E6	53.956	57.089
6)	B beta-BHC	6.146	6.678	10475082	57339452	51.266	50.877
7)	B delta-BHC	6.407	6.946	22313216	133.2E6	53.939	54.523
8)	B Heptachlo...	7.077	7.924	22482084	120.8E6	52.413	53.646
9)	A Endosulfan I	7.480	8.325	21363779	109.2E6	52.091	55.493
10)	B gamma-Chl...	7.354	8.193	23015761	121.6E6	52.477	54.531
11)	B alpha-Chl...	7.424	8.275	23192431	119.0E6	52.498	55.287
12)	B 4,4'-DDE	7.638	8.460	19322755	114.6E6	52.965	57.527
13)	MA Dieldrin	7.766	8.610	22268407	115.0E6	51.839	57.371
14)	MA Endrin	8.057	8.844	21355730	98039907	52.570	57.886
15)	B Endosulfa...	8.368	9.068	22177825	96535190	53.809	55.568
16)	A 4,4'-DDD	8.223	8.987	17005941	86808589	52.662	56.421
17)	MA 4,4'-DDT	8.484	9.306	18538274	89070183	50.152	50.246
18)	B Endrin al...	8.556	9.200	18517223	76294439	57.231	59.069
19)	B Endosulfa...	8.787	9.438	22265202	91955040	52.141	55.251
20)	A Methoxychlor	9.079	9.786	12217554	46011646	49.211	47.837
21)	B Endrin ke...	9.304	9.926	26390376	93669480	54.017m	54.115
22)	Mirex	9.493	10.403	23710960	72124559	50.838	52.363

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
Data File : PL074310.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2022 17:37
Operator : AR\AJ
Sample : N2526-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

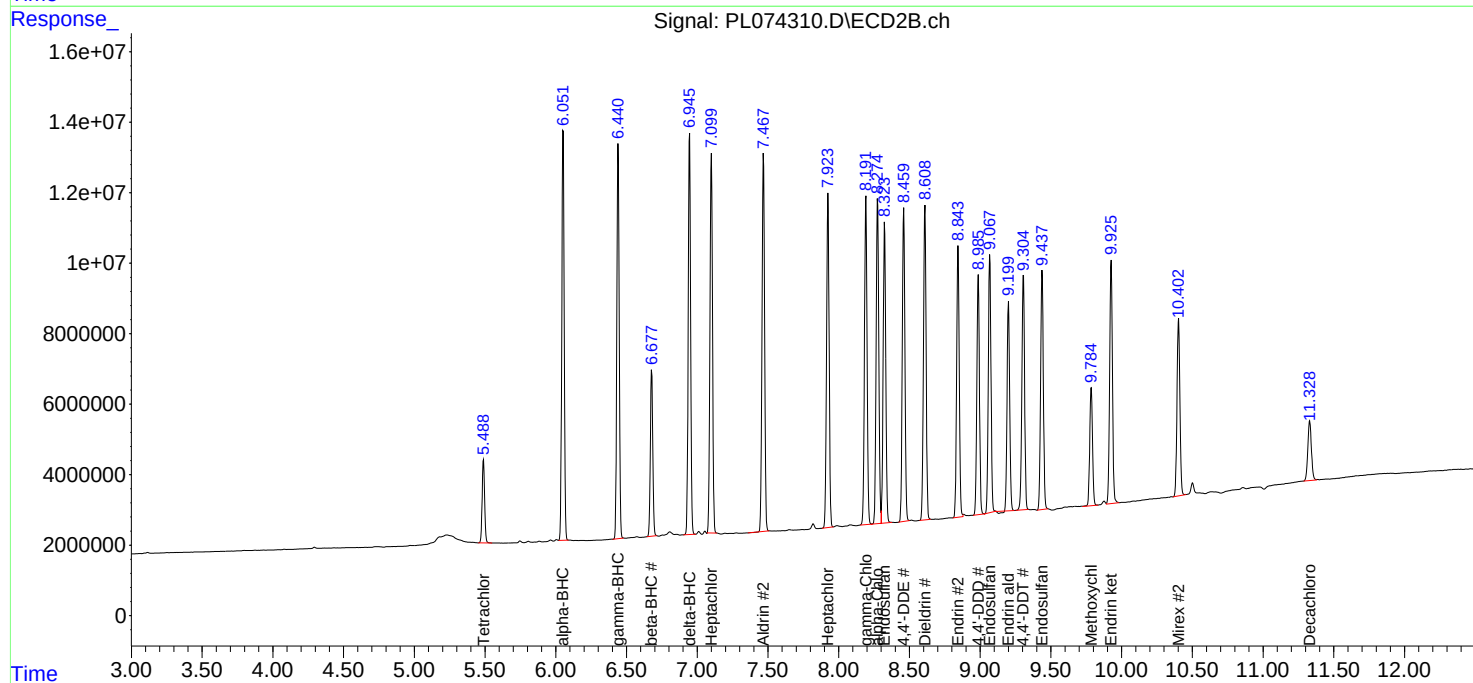
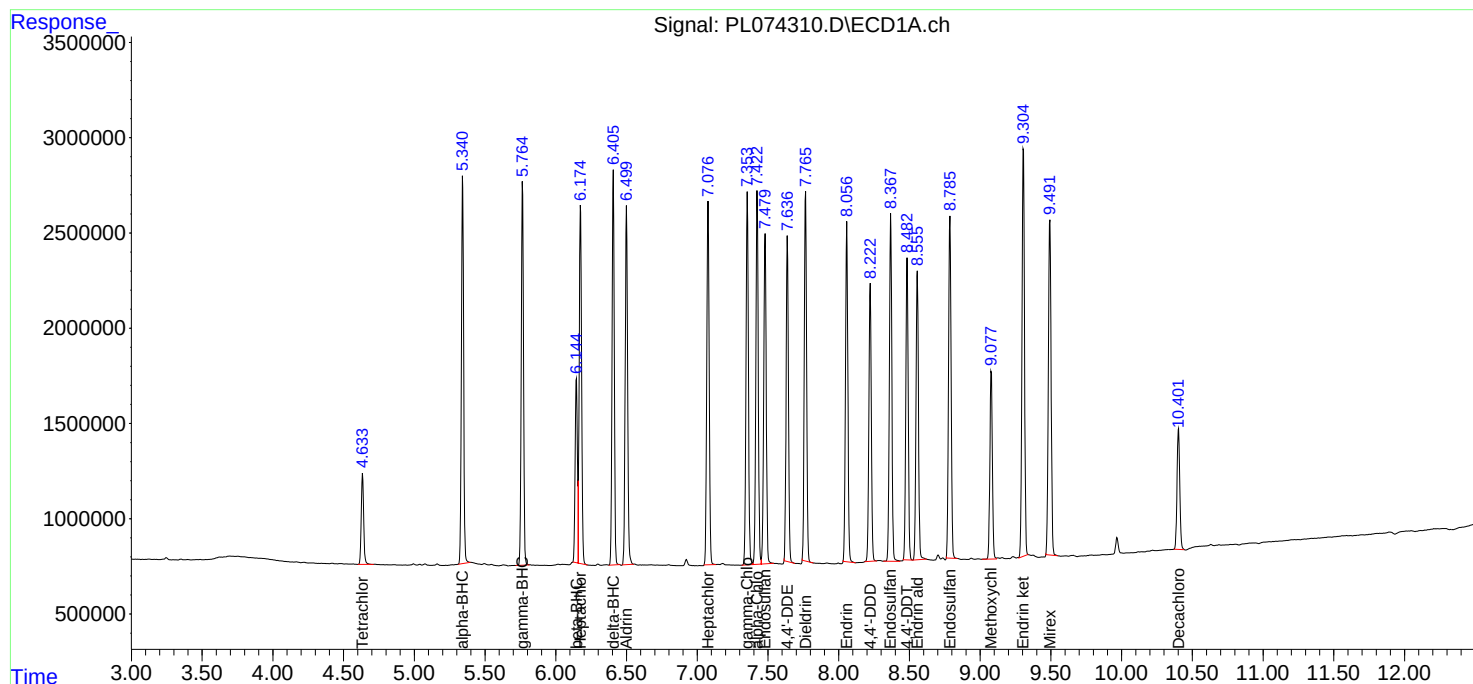
Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

