

Sample Information

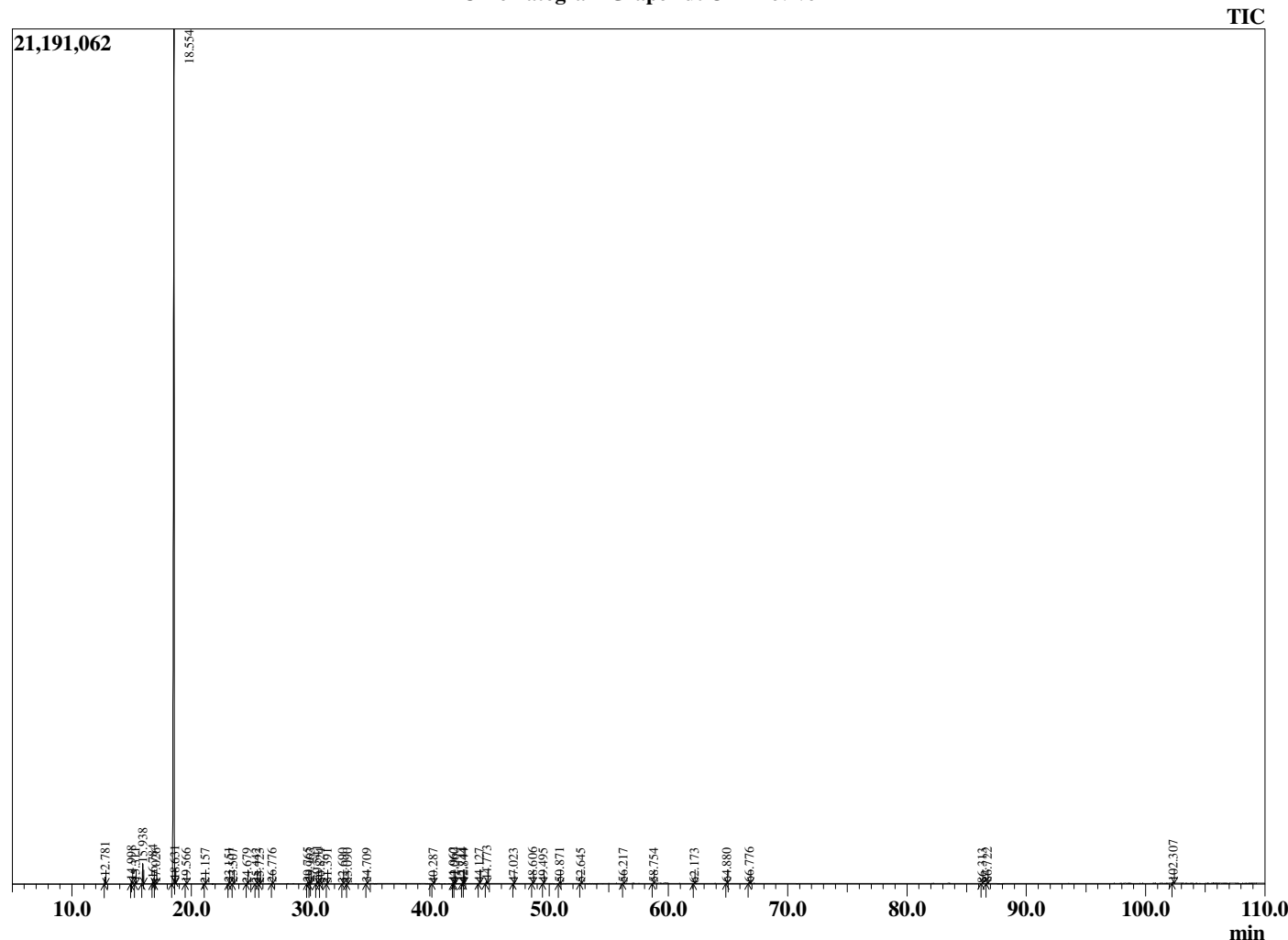
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/20/2022 4:49:54 PM
 Sample Type : Essential Oil
 Sample Name : Grapefruit Oil - Revive
 Sample ID : 1338
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
12.781	alpha-Pinene	0.53
14.998	Sabinene	0.29
15.311	beta-Pinene	0.13
15.938	Myrcene	1.63
16.784	Octanal	0.38
17.026	alpha-Phellandrene	0.04
18.554	Limonene	94.41
18.631	beta-Phellandrene	0.03
19.566	(E)-beta-Ocimene	0.06
21.157	Octanol	0.03
23.151	Linalool	0.09
23.507	Nonanal	0.06
24.679	trans-para-Mentha-2,8-dien-1-ol	0.03
25.442	cis-Limonene oxide	0.04
25.723	trans-Limonene oxide	0.04
26.776	Citronellal	0.04
29.765	alpha-Terpineol	0.14
29.963	Methyl chavicol	0.07
30.541	Decanal	0.32
30.824	Octyl acetate	0.04
31.391	trans-Carveol	0.02
32.690	Neral	0.02
33.090	Carvone	0.03
34.709	Geranial	0.05
40.287	Eugenol	0.03
41.962	alpha-Copaene	0.11
42.060	Geranyl acetate	0.05
42.744	beta-Cubebene	0.08
42.844	beta-Elemene	0.03
44.127	Unidentified	0.03
44.773	trans-beta-Caryophyllene	0.30
47.023	alpha-Humulene	0.03
48.606	Germacrene D	0.06
49.495	Bicyclogermacrene	0.03
50.871	delta-Cadinene	0.13
52.645	alpha-Elemol	0.06
56.217	Unidentified	0.04
58.754	Unidentified	0.04
62.173	Unidentified	0.03
64.880	Benzyl benzoate	0.04
66.776	Nootkatone	0.13
86.313	Unidentified	0.02
86.722	Unidentified furanocoumarin	0.08
102.307	Auraptene	0.15
		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.