Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
Data File : PL074286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2022 22:33
Operator : AR\AJ
Sample : N2479-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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 22 03:28:36 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	5016409	26079934	15.525	14.627
28)	SA Decachlor...	10.405	11.330	5817765	19149615	11.187	10.842
	Target Compounds						
2)	A alpha-BHC	5.342	6.051	20940023	129.0E6	49.897	51.249
3)	MA gamma-BHC...	5.765	6.441	20711487	119.7E6	49.384	50.547
4)	MA Heptachlor	6.176	7.099	20135134	111.0E6	44.699	42.554
5)	MB Aldrin	6.501	7.467	20702767	111.7E6	49.880	47.559
6)	B beta-BHC	6.146	6.678	9883911	53169987	48.373	47.178
7)	B delta-BHC	6.407	6.945	20775442	118.4E6	50.222	48.468
8)	B Heptachlo...	7.077	7.924	20933342	98768695	48.803	43.867
9)	A Endosulfan I	7.480	8.324	19903809	84225531	48.532	42.783
10)	B gamma-Chl...	7.355	8.192	21325171	96256327	48.622	43.157
11)	B alpha-Chl...	7.425	8.274	21398931	92359219	48.439	42.906
12)	B 4,4'-DDE	7.639	8.459	17674054	85444106	48.446	42.900
13)	MA Dieldrin	7.765	8.609	20767826	86282623	48.345m	43.028
14)	MA Endrin	8.058	8.843	19692833	72040539	48.477	42.535
15)	B Endosulfa...	8.369	9.068	20182738	72065905	48.968	41.483
16)	A 4,4'-DDD	8.223	8.986	15254248	64797569	47.238	42.115
17)	MA 4,4'-DDT	8.485	9.305	16641571	65771646	45.021	37.103
18)	B Endrin al...	8.557	9.200	16342185	57290628	50.508	44.356
19)	B Endosulfa...	8.788	9.438	20058271	68039331	46.972	40.881
20)	A Methoxychlor	9.080	9.785	10919218	36608737	43.982	38.061
21)	B Endrin ke...	9.307	9.926	22187135	69774037	45.414	40.310
22)	Mirex	9.494	10.403	20718265	55670744	44.421	40.417

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
Data File : PL074286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2022 22:33
Operator : AR\AJ
Sample : N2479-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_L
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Integration File signal 1: autoint1.e
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Quant Time: Apr 22 03:28:36 2022
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QLast Update : Thu Apr 14 09:29:23 2022
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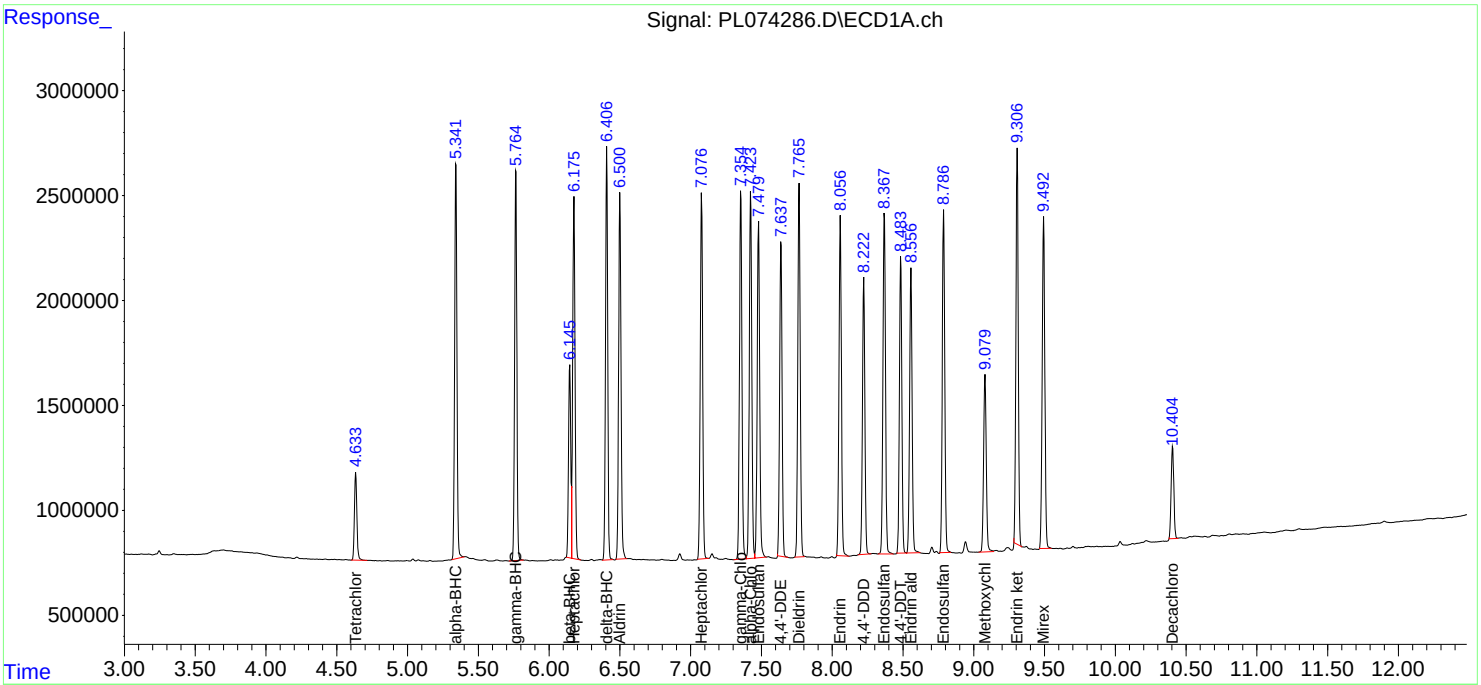
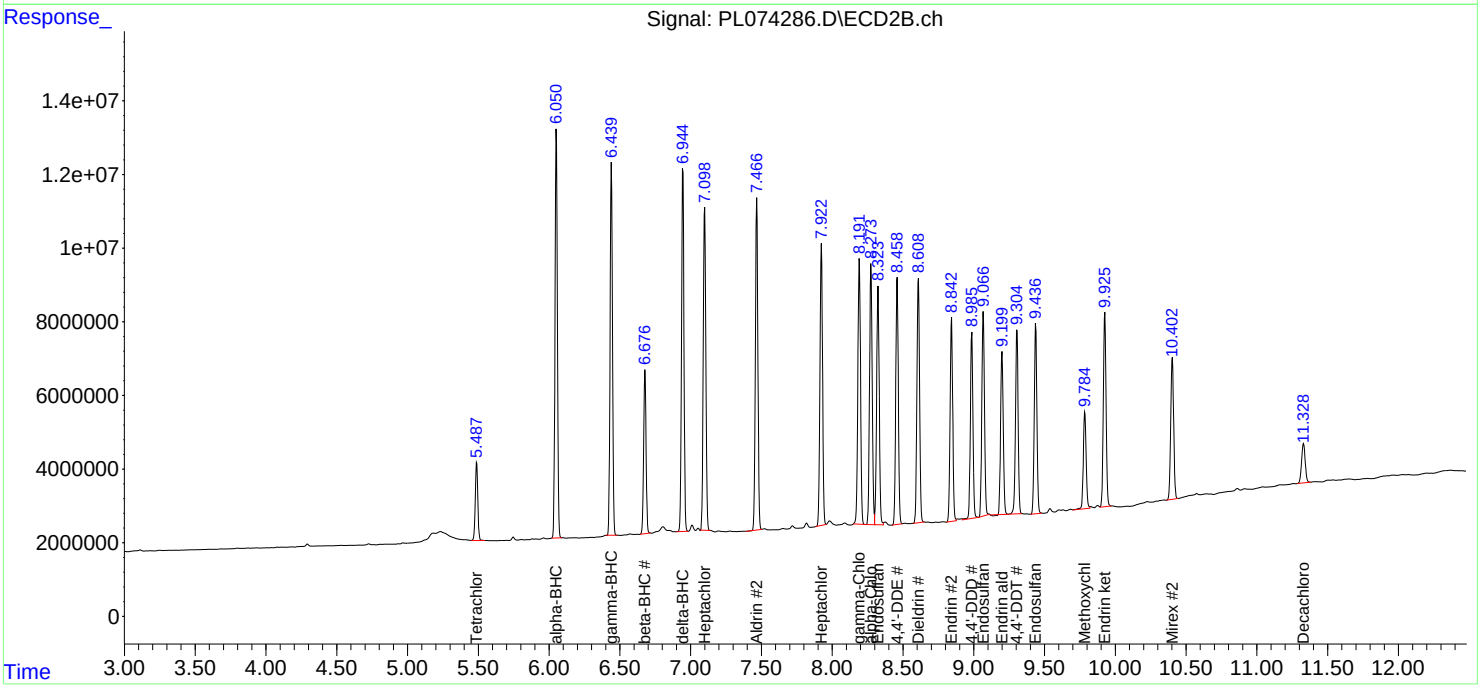
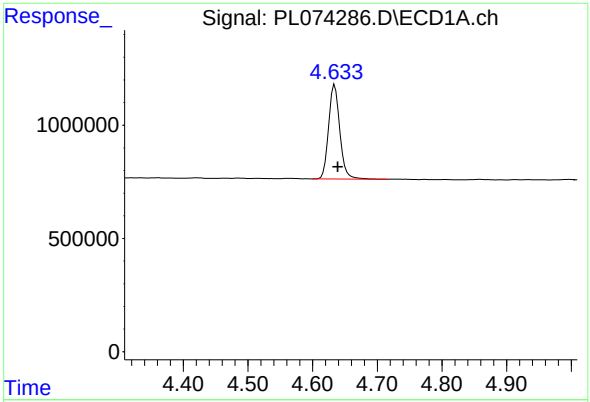
Integrator: ChemStation