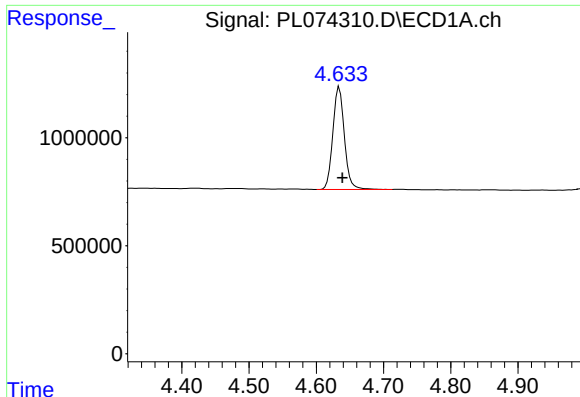
Manual Integrations
APPROVED

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 23:09:26 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





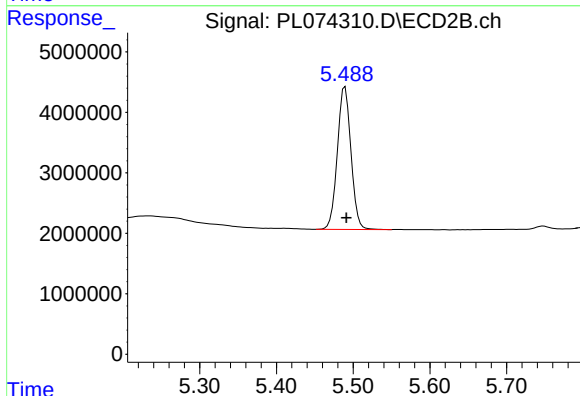
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 5609892
Conc: 17.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

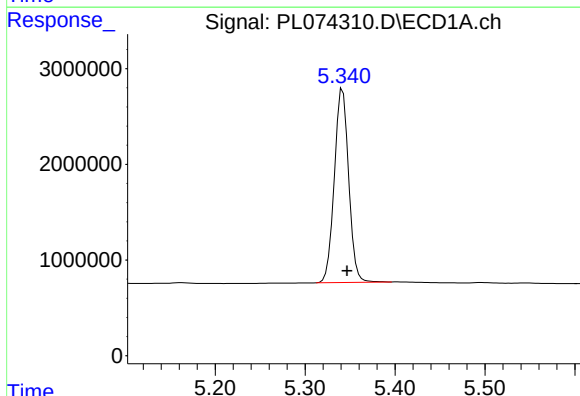
Manual Integrations
APPROVED

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



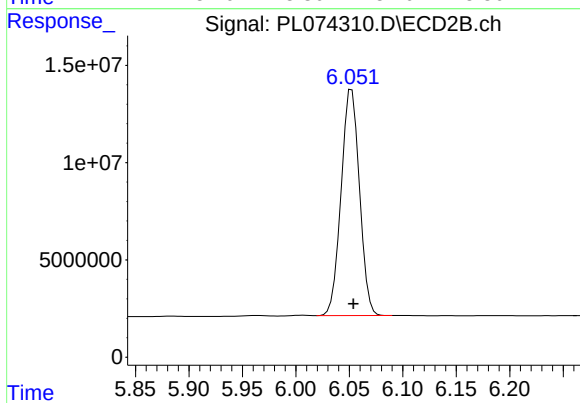
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 29081655
Conc: 16.31 ng/ml



