

Sample Information

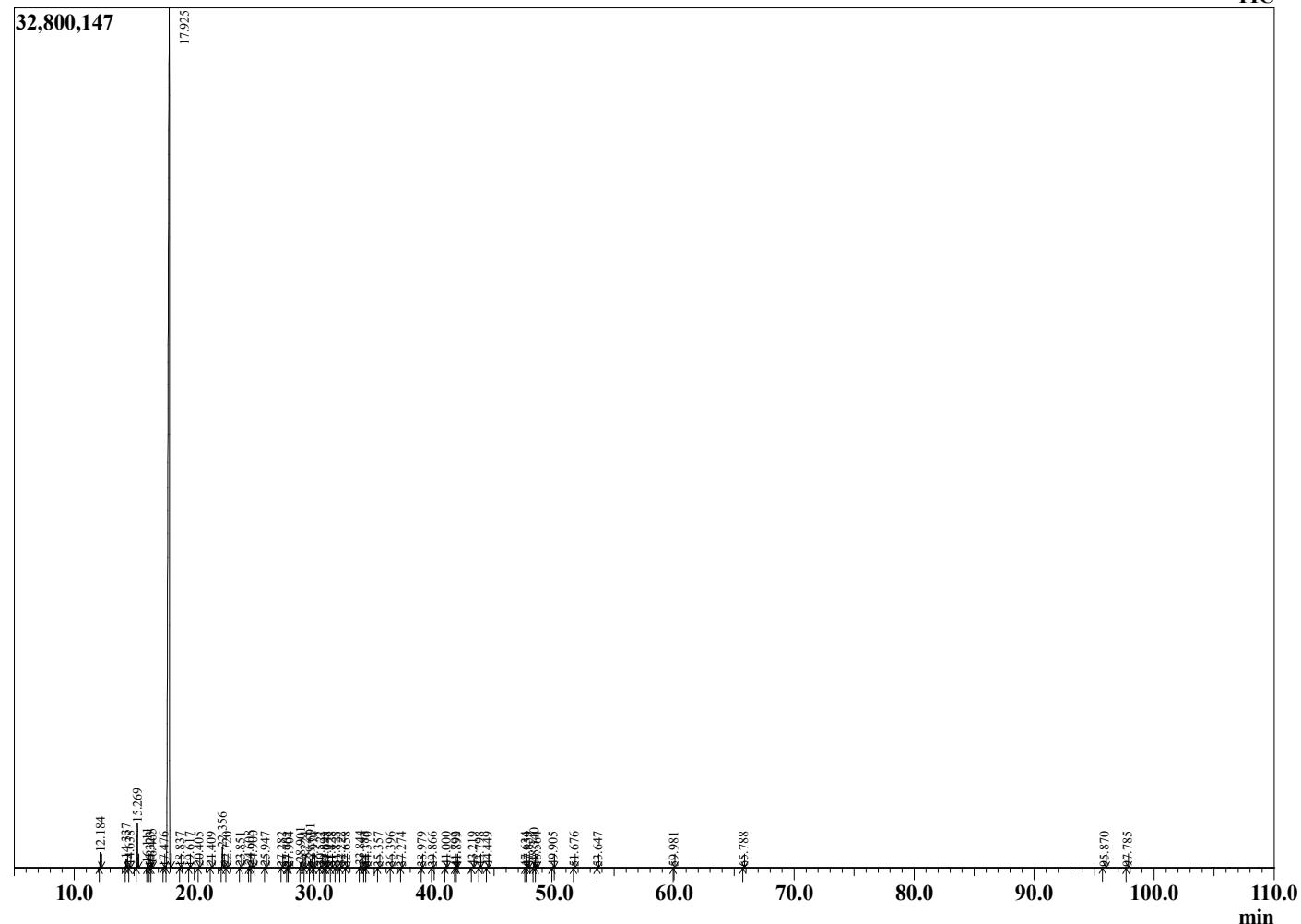
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 5/15/2023 5:13:51 PM
 Sample Type : Essential Oil
 Sample Name : Blood Orange Oil - Revive
 Sample ID : 4E
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.184	alpha-Pinene	0.63
14.337	Sabinene	0.38
14.638	beta-Pinene	0.08
15.269	Myrcene	1.97
16.111	Octanal	0.20
16.323	alpha-Phellandrene	0.04
16.465	delta-3-Carene	0.17
17.476	para-Cymene	0.03
17.925	Limonene	92.69
18.837	trans-beta-Ocimene	0.02
19.617	gamma-Terpinene	0.02
20.405	Octanol	0.04
21.409	Terpinolene	0.04
22.356	Linalool	1.01
22.720	Nonanal	0.04
23.851	trans-para-Mentha-2,8-dienol	0.04
24.608	cis-Limonene oxide	0.10
24.900	trans-Limonene oxide	0.11
25.947	Citronellal	0.04
27.282	Nonanol	0.01
27.762	Unidentified	0.01
27.904	Terpinen-4-ol	0.01
28.901	alpha-Terpineol	0.31
29.224	Unidentified	0.03
29.691	Decanal	0.47
29.974	Octyl acetate	0.02
30.522	trans-Carveol	0.06
30.893	Nerol	0.02
31.048	Citronellol	0.06
31.428	cis-Carveol	0.03
31.825	Neral	0.06
32.222	Carvone	0.07
32.658	Unidentified	0.01
33.844	Geranial	0.14
34.183	Decyl alcohol	0.03
34.370	Perillaldehyde	0.04
35.357	Carvacrol	0.04
36.396	Unidentified	0.02
37.274	Unidentified	0.02
38.979	Limonene glycol	0.01
39.866	Unidentified	0.03
41.000	alpha-Copaene	0.06
41.792	beta-Cubebene	0.04
41.899	beta-Elemene	0.03
43.219	Dodecanal	0.06
43.798	trans-Caryophyllene	0.04
44.449	beta-Copaene	0.05
47.634	Germacrene D	0.02
47.859	Aristolochene	0.06
48.340	Valencene	0.30
48.564	Unidentified	0.02
49.905	delta-Cadinene	0.06
51.676	Elemol	0.02
53.647	Caryophyllene oxide	0.01
59.981	Unidentified	0.02
65.788	Unidentified	0.01
95.870	Unidentified	0.04
97.785	Unidentified	0.03
		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.