

Sample Information

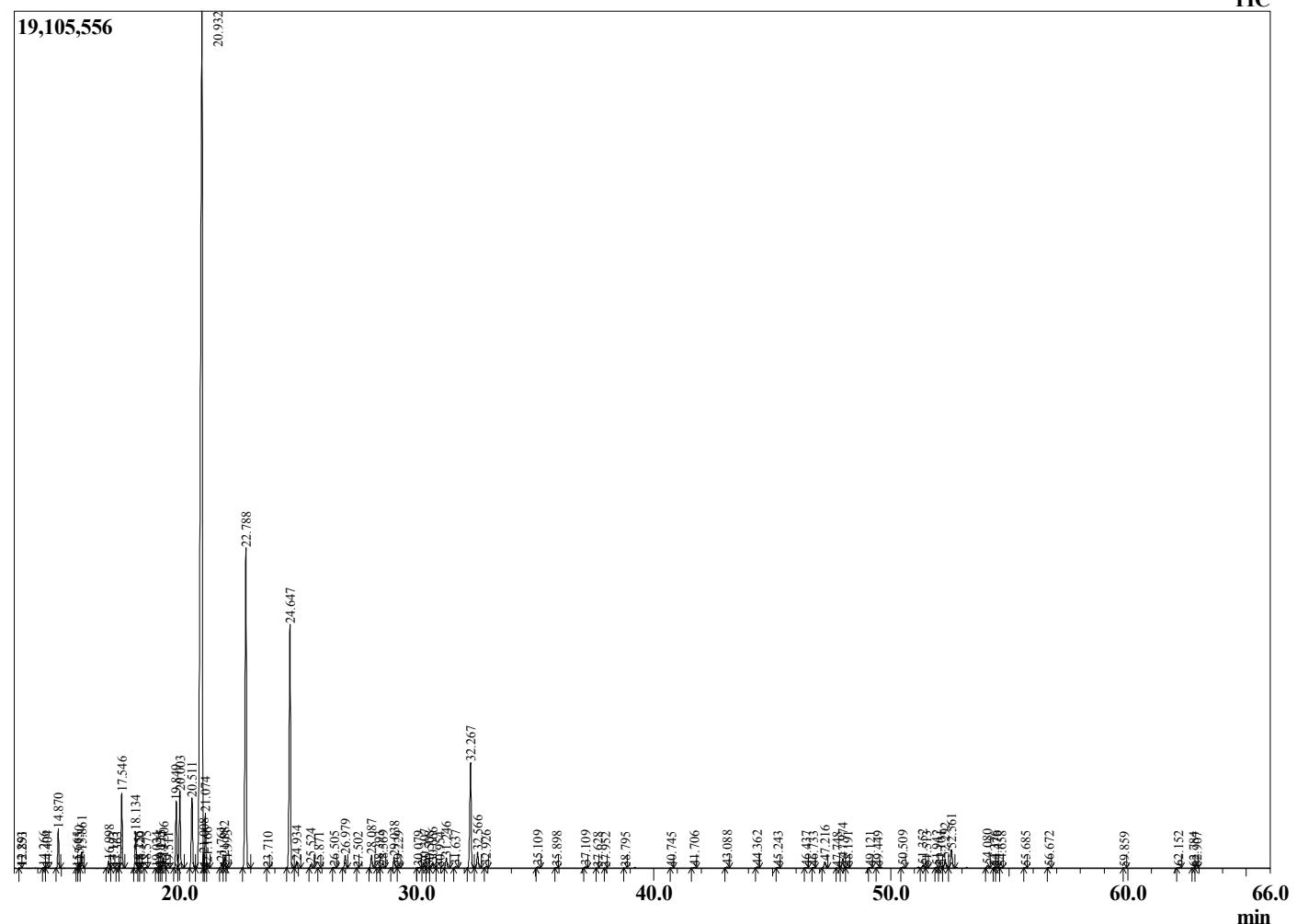
Analyzed by : Dr. Robert S. Pappas
Analyzed : 11/18/2020 10:37:08 AM
Sample Type : Essential Oil
Sample Name : Lime, Distilled - Barefut
Sample ID : 0109
Injection Volume : 0.10
Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
7.445	Limidiene isomer	0.02
7.562	Limidiene	0.12
8.020	Limidiene isomer	0.02
12.891	Nonane	0.02
13.253	Unidentified	0.02
14.266	Tricyclene	0.02
14.404	alpha-Thujene	0.03
14.870	alpha-Pinene	1.21
15.665	Unidentified	0.01
15.750	alpha-Fenchene	0.20
15.861	Camphephene	0.51
16.998	Bois de Rose oxide	0.26
17.193	Sabinene	0.02
17.363	Unidentified	0.01
17.546	beta-Pinene	2.49
18.134	Myrcene	1.23
18.255	Unidentified	0.02
18.320	Unidentified	0.01
18.575	Unidentified	0.03
19.024	Octanal	0.01
19.175	Pseudolimonene	0.03
19.215	Unidentified	0.06
19.306	alpha-Phellandrene	0.36
19.511	Unidentified	0.02
19.849	1,4-Cineole	2.40
20.003	alpha-Terpinene	2.68
20.511	para-Cymene	2.77
20.932	Limonene	49.61
21.008	beta-Phellandrene	0.26
21.074	1,8-cineole	1.70
21.166	(Z)-beta-Ocimene	0.16
21.761	2,2-dimethyl-, 5-(1-methyl-1-propenyl)-tetra-	0.18
21.882	(E)-beta-Ocimene	0.38
21.993	Cyclopentene, 3-isopropenyl-5,5-dimethyl-	0.04
22.788	gamma-Terpinene	12.70
23.710	Unidentified	0.01
24.647	Terpinolene	9.49
24.934	Dehydro-para-cymene	0.25
25.524	Linalool	0.16
25.871	Nonanal	0.01
26.505	Unidentified	0.03
26.979	alpha-Fenchol	0.49
27.502	allo-Ocimene	0.01
28.087	Terpin-3-en-1-ol	0.53
28.393	Unidentified	0.02
28.569	Unidentified	0.07
29.038	trans-beta-Terpineol	0.43
29.229	Unidentified	0.02
30.079	Isoborneol	0.04
30.307	Unidentified	0.10
30.508	delta-Terpineol	0.03
30.666	Borneol	0.19
30.954	Unidentified	0.03
31.246	Terpinen-4-ol	0.40
31.637	para-Cymen-8-ol	0.07
32.267	alpha-Terpineol	4.36
32.566	gamma-Terpineol	0.64
32.926	Decanal	0.08
35.109	Neral	0.06
35.898	Geraniol	0.02
37.109	Geranial	0.06
37.628	Unidentified	0.01