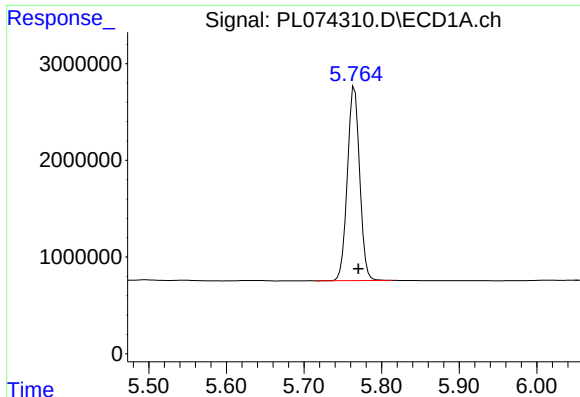
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 22427084
Conc: 53.44 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 139258348
Conc: 55.30 ng/ml



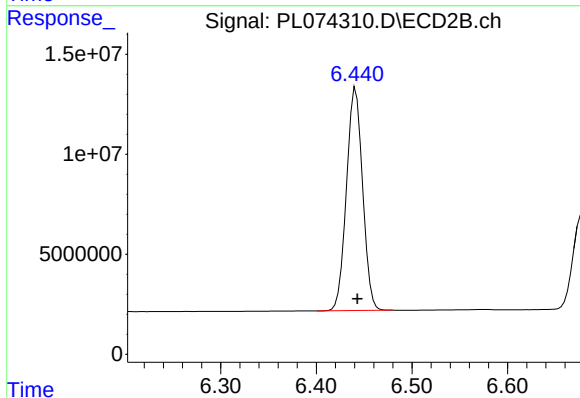
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 22081138
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

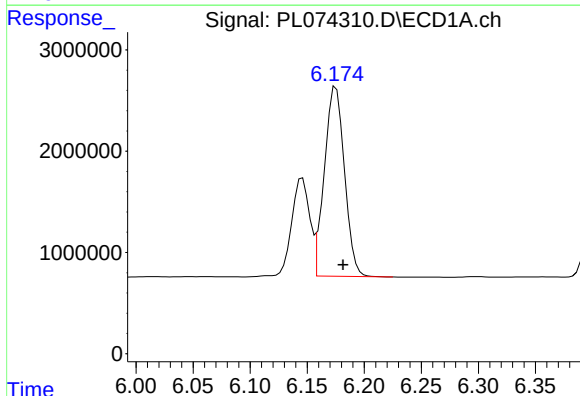
Manual Integrations
APPROVED

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



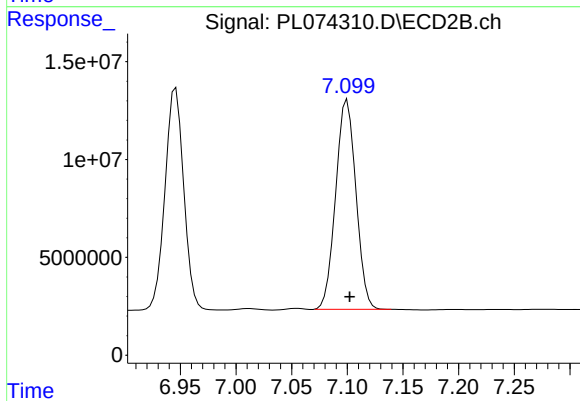
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 131217334
Conc: 55.43 ng/ml



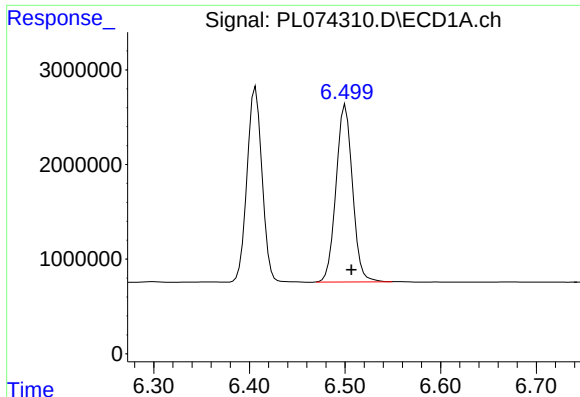
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 22900840
Conc: 50.84 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 135584997
Conc: 51.98 ng/ml



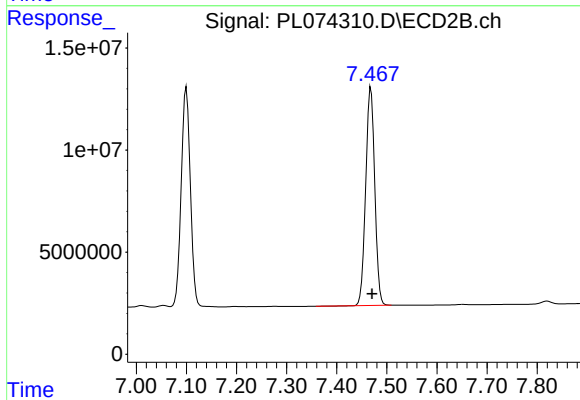
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 22394310
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

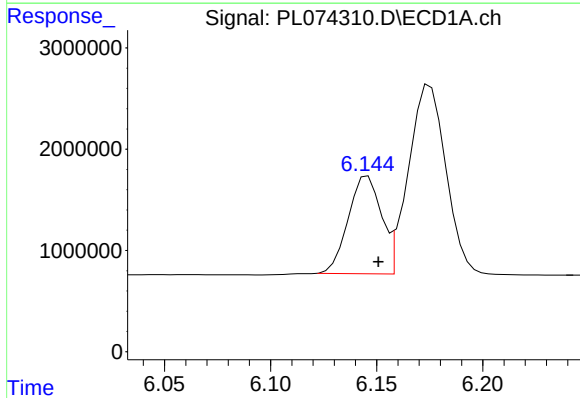
Manual Integrations
APPROVED

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



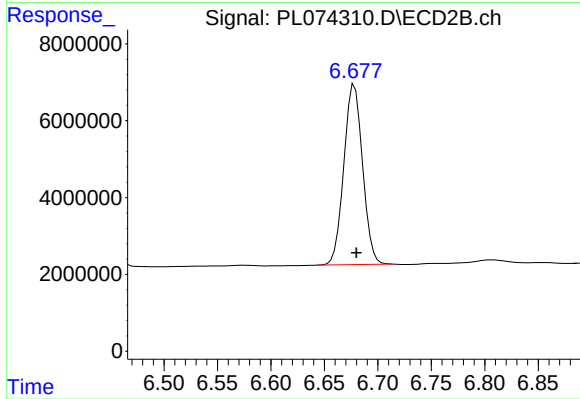
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 134078638
Conc: 57.09 ng/ml



