

Sample Information

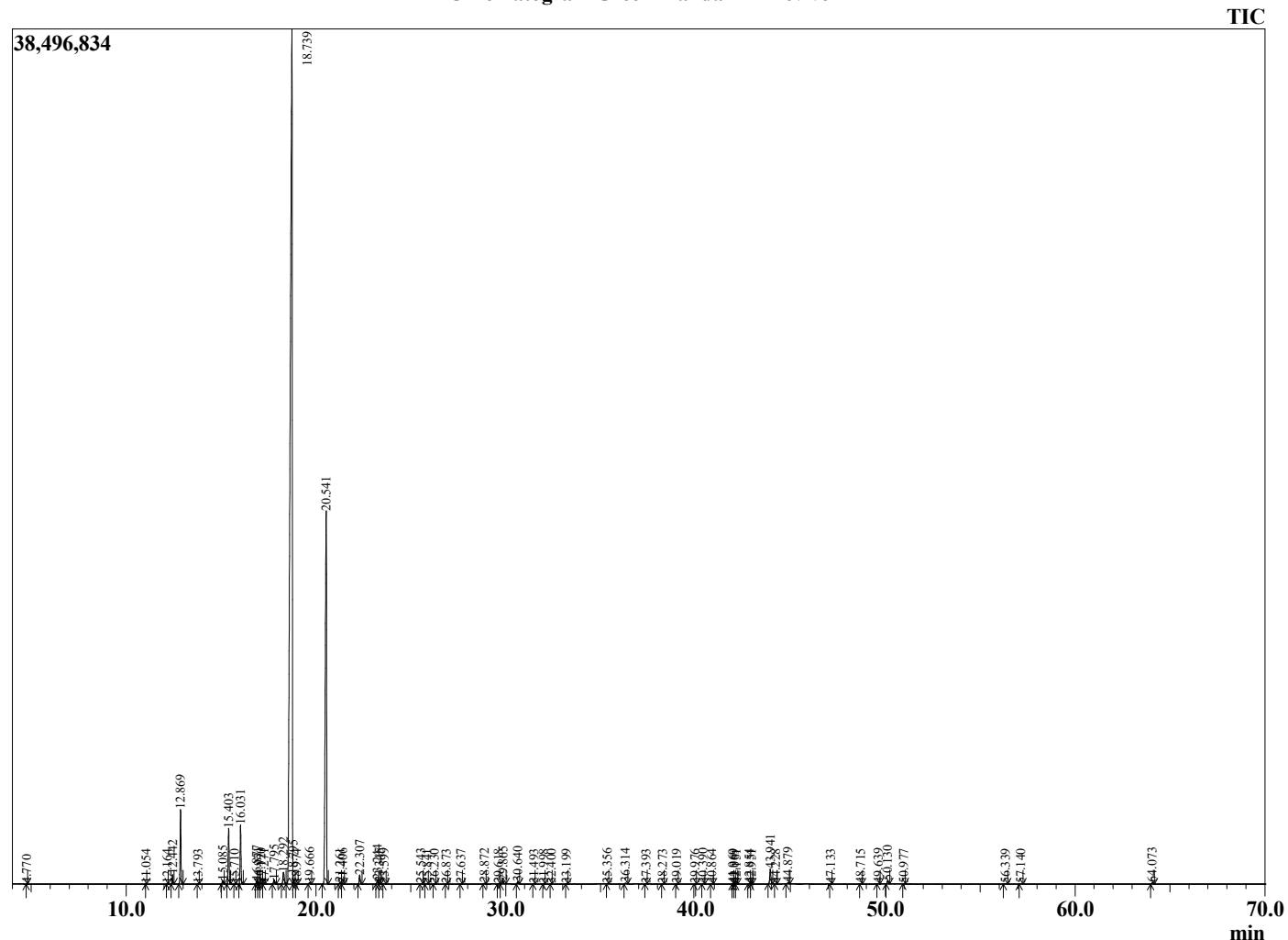
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 2/8/2022 1:57:18 AM
 Sample Type : Essential Oil
 Sample Name : Green Mandarin - Revive
 Sample ID : 1092
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
4.770	Heptane	0.00
11.054	Nonane	0.00
12.164	Hashishene	0.00
12.442	alpha-Thujene	0.30
12.869	alpha-Pinene	2.46
13.793	Camphene	0.01
15.085	Sabinene	0.12
15.403	beta-Pinene	1.95
15.710	Unidentified	0.00
16.031	Myrcene	2.15
16.877	Octanal	0.14
16.971	Pseudolimonene	0.06
17.120	alpha-Phellandrene	0.04
17.271	delta-3-Carene	0.02
17.795	alpha-Terpinene	0.16
18.292	para-Cymene	0.59
18.739	Limonene	70.69
18.795	beta-Phellandrene	0.14
18.974	cis-beta-Ocimene	0.01
19.666	trans-beta-Ocimene	0.06
20.541	gamma-Terpinene	18.94
21.261	Octanol	0.06
21.406	Pinol	0.02
22.307	Terpinolene	0.36
23.244	Linalool	0.18
23.345	cis-Sabinene hydrate	0.03
23.599	Nonanal	0.02
25.543	cis-Limonene oxide	0.02
25.841	trans-Limonene oxide	0.02
26.230	Epoxysterpinolene	0.01
26.873	Citronellal	0.01
27.637	Unidentified	0.01
28.872	Terpinen-4-ol	0.03
29.618	Methyl salicylate	0.01
29.865	alpha-Terpineol	0.12
30.640	Decanal	0.09
31.493	trans-Carveol	0.01
31.998	Citronellol	0.01
32.400	cis-Carveol	0.00
33.199	Carvone	0.01
35.356	Perillaldehyde	0.01
36.314	Thymol	0.04
37.393	Unidentified	0.01
38.273	Unidentified	0.01
39.019	Unidentified	0.01
39.976	Unidentified	0.01
40.390	Eugenol	0.01
40.864	Unidentified	0.01
41.969	Unidentified	0.01
42.069	alpha-Copaene	0.01
42.151	Unidentified	0.00
42.854	beta-Cubebene	0.01
42.951	Unidentified	0.01
43.941	Dimethylantranilate	0.66
44.228	Dodecanal	0.01
44.879	trans-beta-Caryophyllene	0.06
47.133	alpha-Humulene	0.01
48.715	Germacrene D	0.01
49.639	alpha-Selinene	0.02
50.130	trans,trans-alpha-Farnesene	0.15
50.977	delta-Cadinene	0.01
56.339	Cedrol	0.01

Chromatogram Green Mandarin - Revive



Comments:

The analysis of this Green Mandarin batch sample meets the expected chemical profile for authentic essential oil of *Citrus reticulata* Blanco. 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.

R.Time	Name	Area%
57.140	Unidentified	0.02
64.073	alpha-Sinensal	0.06
		100.00