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: 5016409
Conc: 15.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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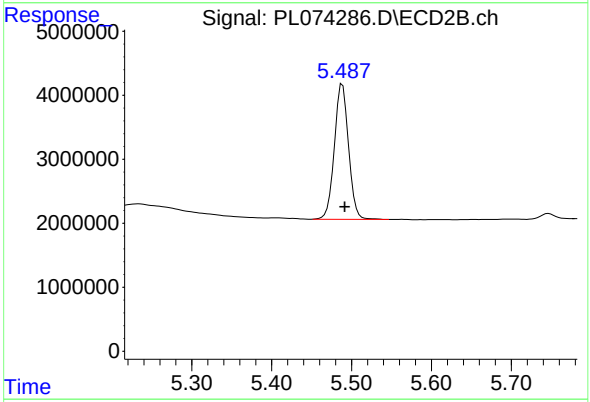
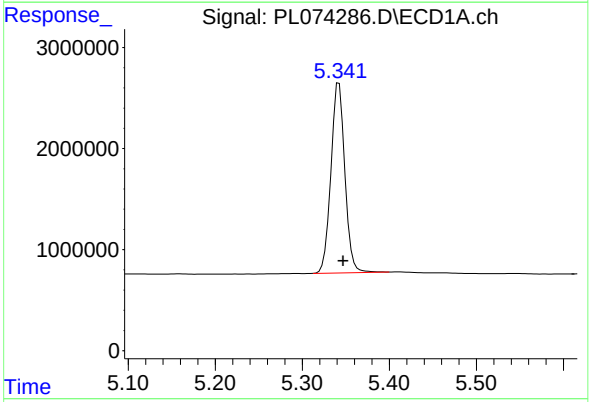


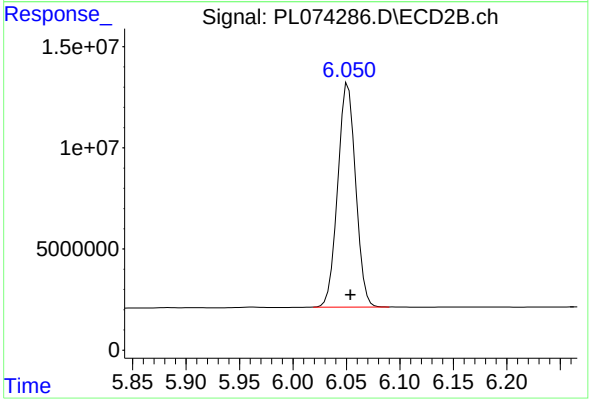
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 26079934
Conc: 14.63 ng/ml