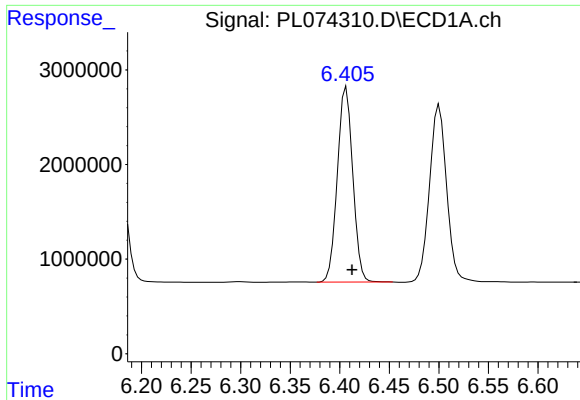
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10475082
Conc: 51.27 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 57339452
Conc: 50.88 ng/ml



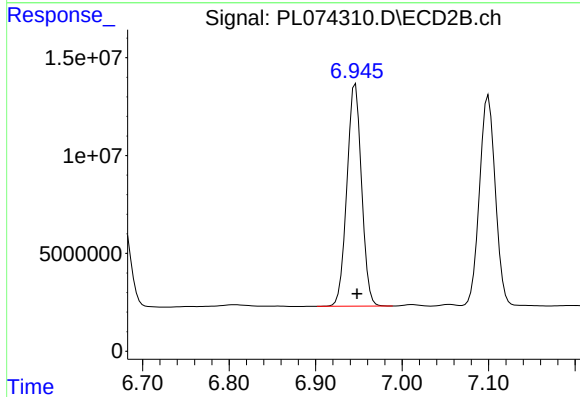
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 22313216
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

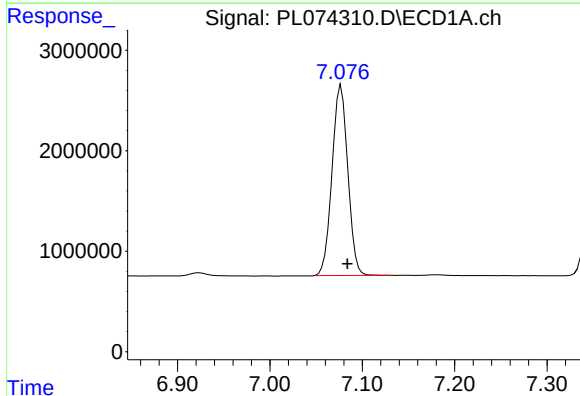
Manual Integrations
APPROVED

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



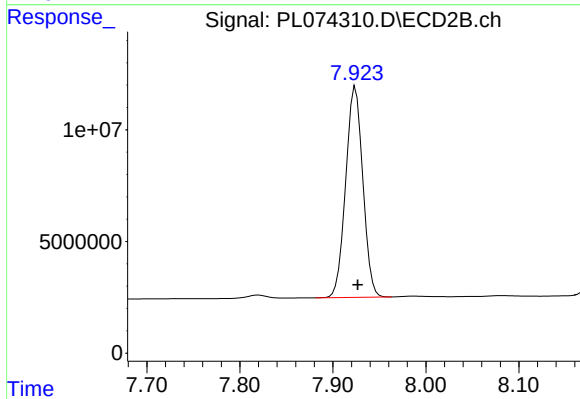
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 133161271
Conc: 54.52 ng/ml



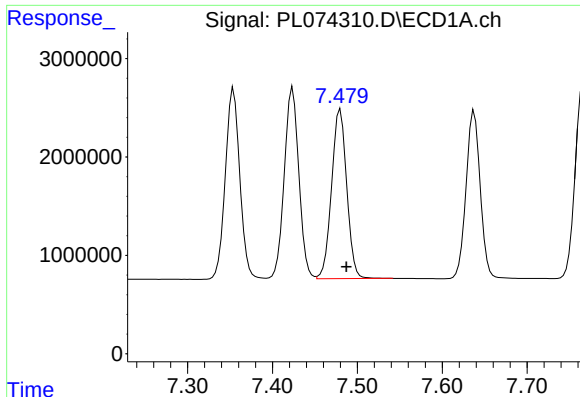
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 22482084
Conc: 52.41 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 120786245
Conc: 53.65 ng/ml



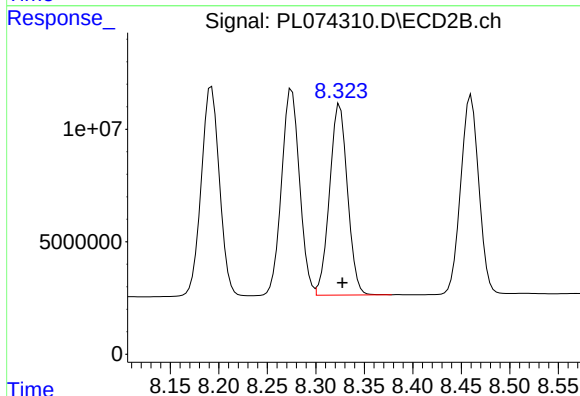
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 21363779
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

