

Sample Information

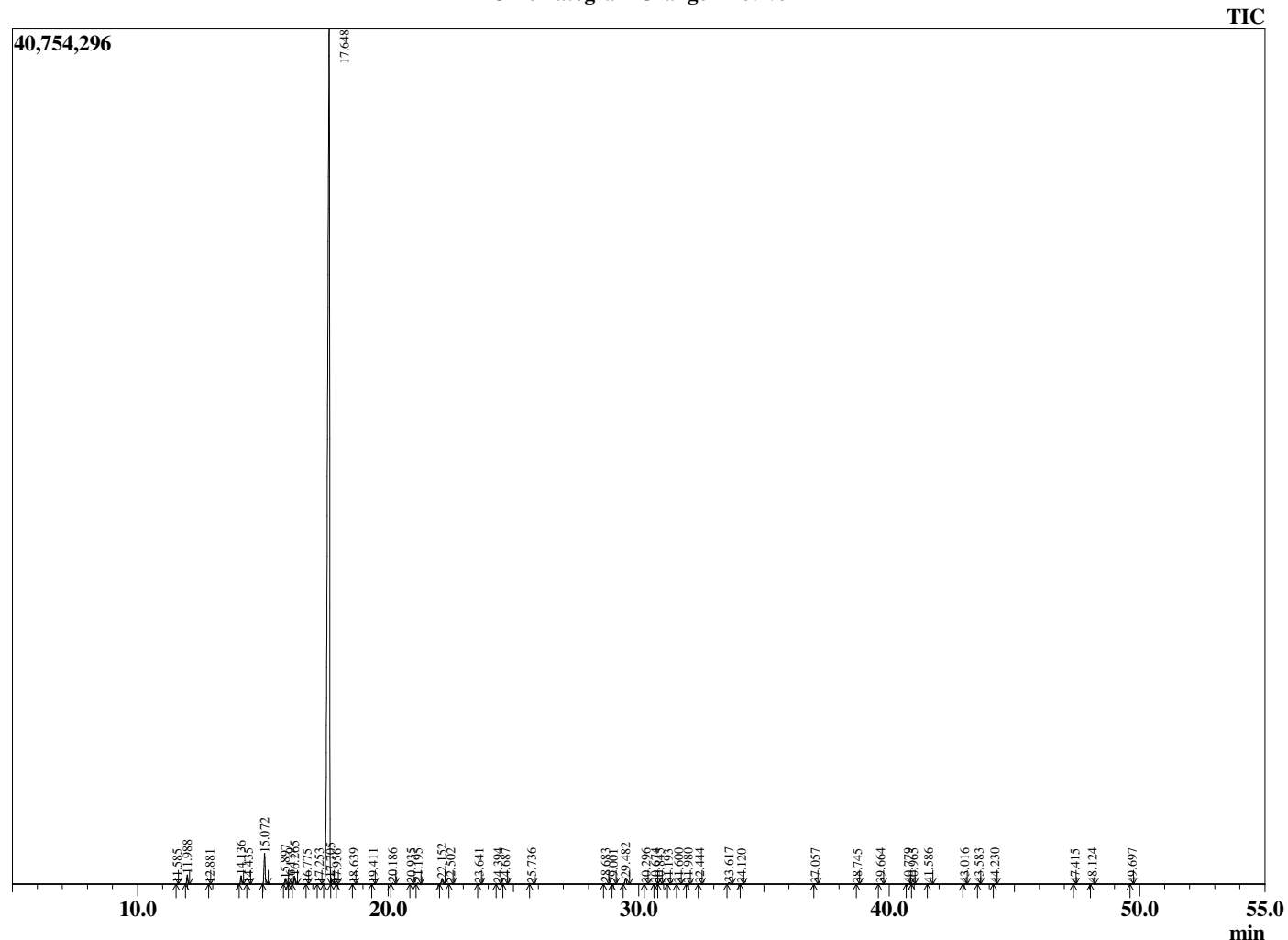
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/20/2019 12:53:45 AM
 Sample Type : Essential Oil
 Sample Name : Orange - Revive
 Sample ID : E0C0509C
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
11.585	alpha-Thujene	0.01
11.988	alpha-Pinene	0.54
12.881	Camphene	0.00
14.136	Sabinene	0.51
14.435	beta-Pinene	0.04
15.072	Myrcene	1.99
15.897	Octanal	0.31
16.119	alpha-Phellandrene	0.07
16.265	delta-3-Carene	0.55
16.775	alpha-Terpinene	0.01
17.253	para-Cymene	0.03
17.648	Limonene	93.85
17.705	beta-Phellandrene	0.20
17.956	cis-beta-Ocimene	0.00
18.639	trans-beta-Ocimene	0.02
19.411	gamma-Terpinene	0.01
20.186	Octanol	0.06
20.935	Isoterpinolene	0.02
21.195	Terpinolene	0.07
22.152	Linalool	0.39
22.502	Nonanal	0.05
23.641	trans-para-Mentha-2,8-dienol	0.01
24.394	cis-Limonene oxide	0.04
24.687	trans-Limonene oxide	0.05
25.736	Citronellal	0.05
28.683	alpha-Terpineol	0.07
29.001	Unidentified	0.01
29.482	Decanal	0.46
30.296	trans-Carveol	0.02
30.674	Nerol	0.02
30.845	Citronellol	0.02
31.193	cis-Carveol	0.01
31.600	Neral	0.06
31.980	Carvone	0.03
32.444	Geraniol	0.02
33.617	Geranial	0.13
34.120	Perillaldehyde	0.01
37.057	Unidentified	0.01
38.745	Unidentified	0.01
39.664	Neryl acetate	0.03
40.779	alpha-Copaene	0.03
40.965	Geranyl acetate	0.01
41.586	beta-Cubebene	0.02
43.016	Dodecanal	0.03
43.583	beta-Caryophyllene	0.02
44.230	beta-Copaene	0.01
47.415	Germacrene D	0.01
48.124	Valencene	0.06
49.697	delta-Cadinene	0.01
		100.00

Chromatogram Orange - Revive



Comments:

The analysis of this Orange batch sample meets the expected chemical profile for authentic essential oil of

Citrus sinensis. 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.