

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 9/24/2019 9:02:53 PM
 Sample Type : Essential Oil
 Sample Name : Lime - Barefut
 Sample ID : 0108
 Injection Volume : 0.10
 Instrument ID : GC-4

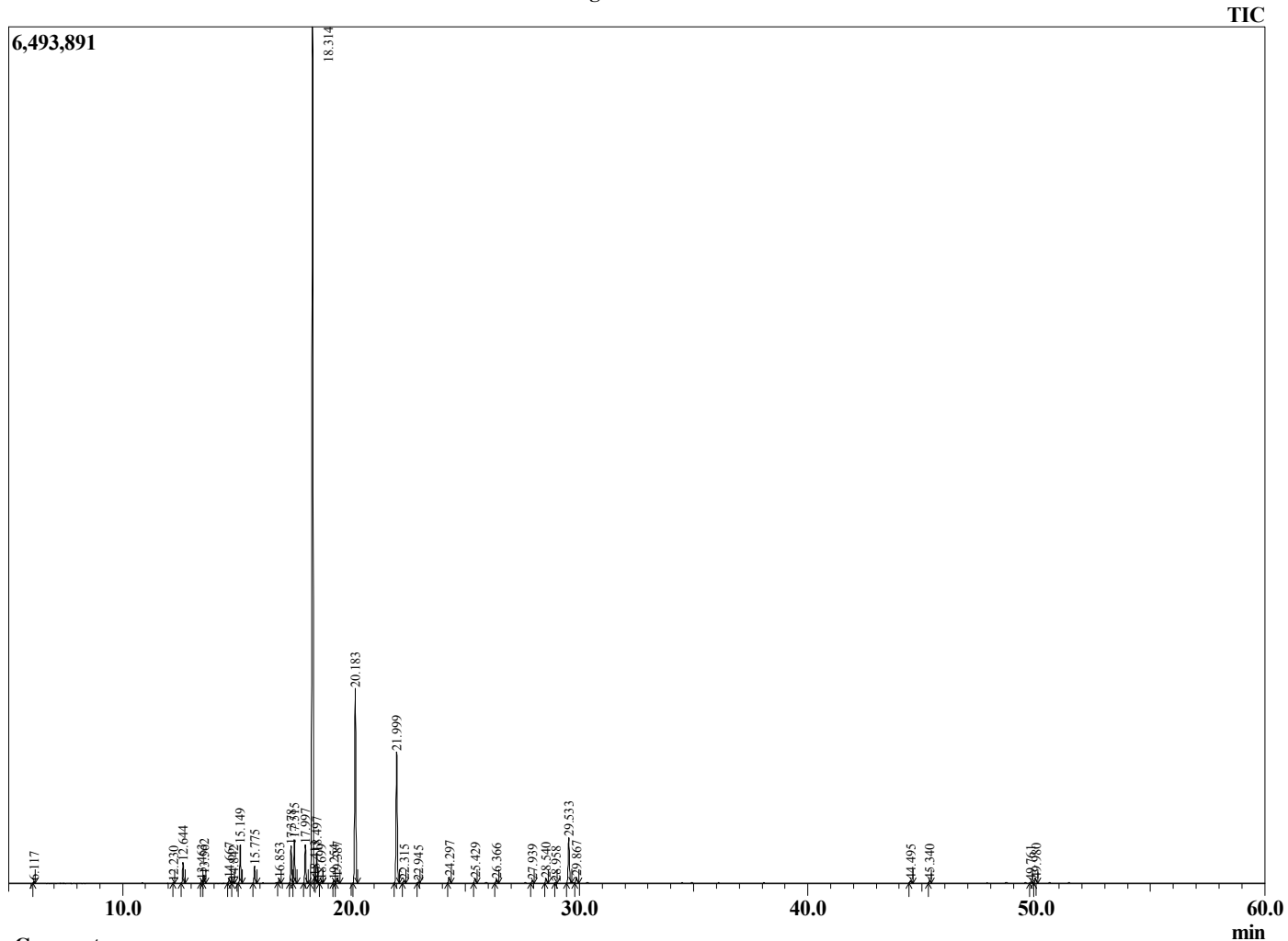


Peak Report TIC

R.Time	Name	Area%
6.117	Limediene	0.09
12.230	alpha-Thujene	0.03
12.644	alpha-Pinene	1.18
13.463	alpha-Fenchene	0.18
13.562	Camphene	0.51
14.667	Bois de Rose oxide	0.29
14.842	Sabinene	0.10
15.149	beta-Pinene	2.27
15.775	Myrcene	1.08
16.853	alpha-Phellandrene	0.28
17.378	1,4-Cineole	2.42
17.515	alpha-Terpinene	2.77
17.997	para-Cymene	2.52
18.314	Limonene	55.65
18.413	beta-Phellandrene	0.04
18.497	1,8-Cineole	1.61
18.699	Z-beta-Ocimene	0.15
19.254	Ocimene quintoxide	0.21
19.387	E-beta-Ocimene	0.39
20.183	gamma-Terpinene	12.88
21.999	Terpinolene	8.99
22.315	Dehydro-p-cymene	0.18
22.945	Linalool	0.07
24.297	endo-Fenchol	0.45
25.429	Terpin-3-en-1-ol	0.34
26.366	trans-beta-Terpineol	0.24
27.939	Borneol	0.18
28.540	Terpinen-4-ol	0.33
28.958	para-Cymen-8-ol	0.05
29.533	alpha-Terpineol	3.35
29.867	gamma-Terpineol	0.46
44.495	beta-Caryophyllene	0.18
45.340	trans-alpha-Bergamotene	0.18
49.761	E,E-alpha-Farnesene	0.06
49.980	beta-Bisabolene	0.29
		100.00

This report is valid for 1 year from the analyzed date.

Chromatogram Lime - Barefut



Comments:

The analysis of this Distilled Lime batch sample meets the expected chemical profile for authentic essential oil of *Citrus aurantifolia*. No contamination or adulteration was detected.