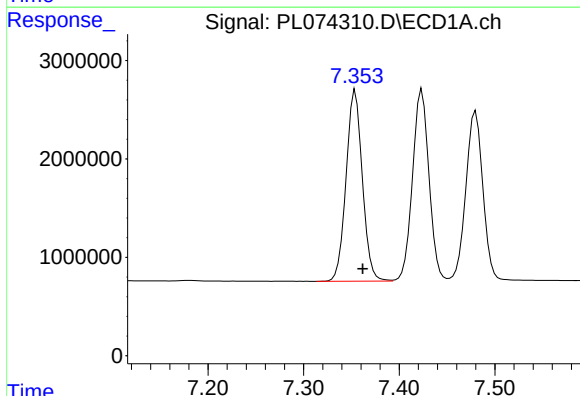
Manual Integrations
APPROVED

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



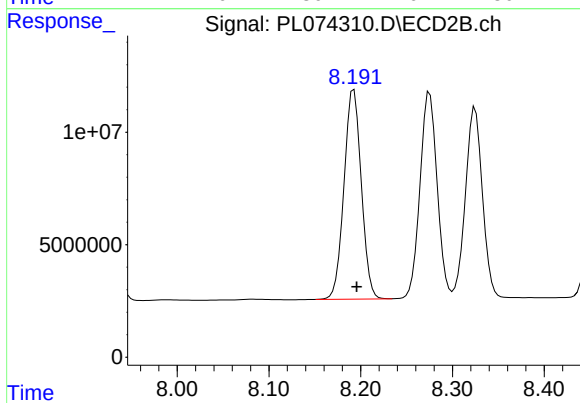
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 109245942
Conc: 55.49 ng/ml



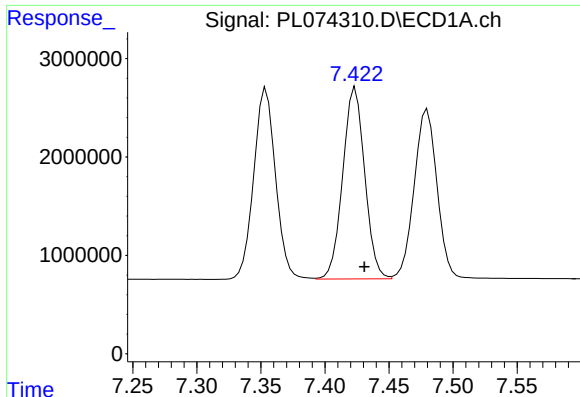
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 23015761
Conc: 52.48 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 121623484
Conc: 54.53 ng/ml



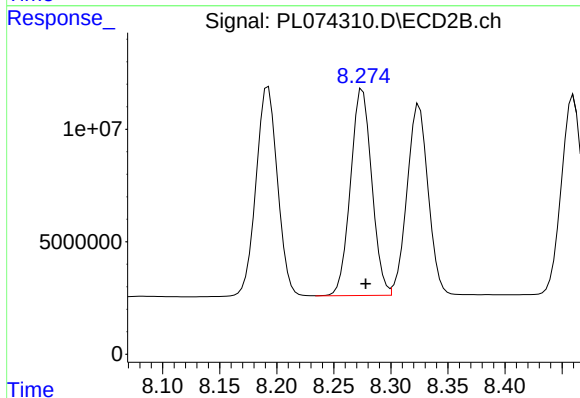
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 23192431
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

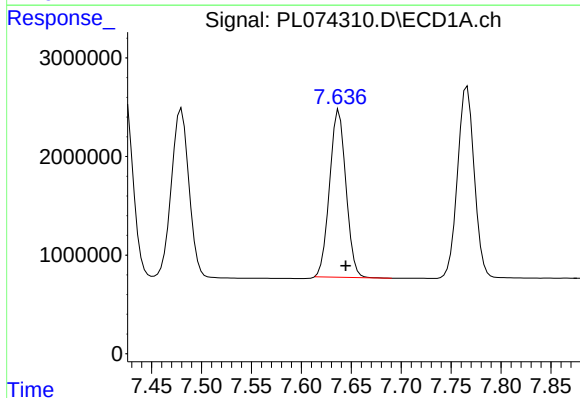
Manual Integrations
APPROVED

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



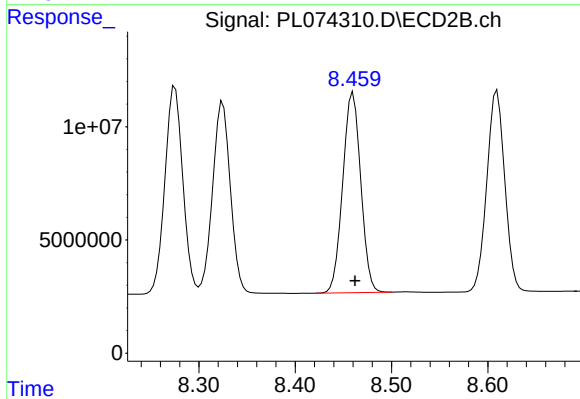
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 119010785
Conc: 55.29 ng/ml



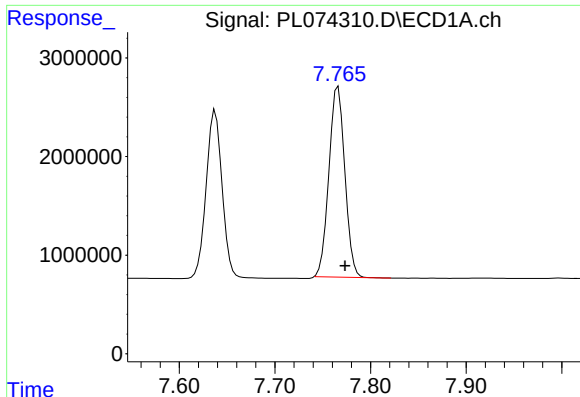
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 19322755
Conc: 52.97 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 114575918
Conc: 57.53 ng/ml



