

Sample Information

Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 9/25/2019 5:45:07 AM  
 Sample Type : Essential Oil  
 Sample Name : Tangerine - Barefut  
 Sample ID : 0105  
 Injection Volume : 0.10  
 Instrument ID : GC-2

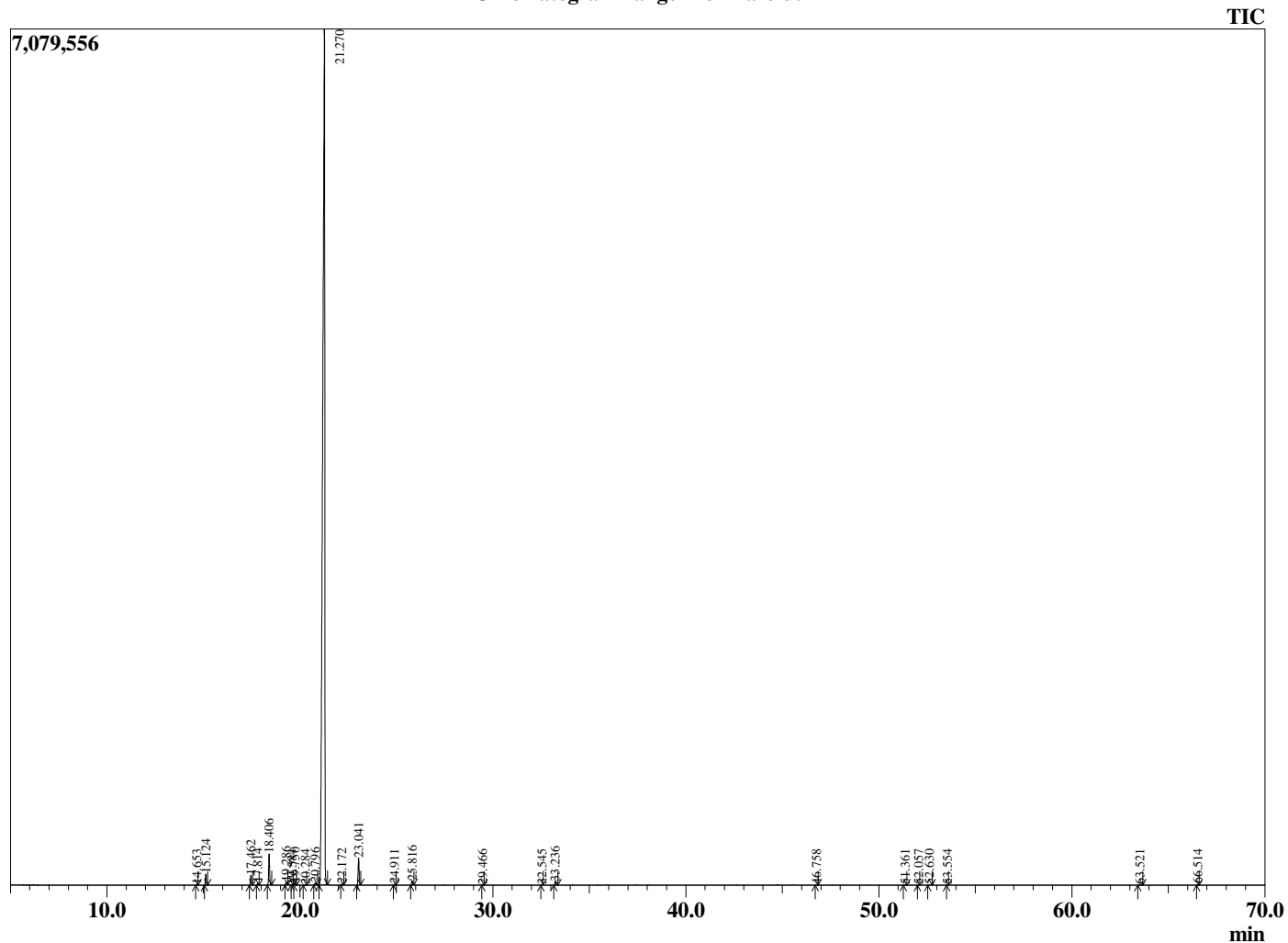


Peak Report TIC

R.Time	Name	Area%
14.653	alpha-Thujene	0.03
15.124	alpha-Pinene	0.55
17.462	Sabinene	0.49
17.814	beta-Pinene	0.09
18.406	Myrcene	1.63
19.286	Octanal	0.18
19.584	alpha-Phellandrene	0.03
19.750	delta-3-Carene	0.10
20.284	alpha-Terpinene	0.02
20.796	para-Cymene	0.14
21.270	Limonene	94.41
22.172	trans-beta-Ocimene	0.06
23.041	gamma-Terpinene	1.51
24.911	Terpinolene	0.05
25.816	Linalool	0.23
29.466	Citronellal	0.03
32.545	alpha-Terpineol	0.03
33.236	Decanal	0.21
46.758	Dodecanal	0.04
51.361	Germacrene D	0.03
52.057	Valencene	0.03
52.630	(E,E)-alpha-Farnesene	0.04
53.554	delta-Cadinene	0.02
63.521	beta-Sinensal	0.02
66.514	alpha-Sinensal	0.04
		100.00

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

Chromatogram Tangerine - Barefut



Comments:

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