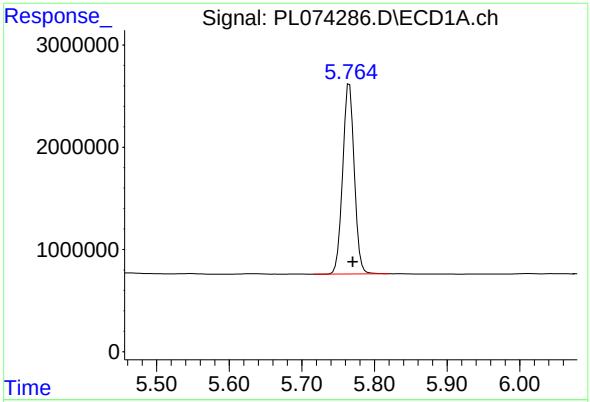
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 20940023
Conc: 49.90 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 129049361
Conc: 51.25 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 20711487
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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Reviewed By :Abdul Mirza 04/22/2022
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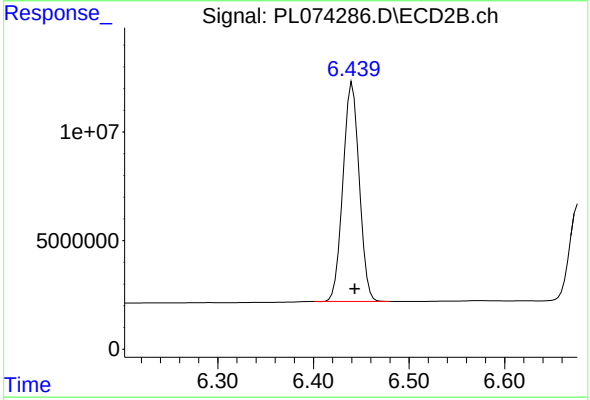
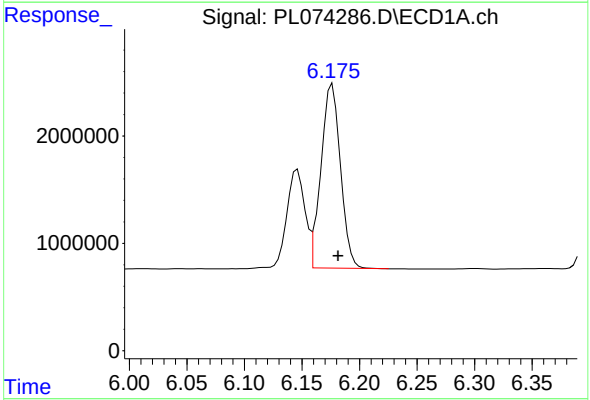


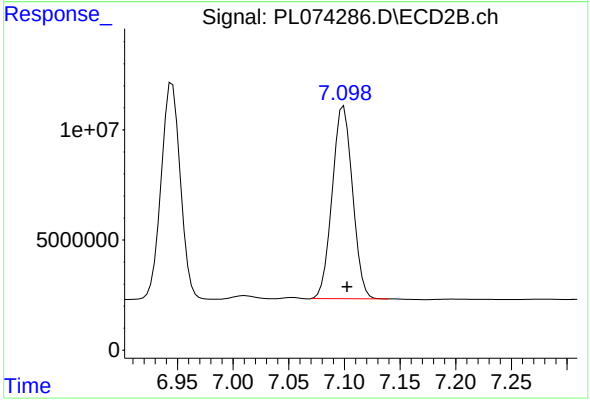
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 119650960
Conc: 50.55 ng/ml



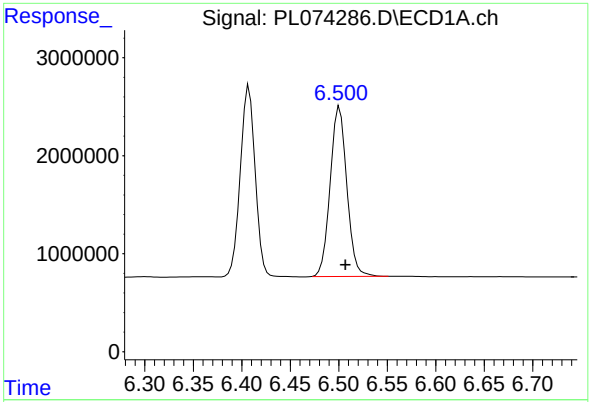
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 20135134
Conc: 44.70 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 110998971
Conc: 42.55 ng/ml



#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 20702767
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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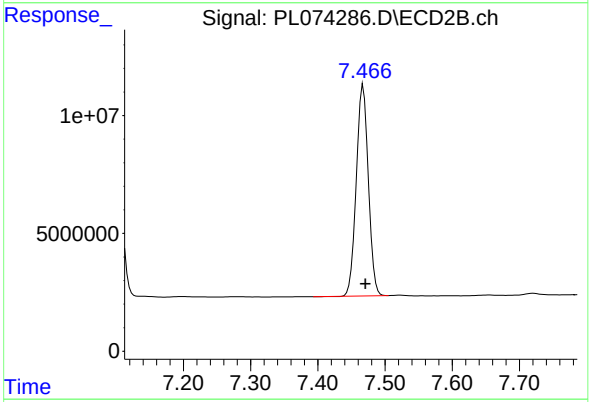
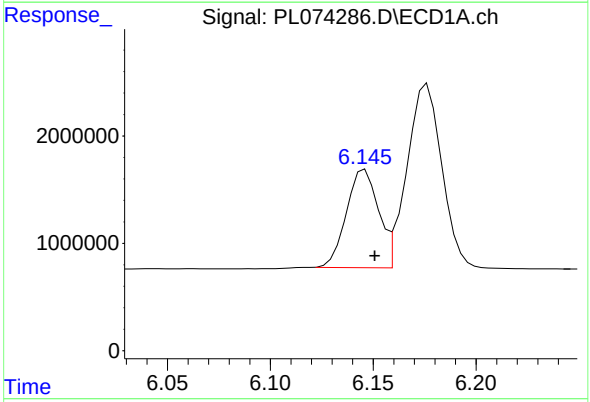