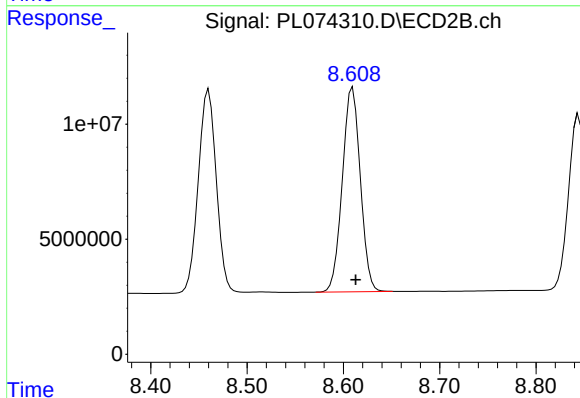
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 22268407
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

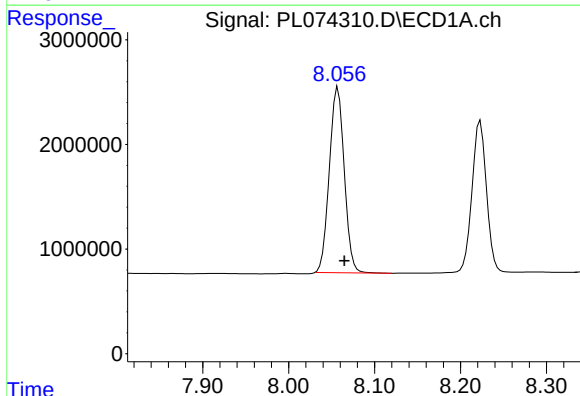
Manual Integrations
APPROVED

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



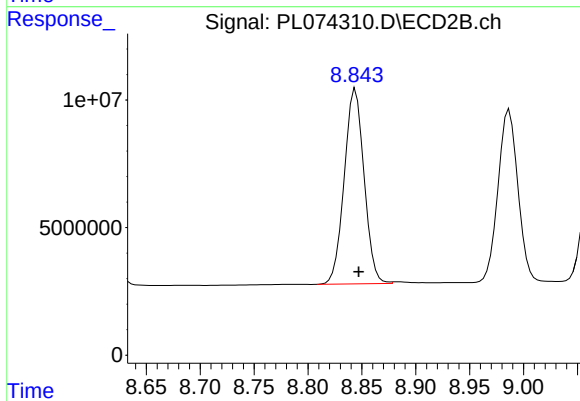
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 115044340
Conc: 57.37 ng/ml



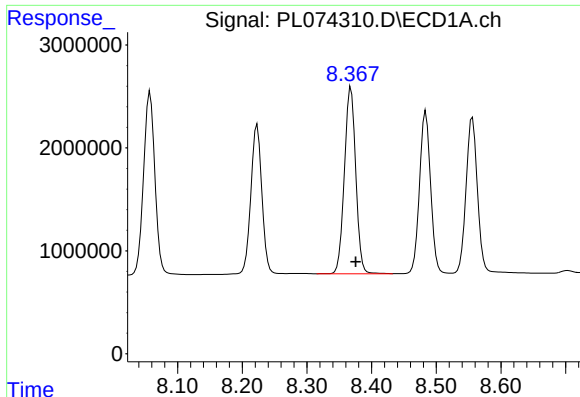
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 21355730
Conc: 52.57 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 98039907
Conc: 57.89 ng/ml



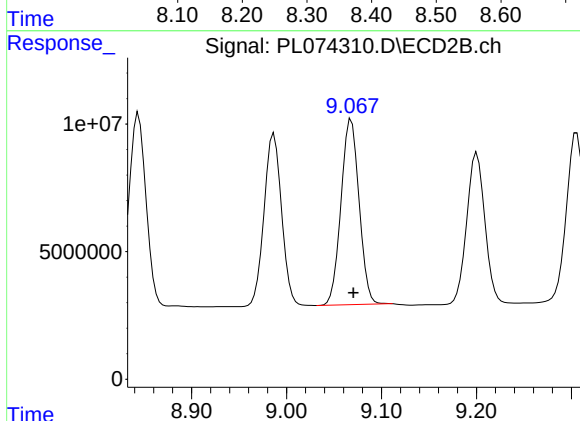
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 22177825
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

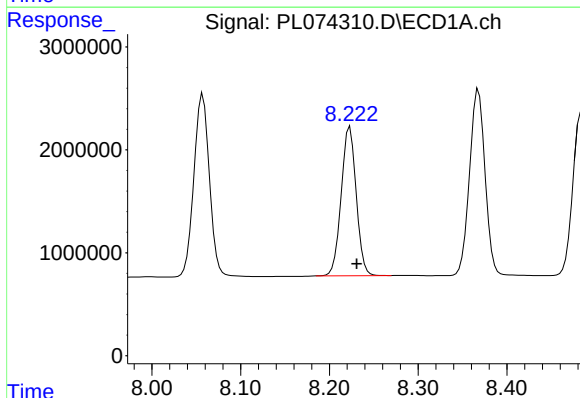
Manual Integrations
APPROVED

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



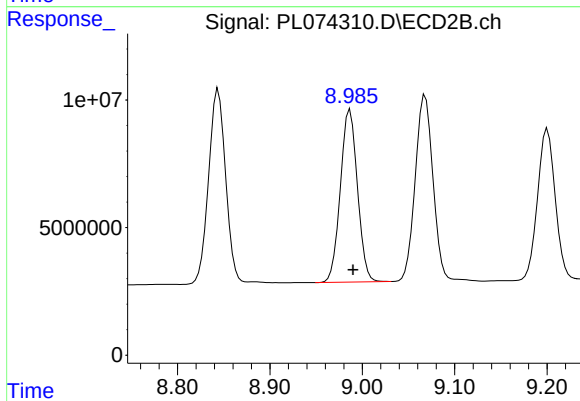
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 96535190
Conc: 55.57 ng/ml



