

Sample Information

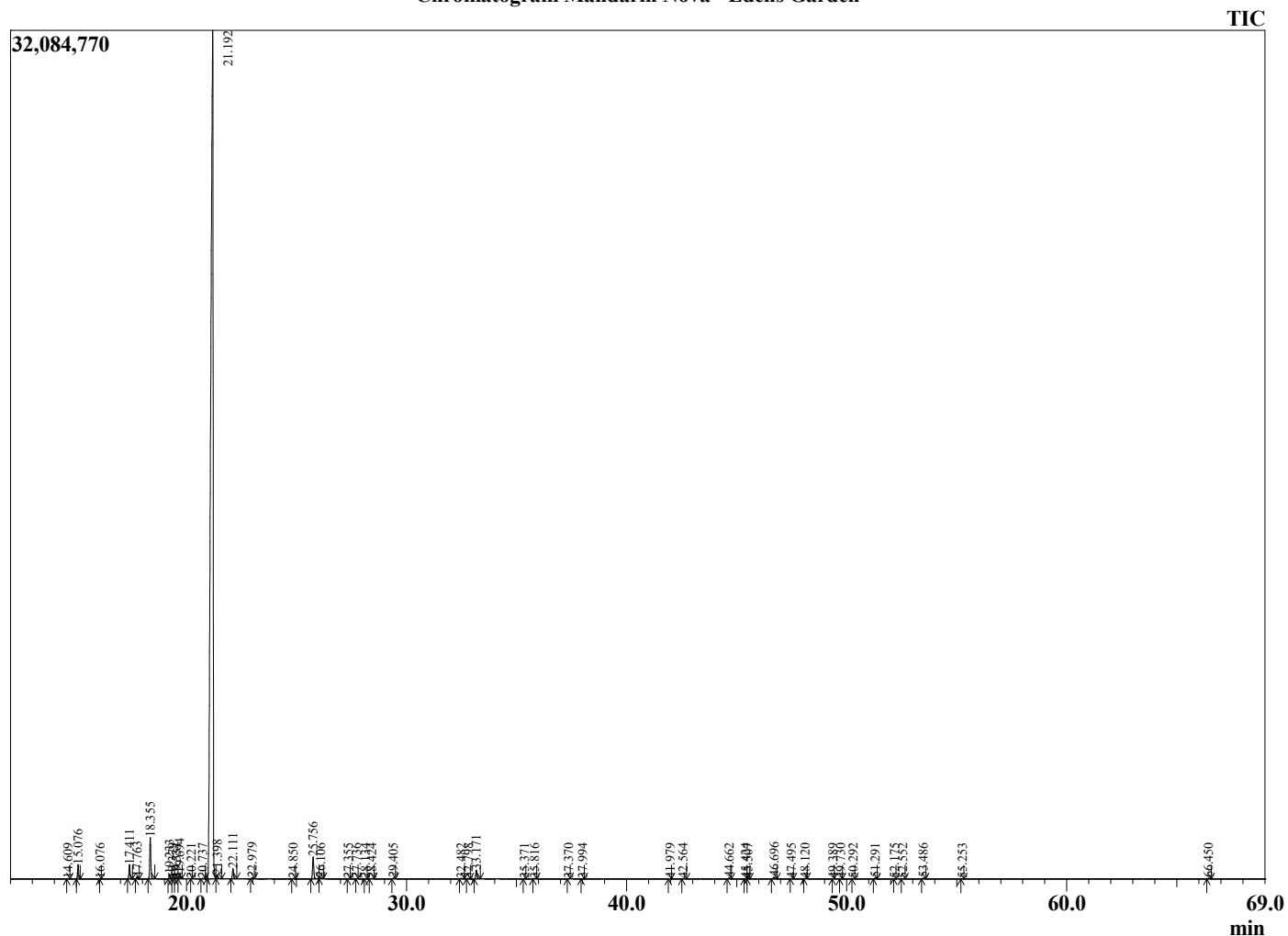
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 7/29/2022 8:50:27 PM  
 Sample Type : Essential Oil  
 Sample Name : Mandarin Nova - Edens Garden  
 Sample ID : EG Lot #BB27HL  
 Injection Volume : 0.10  
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
14.609	alpha-Thujene	0.01
15.076	alpha-Pinene	0.66
16.076	Camphene	0.00
17.411	Sabinene	0.70
17.763	beta-Pinene	0.12
18.355	Myrcene	2.09
19.233	Octanal	0.24
19.379	Pseudolimonene	0.02
19.534	alpha-Phellandrene	0.04
19.694	delta-3-Carene	0.26
20.221	alpha-Terpinene	0.00
20.737	para-Cymene	0.03
21.192	Limonene	92.51
21.398	cis-beta-Ocimene	0.23
22.111	trans-beta-Ocimene	0.54
22.979	gamma-Terpinene	0.05
24.850	Terpinolene	0.03
25.756	Linalool	1.22
26.106	Nonanal	0.05
27.355	trans-para-Mentha-2,8-dienol	0.01
27.736	allo-Ocimene	0.01
28.134	cis-Limonene oxide	0.01
28.424	trans-Limonene oxide	0.02
29.405	Citronellal	0.04
32.482	alpha-Terpineol	0.04
32.798	Unidentified	0.03
33.171	Decanal	0.51
35.371	Neral	0.01
35.816	Carvone	0.02
37.370	Geranial	0.01
37.994	Perillaldehyde	0.01
41.979	delta-Elemene	0.01
42.564	Limonene glycol	0.01
44.662	alpha-Copaene	0.05
45.424	beta-Cubebene	0.03
45.507	beta-Elemene	0.02
46.696	Dodecanal	0.12
47.495	beta-Caryophyllene	0.01
48.120	beta-Copaene	0.02
49.389	trans-beta-Farnesene	0.00
49.730	alpha-Humulene	0.01
50.292	(2E)-Dodecenal	0.01
51.291	Germacrene D	0.05
52.175	Bicyclogermacrene	0.00
52.552	(E,E)-alpha-Farnesene	0.01
53.486	delta-Cadinene	0.05
55.253	Elemol	0.01
66.450	alpha-Sinensal	0.05
		100.00

Chromatogram Mandarin Nova - Edens Garden



Comments:

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

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.