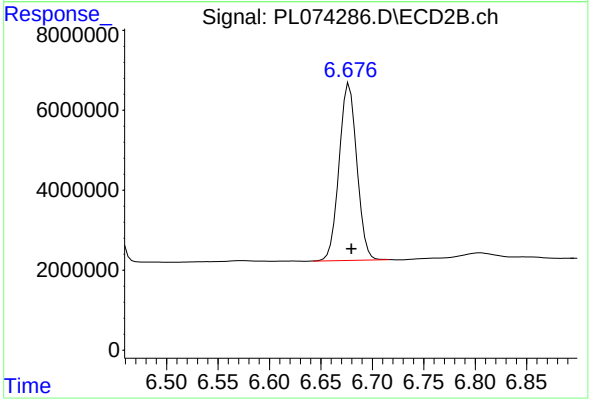
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 111696714
Conc: 47.56 ng/ml



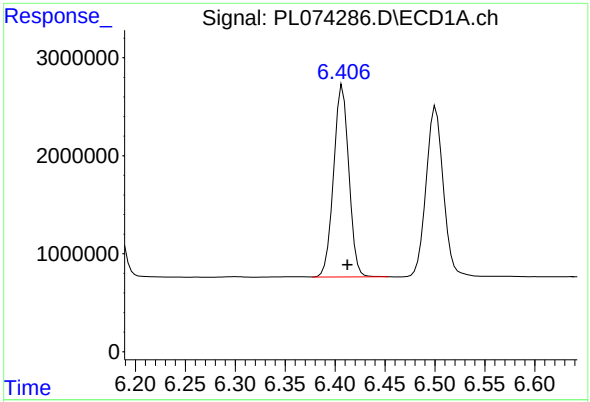
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 9883911
Conc: 48.37 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 53169987
Conc: 47.18 ng/ml



#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 20775442
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

Manual Integrations APPROVED

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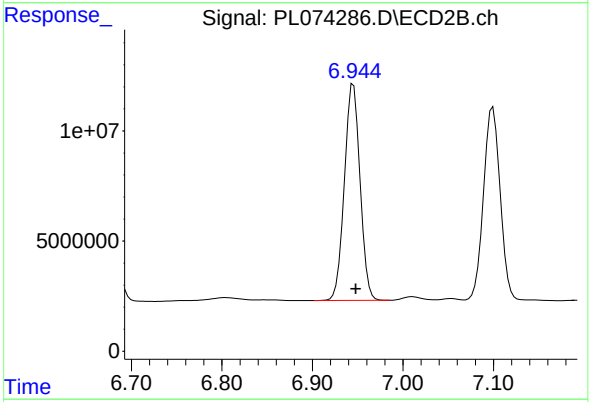
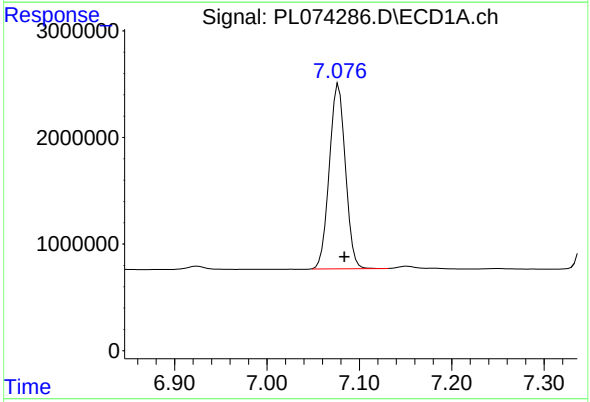
Supervised By :mohammad ahmed 04/22/2022



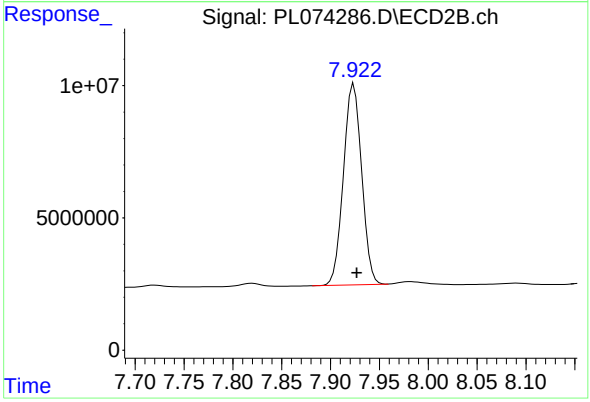
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 118371531
Conc: 48.47 ng/ml



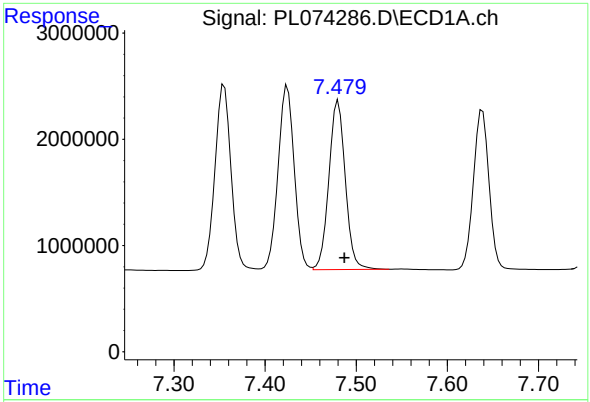
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 20933342
Conc: 48.80 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 98768695
Conc: 43.87 ng/ml



#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 19903809
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