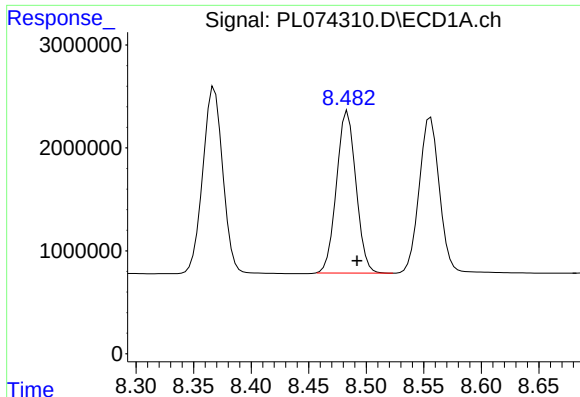
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 17005941
Conc: 52.66 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 86808589
Conc: 56.42 ng/ml



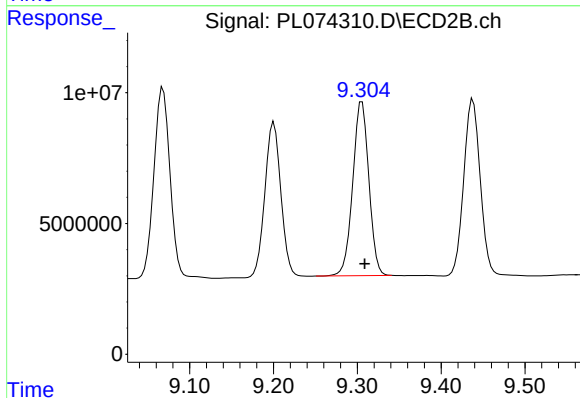
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 18538274
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

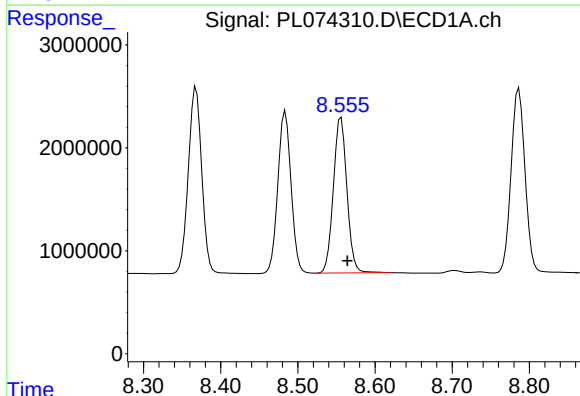
Manual Integrations
APPROVED

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



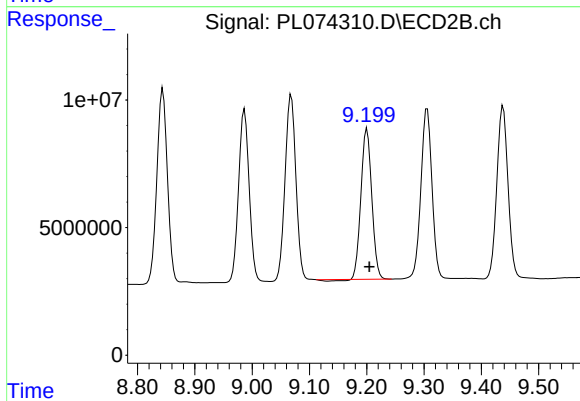
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 89070183
Conc: 50.25 ng/ml



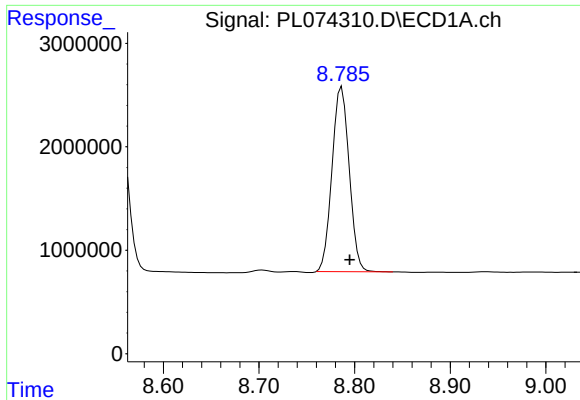
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 18517223
Conc: 57.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 76294439
Conc: 59.07 ng/ml



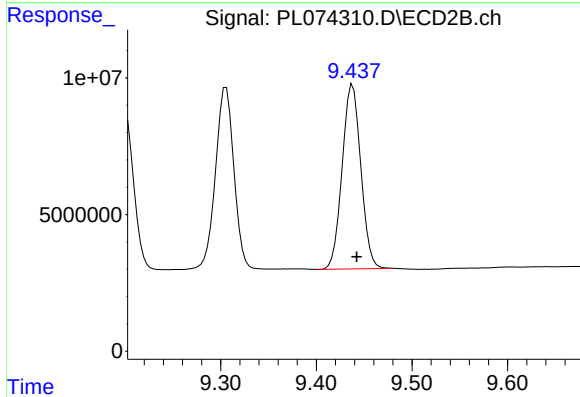
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 22265202
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

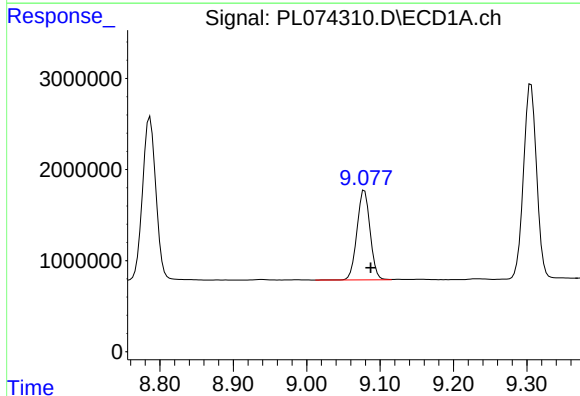
Manual Integrations
APPROVED

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



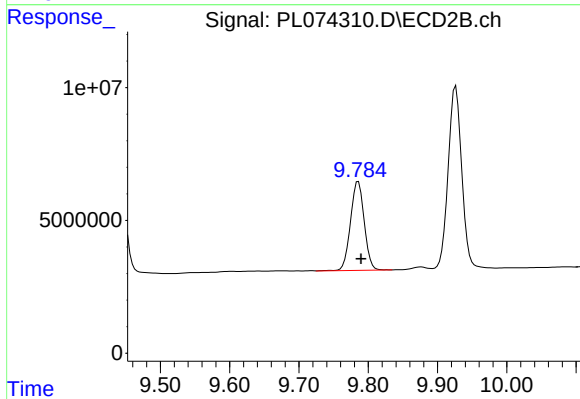
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 91955040
Conc: 55.25 ng/ml



