

Sample Information

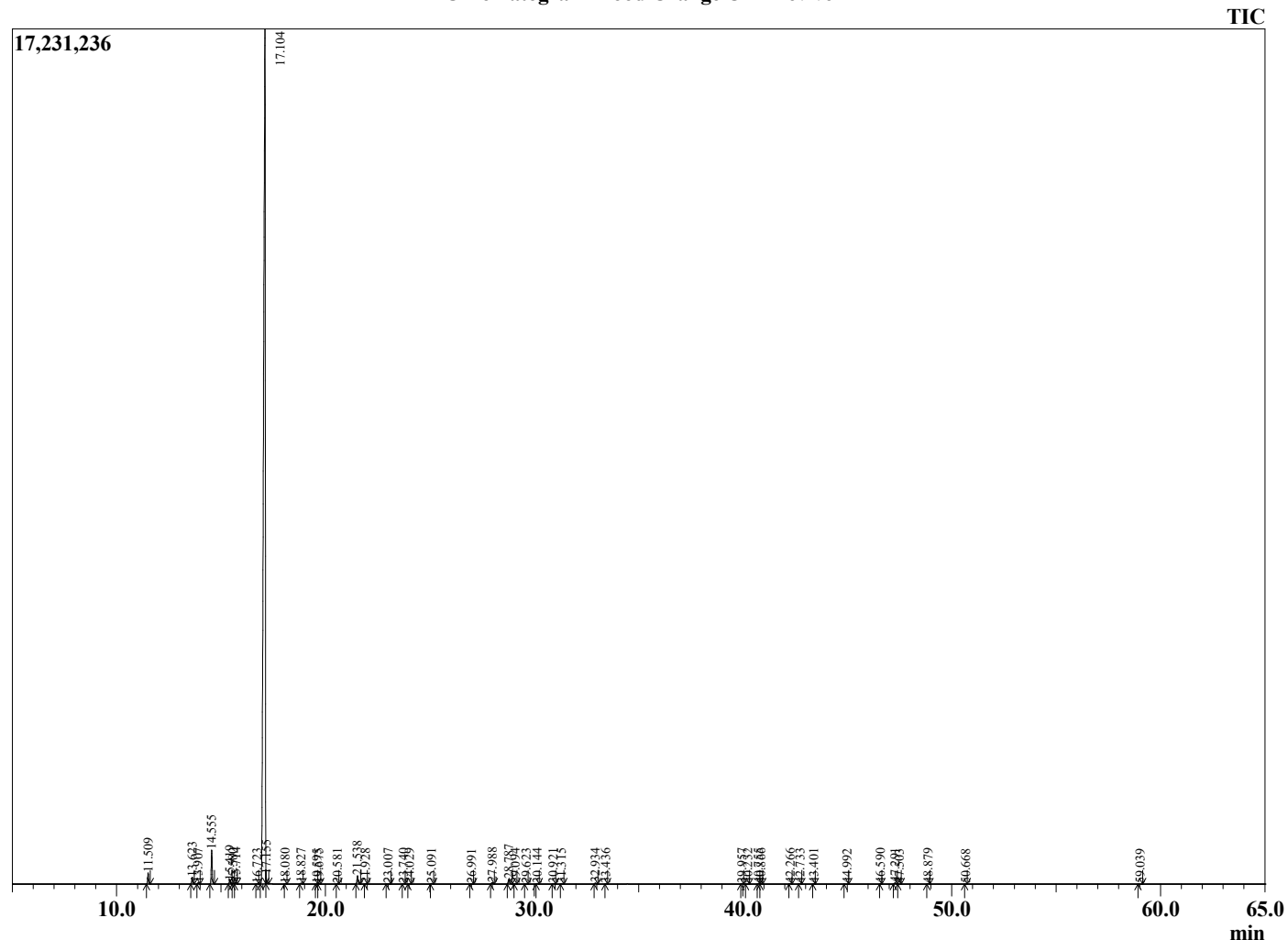
Analyzed by : Dr. Robert S. Pappas
Analyzed : 6/7/2023 6:53:48 PM
Sample Type : Essential Oil
Sample Name : Blood Orange Oil - Revive
Sample ID : 5G
Injection Volume : 0.10
Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
11.509	alpha-Pinene	0.61
13.623	Sabinene	0.40
13.907	beta-Pinene	0.07
14.555	Myrcene	2.07
15.419	Octanal	0.24
15.580	alpha-Phellandrene	0.05
15.714	delta-Carene	0.10
16.723	para-Cymene	0.03
17.104	Limonene	94.28
17.155	beta-Phellandrene	0.26
18.080	trans-beta-Ocimene	0.02
18.827	gamma-Terpinene	0.05
19.595	Unidentified	0.01
19.675	Octanol	0.02
20.581	Terpinolene	0.02
21.538	Linalool	0.57
21.928	Nonanal	0.02
23.007	trans-para-Mentha-2,8-dienol	0.02
23.740	cis-Limonene oxide	0.02
24.029	trans-Limonene oxide	0.03
25.091	Citronellal	0.05
26.991	Terpinen-4-ol	0.01
27.988	alpha-Terpineol	0.12
28.787	Decanal	0.37
29.094	Octyl acetate	0.02
29.623	trans-Carveol	0.02
30.144	Citronellol	0.04
30.921	Neral	0.03
31.315	Carvone	0.02
32.934	Geranial	0.07
33.436	Perillaldehyde	0.01
39.957	alpha-Copaene	0.03
40.232	Geranyl acetate	0.02
40.755	beta-Cubebene	0.03
40.866	beta-Elemene	0.02
42.266	Dodecanal	0.04
42.733	beta-Caryophyllene	0.03
43.401	beta-Copaene	0.01
44.992	Unidentified	0.01
46.590	Germacrene D	0.01
47.291	Valencene	0.09
47.503	Unidentified	0.01
48.879	delta-Cadinene	0.04
50.668	alpha-Elemol	0.01
59.039	beta-Sinensal	0.01
		100.00

Chromatogram Blood Orange Oil - Revive



Comments:

The analysis of this Blood 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.