Manual Integrations APPROVED

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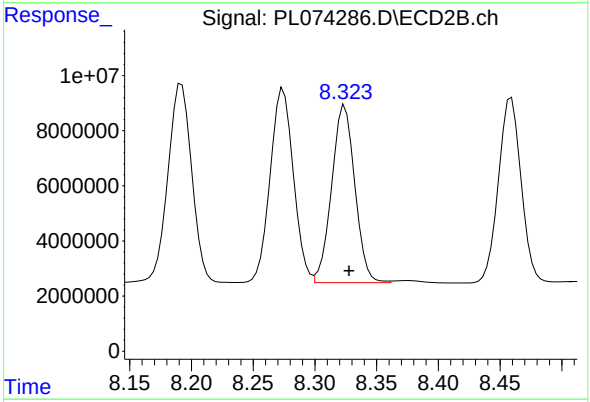
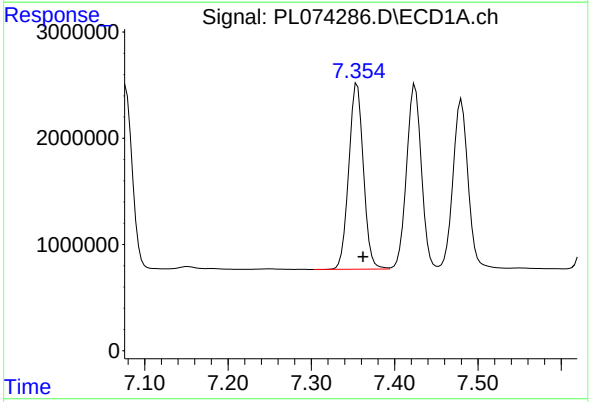


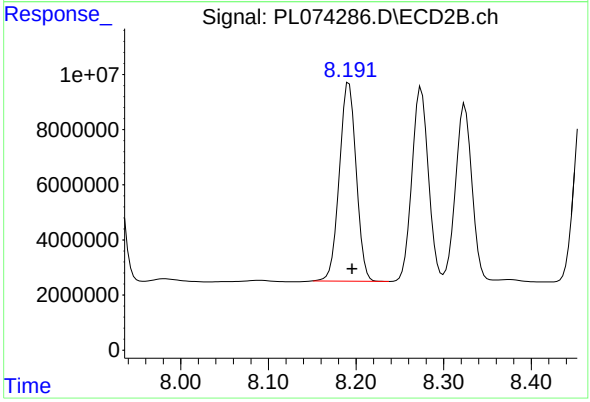
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 84225531
Conc: 42.78 ng/ml



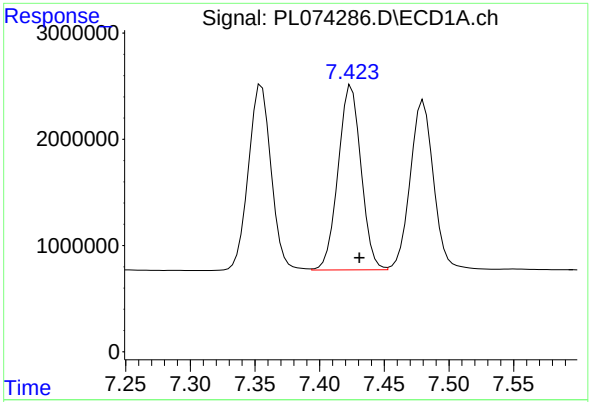
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 21325171
Conc: 48.62 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 96256327
Conc: 43.16 ng/ml



#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 21398931
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

Manual Integrations
APPROVED

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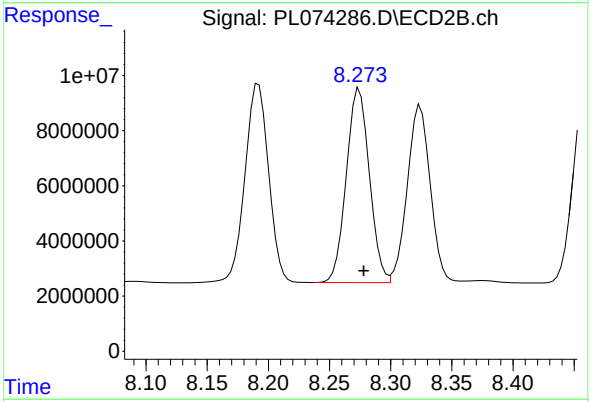
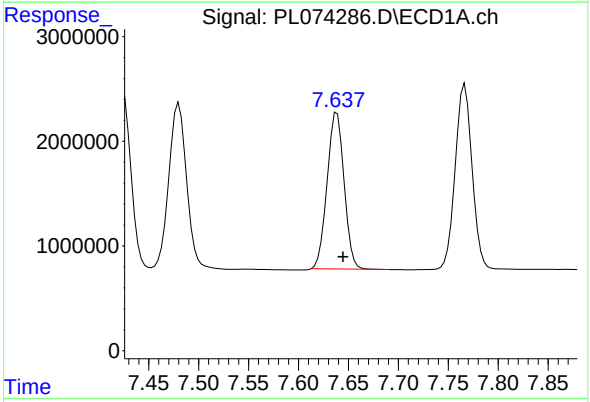


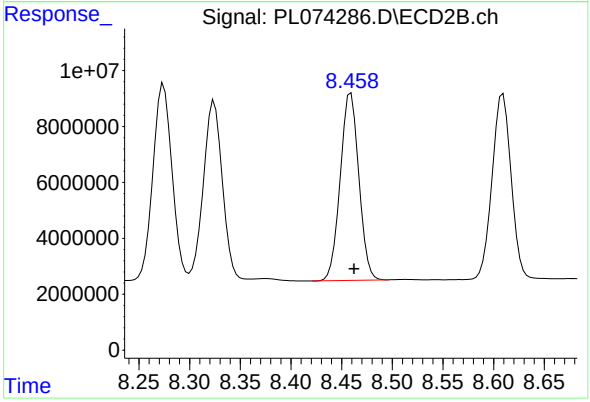
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 92359219
Conc: 42.91 ng/ml



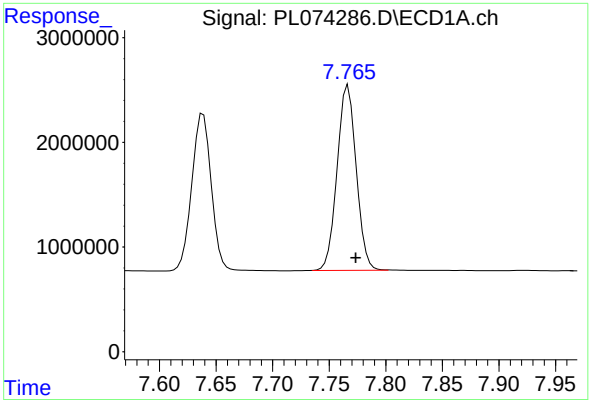
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 17674054
Conc: 48.45 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 85444106
Conc: 42.90 ng/ml