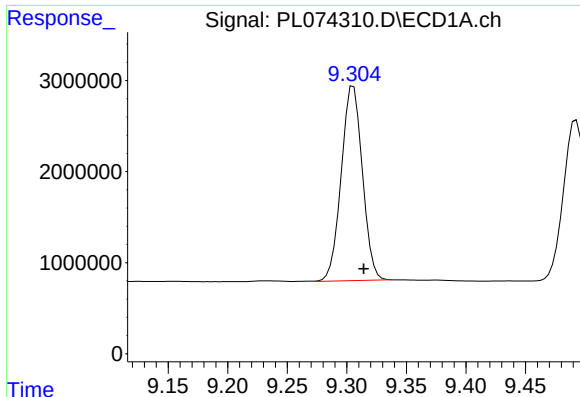
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 12217554
Conc: 49.21 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 46011646
Conc: 47.84 ng/ml



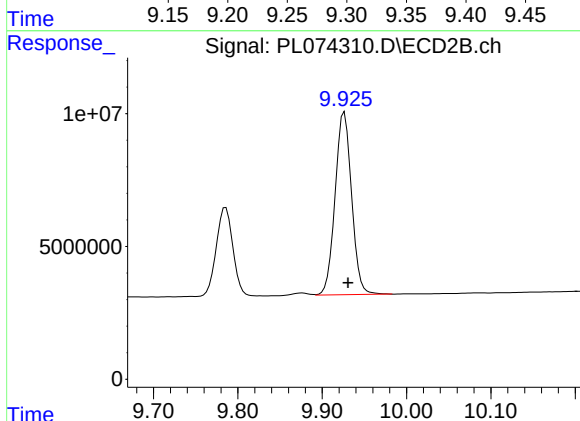
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 26390376
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

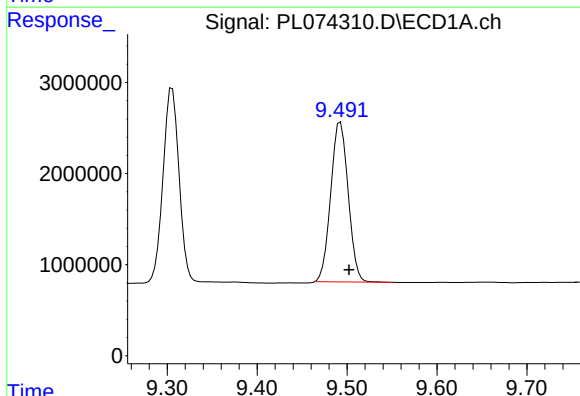
Manual Integrations
APPROVED

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



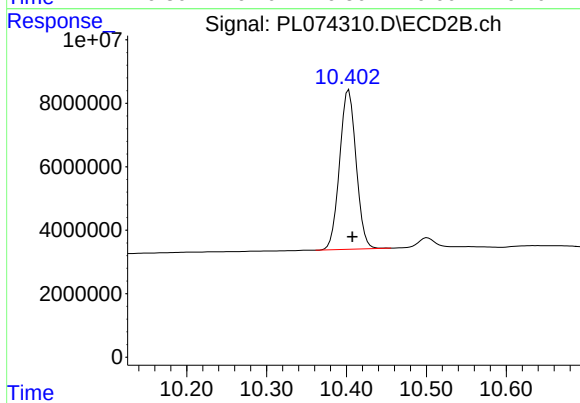
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 93669480
Conc: 54.11 ng/ml



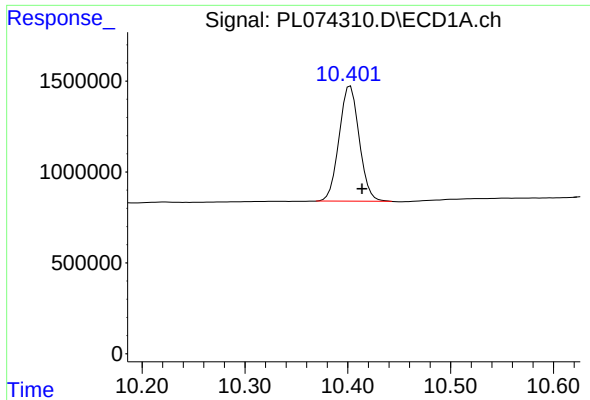
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.010 min
Response: 23710960
Conc: 50.84 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 72124559
Conc: 52.36 ng/ml



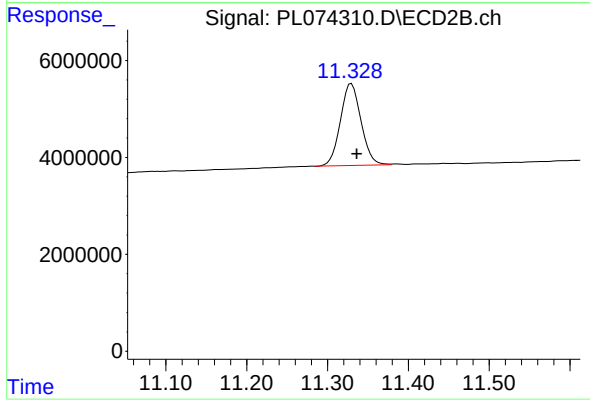
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 8615749
Conc: 16.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-5SMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 29958238
Conc: 16.96 ng/ml