

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 9/27/2019 12:48:33 PM
 Sample Type : Essential Oil
 Sample Name : Bergamot - Barefut
 Sample ID : 0106
 Injection Volume : 0.10
 Instrument ID : GC-3

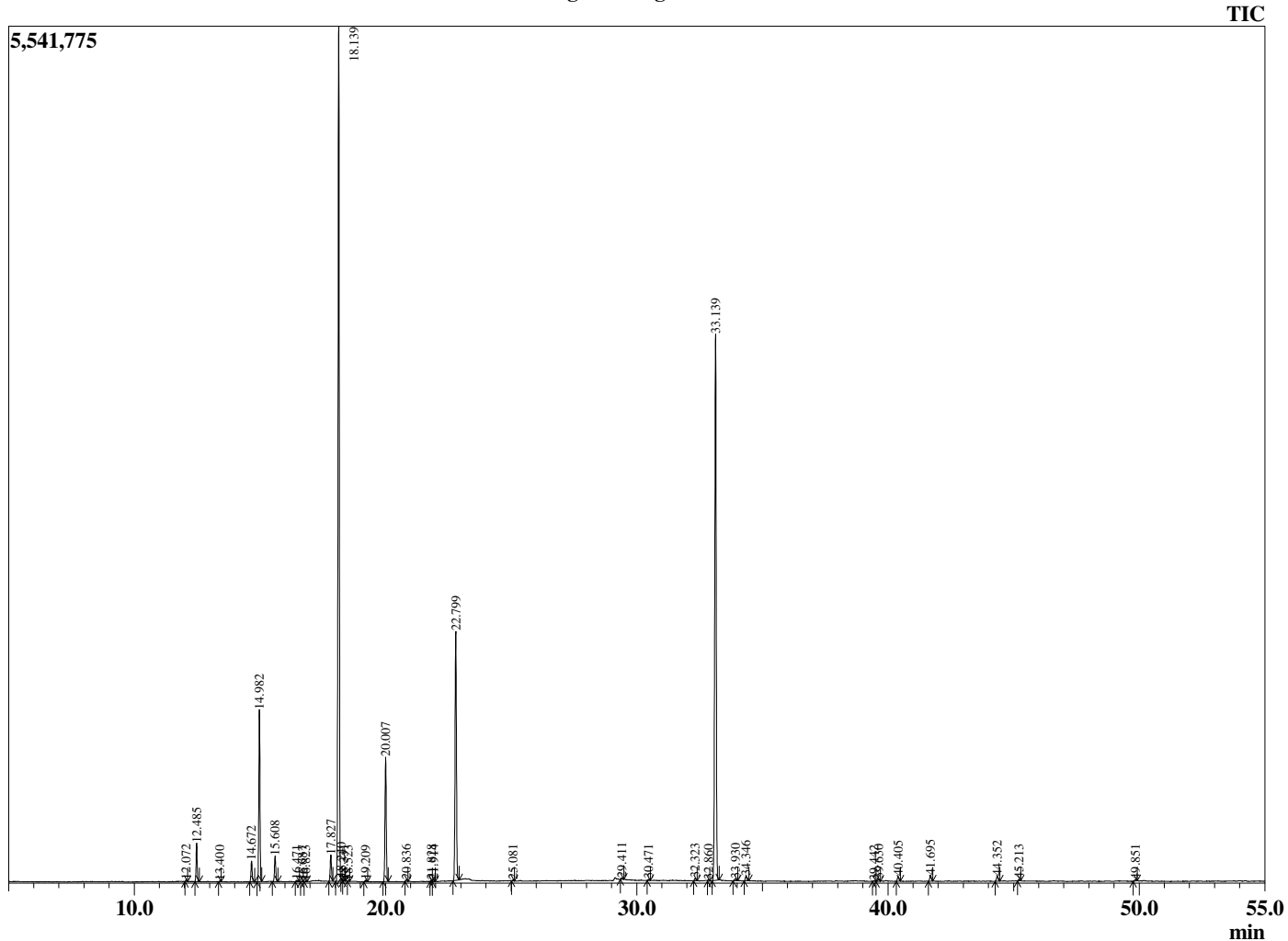


Peak Report TIC

R.Time	Name	Area%
12.072	alpha-Thujene	0.07
12.485	alpha-Pinene	1.47
13.400	Camphene	0.02
14.672	Sabinene	0.88
14.982	beta-Pinene	7.08
15.608	Myrcene	1.13
16.471	Octanal	0.08
16.687	alpha-Phellandrene	0.02
16.823	delta-3-Carene	0.04
17.827	para-Cymene	1.18
18.139	Limonene	39.22
18.240	beta-Phellandrene	0.01
18.331	1,8-cineole	0.02
18.523	cis-beta-Ocimene	0.02
19.209	trans-beta-Ocimene	0.08
20.007	gamma-Terpinene	5.73
20.836	cis-Linalool oxide (furanoid)	0.09
21.828	Terpinolene	0.08
21.914	trans-Linalool oxide (furanoid)	0.09
22.799	Linalool	11.99
25.081	Unidentified	0.04
29.411	alpha-Terpineol	0.07
30.471	Octyl acetate	0.05
32.323	Neral	0.13
32.860	Unidentified	0.06
33.139	Linalyl acetate	28.74
33.930	Unidentified	0.12
34.346	Geranial	0.25
39.442	Unidentified	0.05
39.630	alpha-Terpinyol acetate	0.12
40.405	Neryl acetate	0.27
41.695	Geranyl acetate	0.34
44.352	beta-Caryophyllene	0.29
45.213	trans-alpha-Bergamotene	0.07
49.851	beta-Bisabolene	0.10
		100.00

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

Chromatogram Bergamot - Barefut



Comments:

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