#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 20767826
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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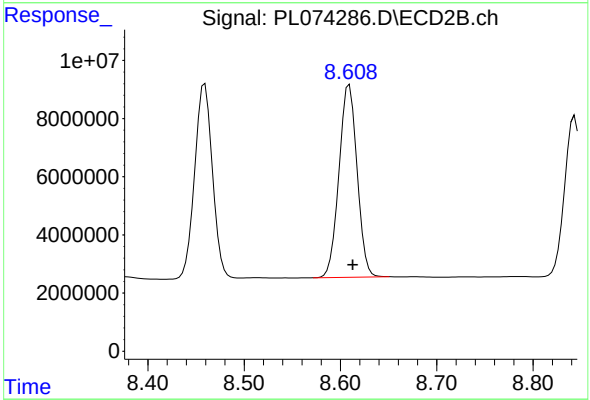
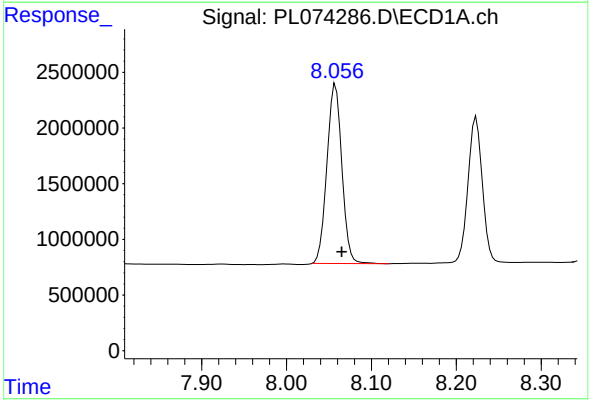


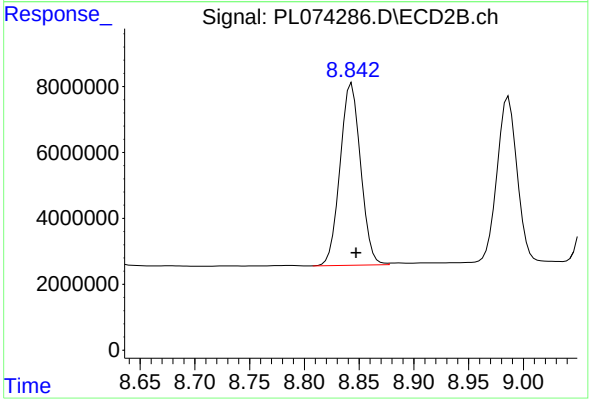
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 86282623
Conc: 43.03 ng/ml



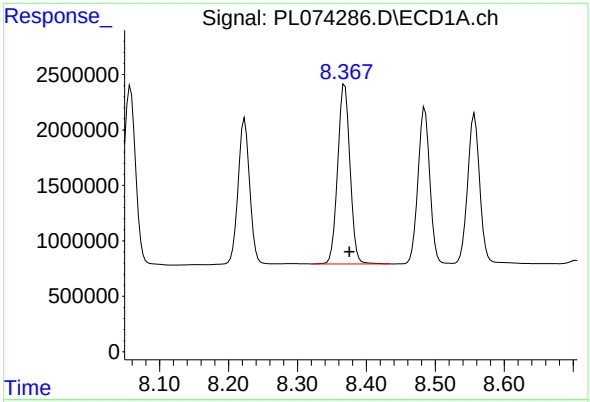
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 19692833
Conc: 48.48 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: -0.004 min
Response: 72040539
Conc: 42.54 ng/ml



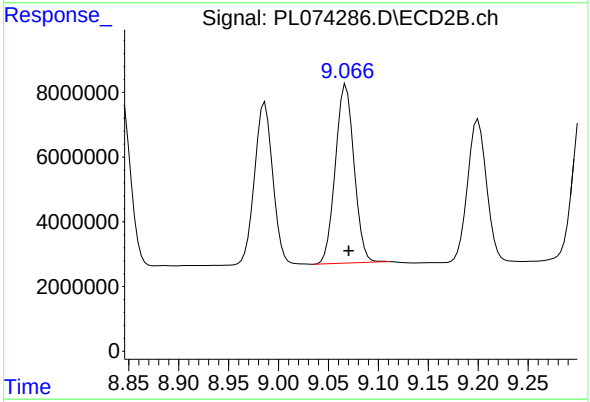
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 20182738
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

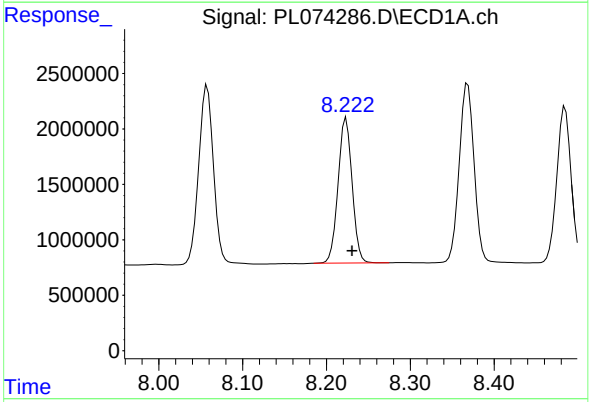
Manual Integrations APPROVED

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



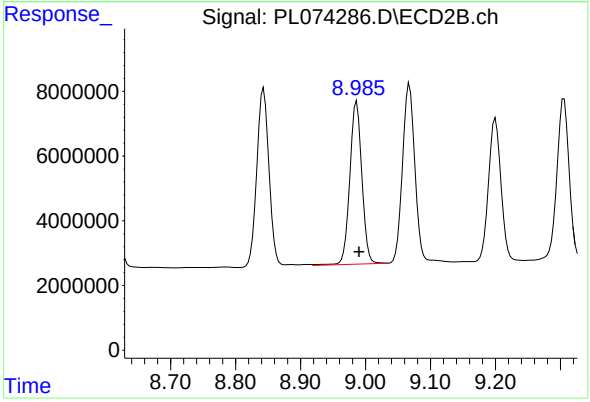
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 72065905
Conc: 41.48 ng/ml