Chromatogram Lime, Dstilled - Barefut



R.Time	Name	Area%
37.952	Unidentified	0.01
38.795	Unidentified	0.01
40.745	Unidentified	0.01
41.706	delta-Elemene	0.04
43.088	Neryl acetate	0.04
44.362	Geranyl acetate	0.05
45.243	beta-Elemene	0.03
46.437	Dodecanal	0.02
46.733	(Z)-alpha-Bergamotene	0.03
47.216	trans-beta-Caryophyllene	0.28
47.748	gamma-Elemene	0.02
47.974	(E)-alpha-Bergamotene	0.40
48.191	Unidentified	0.02
49.121	(E)-beta-Farnesene	0.03
49.449	alpha-Humulene	0.04
50.509	Unidentified	0.06
51.352	Unidentified	0.12
51.513	beta-Selinene	0.02
51.942	alpha-Selinene	0.04
52.101	(Z)-alpha-Bisabolene	0.06
52.292	(E,E)-alpha-Farnesene	0.37
52.561	beta-Bisabolene	0.78
54.080	Unidentified	0.11
54.376	Selina-4(15),7(11)-diene	0.02
54.476	Unidentified	0.03
54.658	Selina-3,7(11)-diene	0.02
55.685	Germacrene B	0.02
56.672	Caryophyllene alcohol	0.03
59.859	gamma-Eudesmol	0.02
62.152	Unidentified	0.03
62.784	cis-alpha-Bisabolol	0.02
62.907	trans-alpha-Bisabolol	0.02
		100.00