

Sample Information

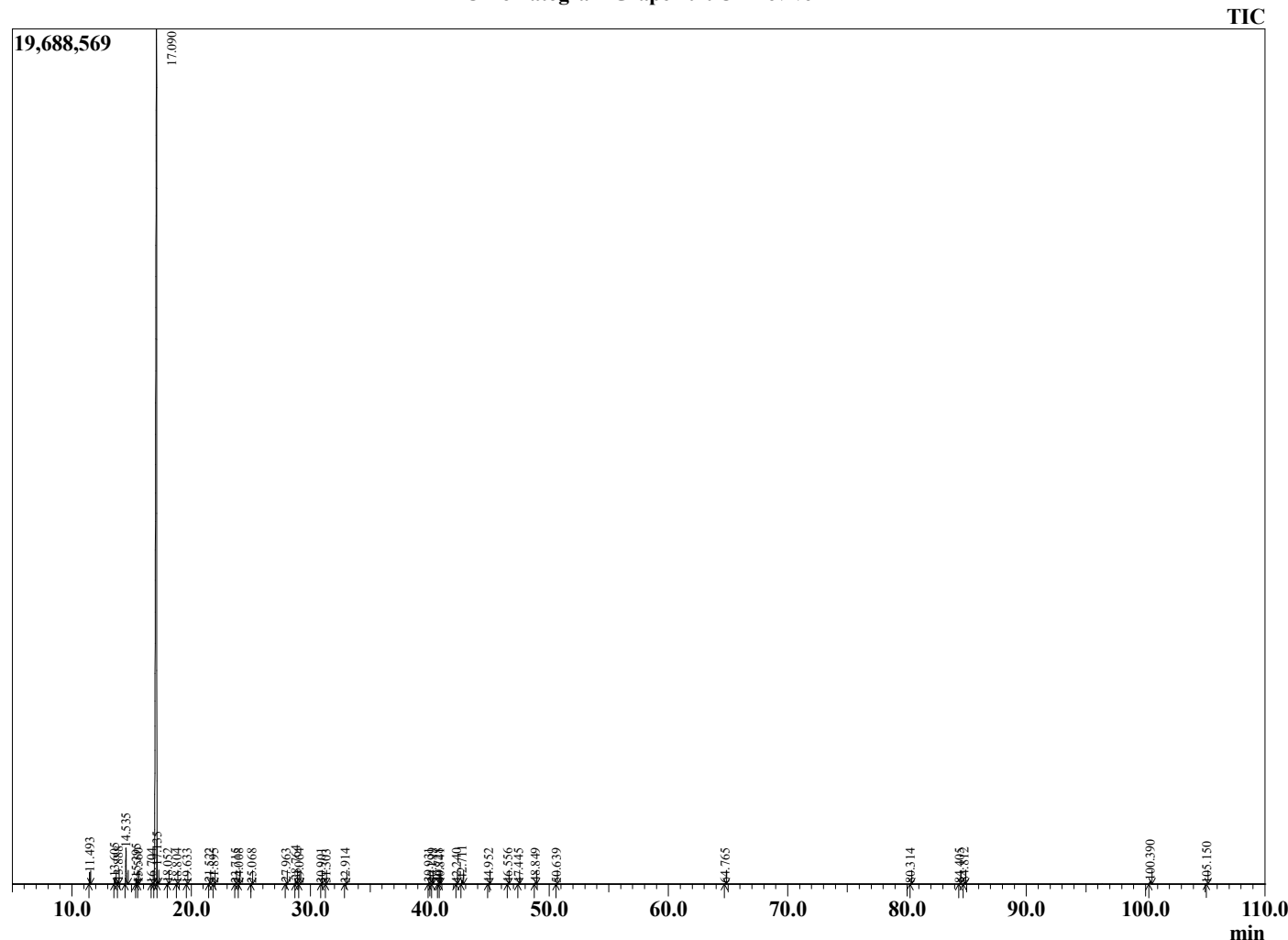
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/27/2023 6:38:47 PM
 Sample Type : Essential Oil
 Sample Name : Grapefruit Oil Revive
 Sample ID : 8D
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
11.493	alpha-Pinene	0.60
13.605	Sabinene	0.36
13.888	beta-Pinene	0.13
14.535	Myrcene	2.09
15.395	Octanal	0.35
15.560	alpha-Phellandrene	0.04
16.704	para-Cymene	0.04
17.090	Limonene	94.12
17.135	beta-Phellandrene	0.36
18.052	trans-beta-Ocimene	0.05
18.804	gamma-Terpinene	0.01
19.633	Octanol	0.03
21.522	Linalool	0.07
21.895	Nonanal	0.05
23.715	cis-Limonene oxide	0.02
24.008	trans-Limonene oxide	0.01
25.068	Citronellal	0.03
27.963	alpha-Terpineol	0.08
28.764	Decanal	0.24
29.064	Octyl acetate	0.02
30.901	Neral	0.01
31.303	Carvone	0.01
32.914	Geranial	0.05
39.931	alpha-Copaene	0.09
40.199	Geranyl acetate	0.01
40.728	beta-Cubebene	0.07
40.841	beta-Elemene	0.02
42.240	Dodecanal	0.01
42.711	beta-Caryophyllene	0.31
44.952	alpha-Humulene	0.04
46.556	Germacrene D	0.05
47.445	Bicyclogermacrene	0.01
48.849	delta-Cadinene	0.08
50.639	alpha-Elemol	0.02
64.765	Nootkatone	0.05
80.314	Ostole	0.02
84.405	Unidentified coumarin	0.05
84.812	Unidentified	0.12
100.390	Aurapten	0.25
105.150	Unidentified	0.02
		100.00

Chromatogram Grapefruit Oil Revive



Comments:

The analysis of this Grapefruit batch sample meets the expected chemical profile for authentic essential oil of *Citrus paradisi*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.