

Sample Information

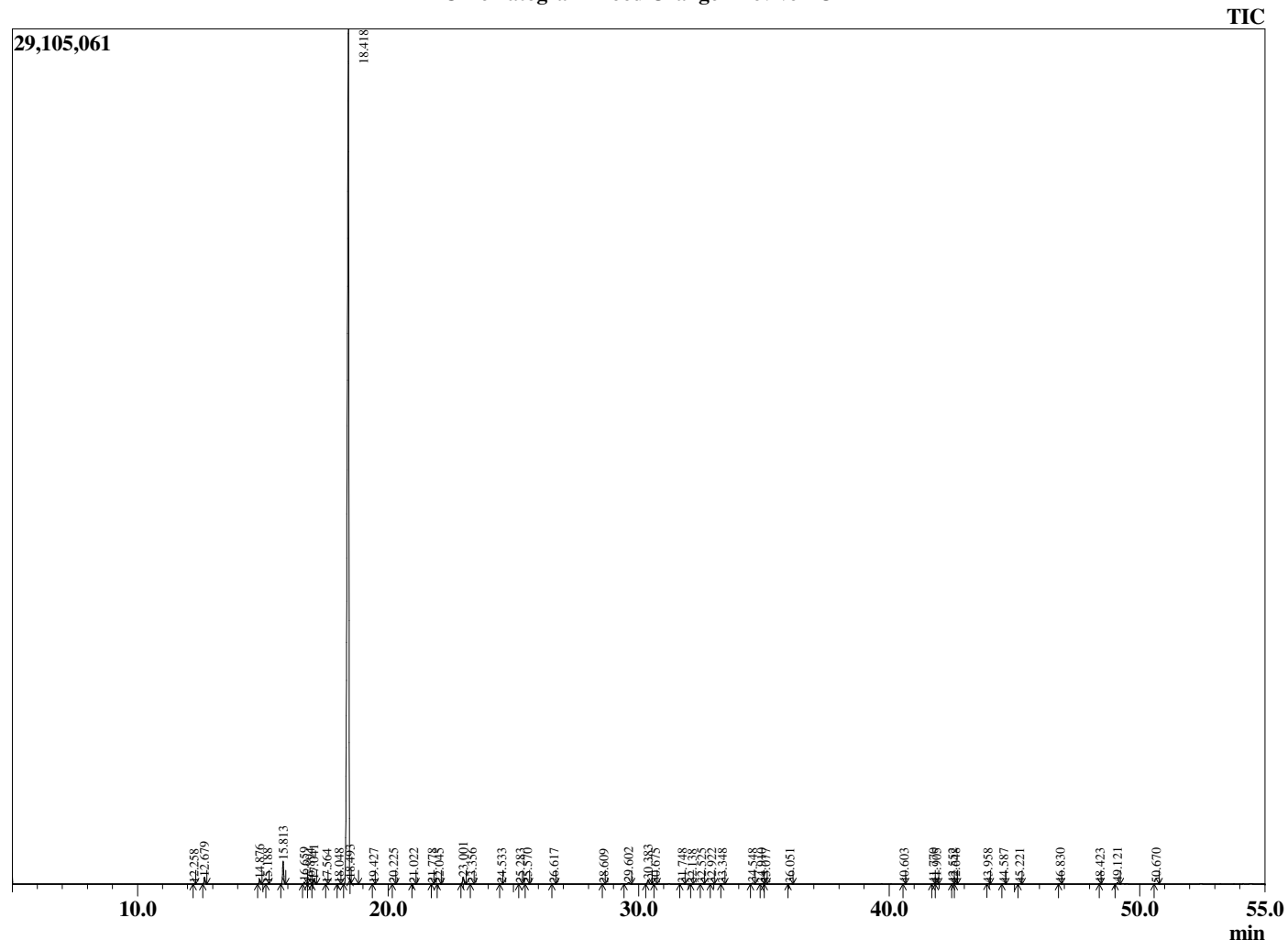
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 1/30/2019 2:56:17 AM
 Sample Type : Essential Oil
 Sample Name : Blood Orange - Revive EO
 Sample ID : D0B1017L
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.258	alpha-Thujene	0.01
12.679	alpha-Pinene	0.50
14.876	Sabinene	0.35
15.188	beta-Pinene	0.04
15.813	Myrcene	1.77
16.659	Octanal	0.17
16.894	alpha-Phellandrene	0.06
17.041	delta-3-Carene	0.33
17.564	alpha-Terpinene	0.01
18.048	para-Cymene	0.03
18.418	Limonene	94.53
18.493	beta-Phellandrene	0.05
19.427	trans-beta-Ocimene	0.02
20.225	gamma-Terpinene	0.02
21.022	n-Octanol	0.03
21.778	Isoterpinolene	0.01
22.045	Terpinolene	0.06
23.001	Linalool	0.63
23.356	Nonanal	0.03
24.533	trans-para-Mentha-2,8-dienol	0.02
25.283	cis-Limonene oxide	0.02
25.570	trans-Limonene oxide	0.05
26.617	Citronellal	0.04
28.609	Terpinen-4-ol	0.01
29.602	alpha-Terpineol	0.15
30.383	Decanal	0.41
30.675	Octyl acetate	0.01
31.748	Citronellol	0.04
32.138	Unidentified	0.01
32.525	Neral	0.04
32.922	Carvone	0.03
33.348	Unidentified	0.02
34.548	Geranial	0.08
34.910	Decanol	0.01
35.077	Perillaldehyde	0.02
36.051	Thymol	0.03
40.603	Neryl acetate	0.01
41.770	alpha-Copaene	0.04
41.905	Geranyl acetate	0.01
42.552	beta-Cubebene	0.02
42.648	beta-Elementene	0.02
43.958	Dodecanal	0.02
44.587	beta-Caryophyllene	0.04
45.221	beta-Copaene	0.03
46.830	alpha-Humulene	0.01
48.423	Germacrene D	0.01
49.121	Valencene	0.12
50.670	delta-Cadinene	0.04
		100.00

Chromatogram Blood Orange - Revive EO



Comments:

The analysis of this Blood Orange, Italy batch sample meets the expected chemical profile for authentic essential oil of *Citrus sinensis*. No contamination or adulteration was detected.