

Sample Information

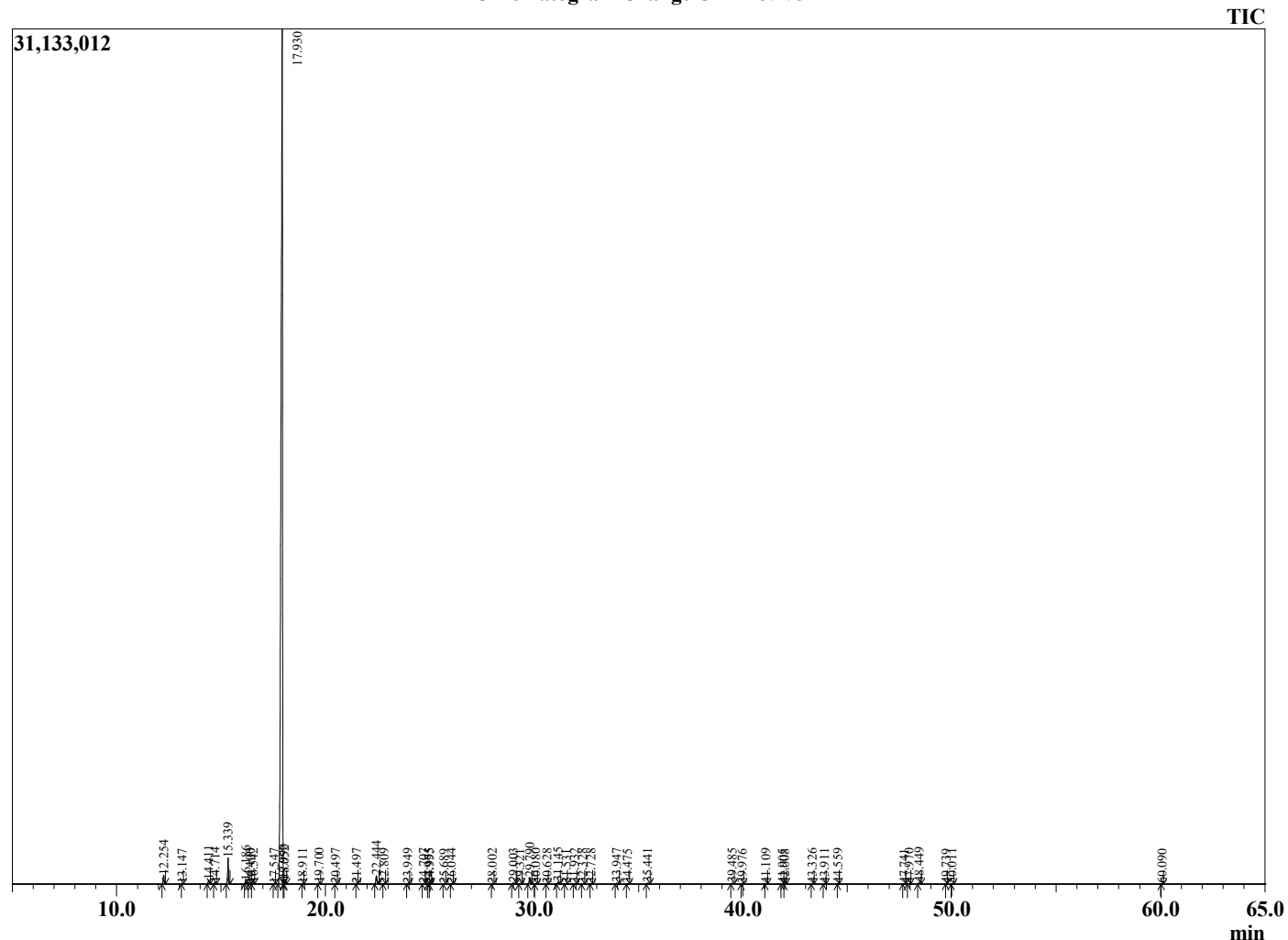
Analyzed by : Dr. Robert S. Pappas
Analyzed : 9/26/2022 5:33:21 PM
Sample Type : Essential Oil
Sample Name : Orange Oil - Revive
Sample ID : 6E
Injection Volume : 0.10
Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.254	alpha-Pinene	0.55
13.147	Camphene	0.01
14.411	Sabinene	0.26
14.714	beta-Pinene	0.11
15.339	Myrcene	1.74
16.186	Octanal	0.27
16.400	alpha-Phellandrene	0.03
16.542	delta-3-Carene	0.08
17.547	para-Cymene	0.02
17.930	Limonene	93.92
17.990	beta-Phellandrene	0.20
18.052	1,8-Cineole	0.24
18.911	trans-beta-Ocimene	0.01
19.700	gamma-Terpinene	0.08
20.497	Octanol	0.02
21.497	Terpinolene	0.01
22.444	Linalool	0.65
22.809	Nonanal	0.04
23.949	trans-para-Mentha-2,8-dienol	0.03
24.707	cis-Limonene oxide	0.05
24.955	cis-para-Mentha-2,8-dien-1-ol	0.03
24.995	trans-Limonene oxide	0.03
25.689	Camphor	0.01
26.044	Citronellal	0.03
28.002	Terpinen-4-ol	0.02
29.003	alpha-Terpineol	0.12
29.321	Unidentified	0.01
29.790	Decanal	0.56
30.080	Octyl acetate	0.03
30.628	trans-Carveol	0.02
31.145	Citronellol	0.15
31.531	cis-Carveol	0.02
31.932	Neral	0.05
32.328	Carvone	0.03
32.728	Linalyl acetate	0.02
33.947	Geranial	0.09
34.475	Perillaldehyde	0.02
35.441	Thymol	0.08
39.485	Eugenol	0.07
39.976	Neryl acetate	0.01
41.109	alpha-Copaene	0.02
41.905	beta-Cubebene	0.02
42.008	beta-Elementene	0.01
43.326	Dodecanal	0.03
43.911	trans-beta-Caryophyllene	0.02
44.559	beta-Copaene	0.01
47.741	Germacrene D	0.01
47.970	Aristolochene + Unidentified	0.03
48.449	Valencene	0.13
49.739	Eugenyl acetate	0.00
50.011	delta-Cadinene	0.01
60.090	beta-Sinensal	0.01

Chromatogram Orange Oil - 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.