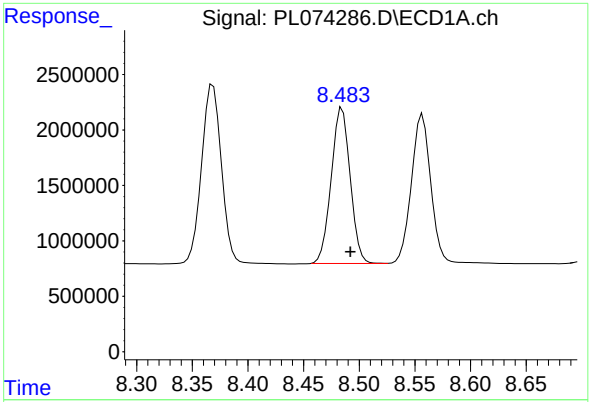
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 15254248
Conc: 47.24 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 64797569
Conc: 42.11 ng/ml



#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 16641571
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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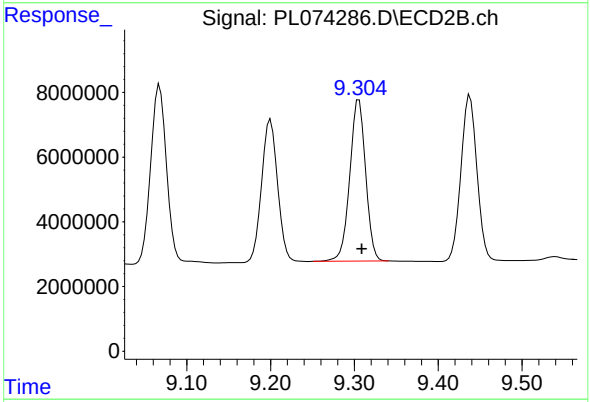
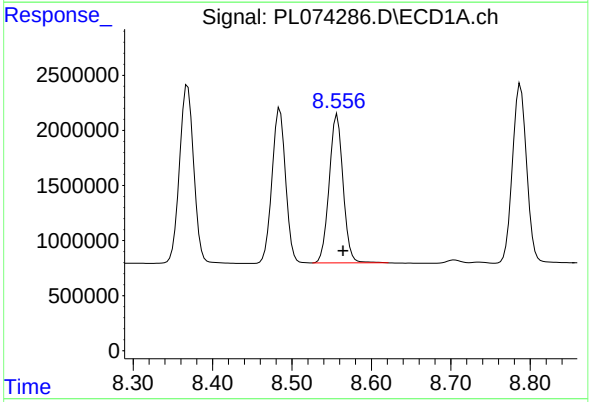


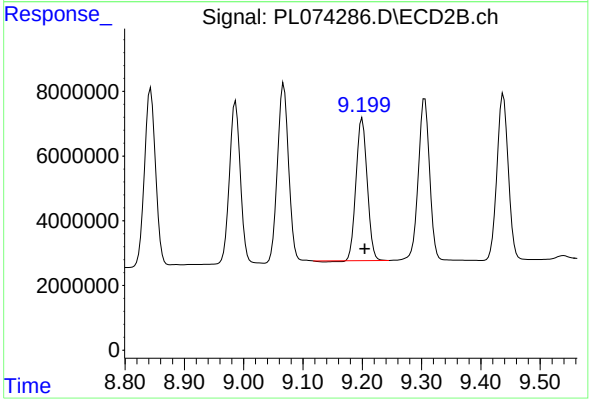
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.003 min
Response: 65771646
Conc: 37.10 ng/ml



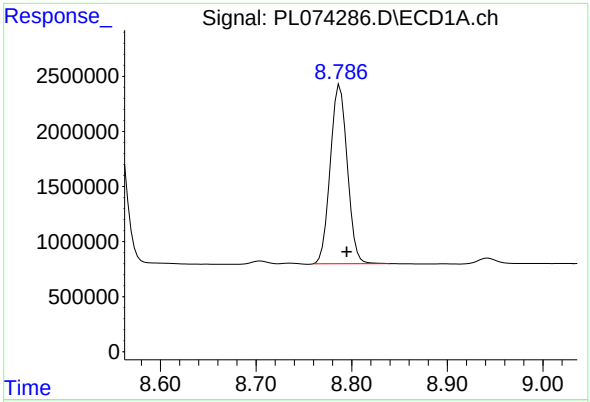
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 16342185
Conc: 50.51 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 57290628
Conc: 44.36 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 20058271
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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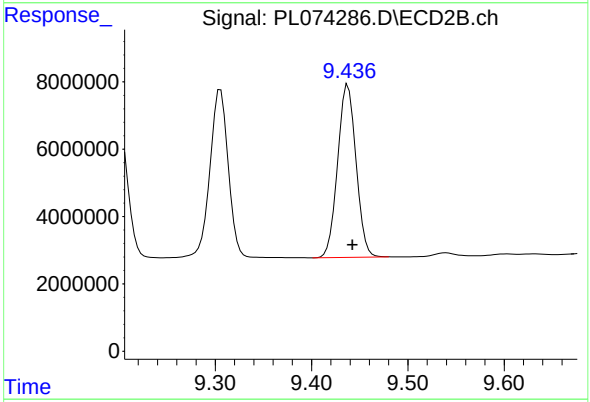
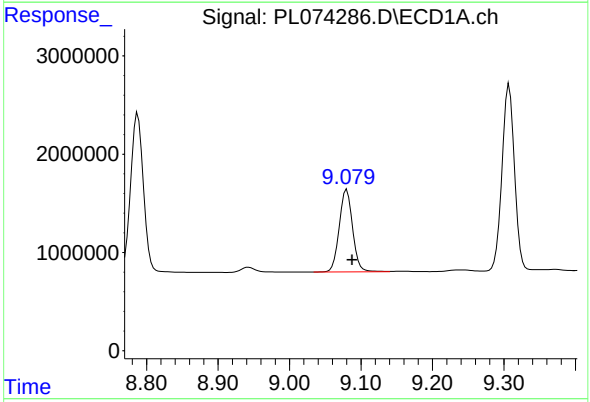


