

Sample Information

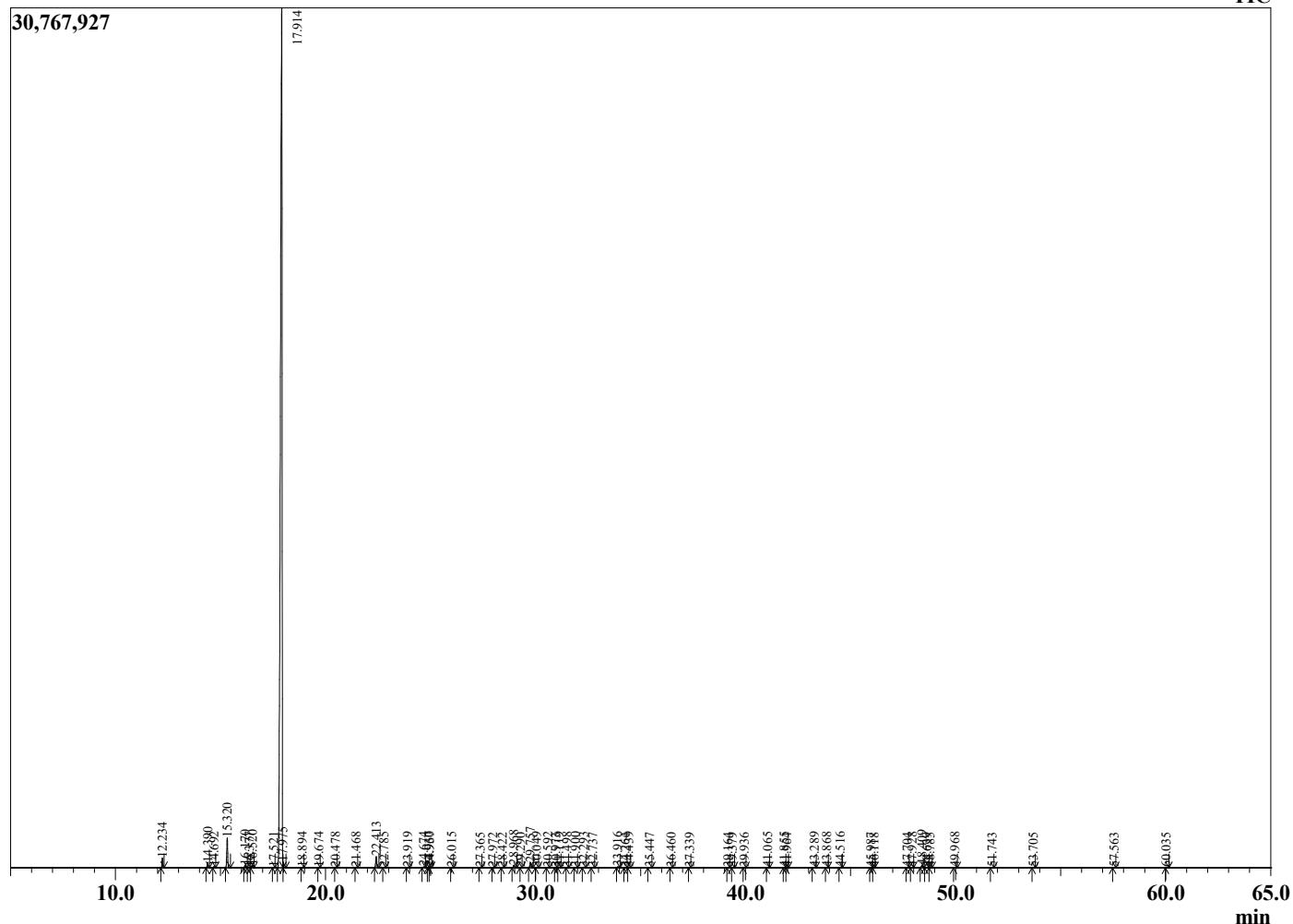
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 1/9/2023 7:29:19 PM
 Sample Type : Essential Oil
 Sample Name : Blood Orange Oil - Revive
 Sample ID : 4R
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.234	alpha-Pinene	0.56
14.390	Sabinene	0.32
14.692	beta-Pinene	0.07
15.320	Myrcene	1.85
16.170	Octanal	0.17
16.377	alpha-Phellandrene	0.03
16.520	delta-3-Carene	0.15
17.521	para-Cymene	0.02
17.914	Limonene	93.92
17.975	beta-Phellandrene	0.20
18.894	trans-beta-Ocimene	0.02
19.674	gamma-Terpinene	0.01
20.478	Octanol	0.01
21.468	Terpinolene	0.03
22.413	Linalool	0.80
22.785	Nonanal	0.03
23.919	trans-paraMentha-2,8-dienol	0.03
24.674	cis-Limonene oxide	0.07
24.930	cis-para-Mentha-2,8-dien-1-ol	0.03
24.967	trans-Limonene oxide	0.06
26.015	Citronellal	0.03
27.365	Nonanol	0.01
27.972	Terpinen-4-ol	0.01
28.422	Unidentified	0.01
28.968	alpha-Terpineol	0.23
29.290	Unidentified	0.01
29.757	Decanal	0.39
30.049	Octyl acetate	0.02
30.592	trans-Carveol	0.03
30.973	Unidentified	0.01
31.119	Citronellol	0.03
31.498	cis-Carveol	0.01
31.900	Neral	0.04
32.293	Carvone	0.05
32.737	Unidentified	0.01
33.916	Geranial	0.08
34.264	1-Decanol	0.01
34.439	Perillaldehyde	0.02
35.447	Thymol	0.02
36.460	Unidentified	0.01
37.339	Unidentified	0.01
39.164	alpha-Terpinal acetate	0.01
39.379	Citronellyl acetate	0.00
39.936	Unidentified	0.01
41.065	alpha-Copaene	0.04
41.855	beta-Cubebene	0.02
41.964	beta-Elemene	0.02
43.289	Dodecanal	0.03
43.868	trans-beta-Caryophyllene	0.03
44.516	beta-Copaene	0.03
45.987	Sesquisabinene	0.01
46.118	alpha-Humulene	0.01
47.704	Germacrene D	0.01
47.928	Aristolochene	0.03
48.409	Valencene	0.23
48.639	alpha-Selinene	0.01
48.785	alpha-Muurolene	0.01
49.968	delta-Cadinene	0.04
51.743	alpha-Elemol	0.01
53.705	Unidentified	0.01
57.563	Unidentified	0.00
60.035	beta-Sinensal	0.01

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.

R.Time Name

Area%
100.00