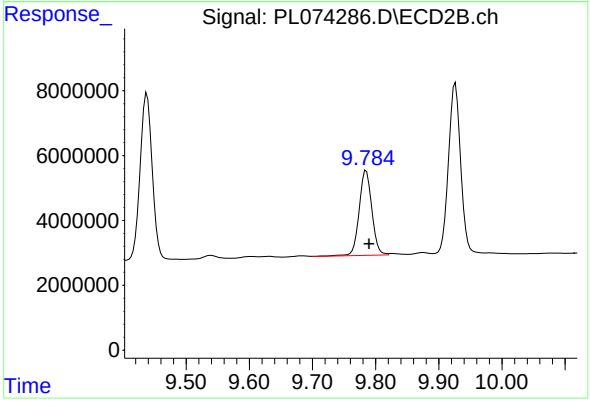
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 68039331
Conc: 40.88 ng/ml



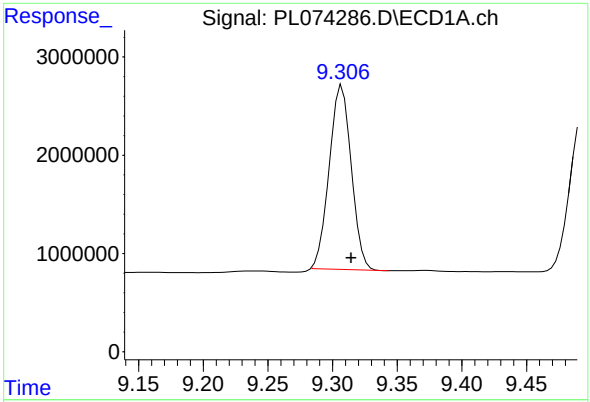
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 10919218
Conc: 43.98 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 36608737
Conc: 38.06 ng/ml



#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 22187135
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

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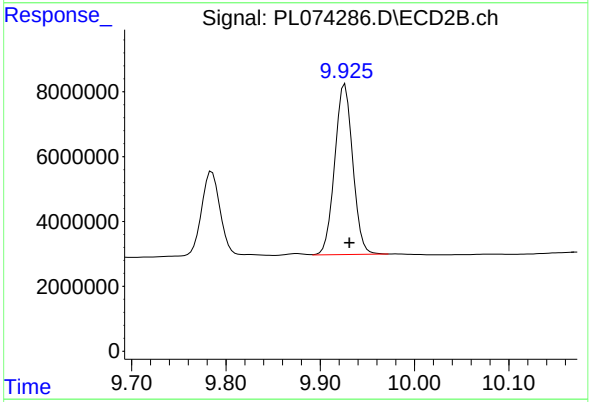
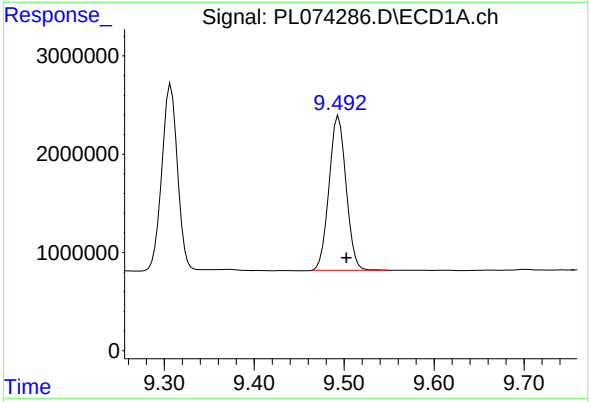
Supervised By :mohammad ahmed 04/22/2022



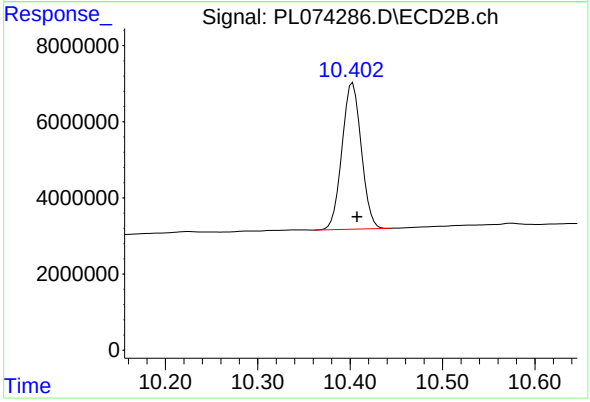
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 69774037
Conc: 40.31 ng/ml



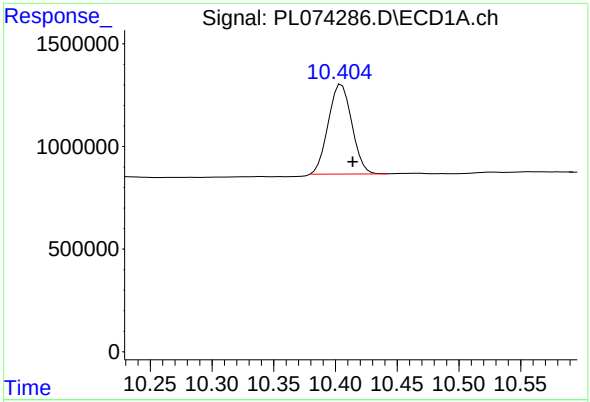
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 20718265
Conc: 44.42 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 55670744
Conc: 40.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 5817765
Conc: 11.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB4-041922-0-5MSD

Manual Integrations APPROVED

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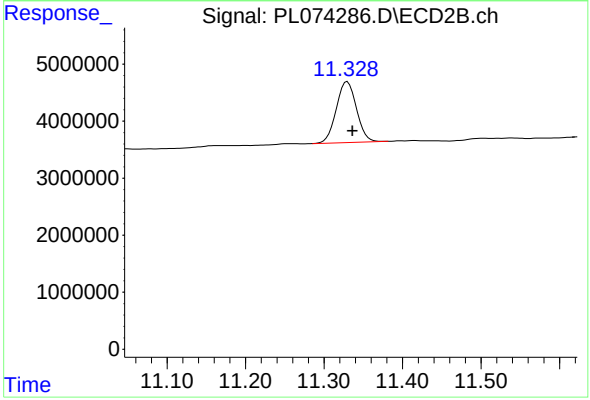

#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 19149615
Conc: 10.84 ng/ml