

Sample Information

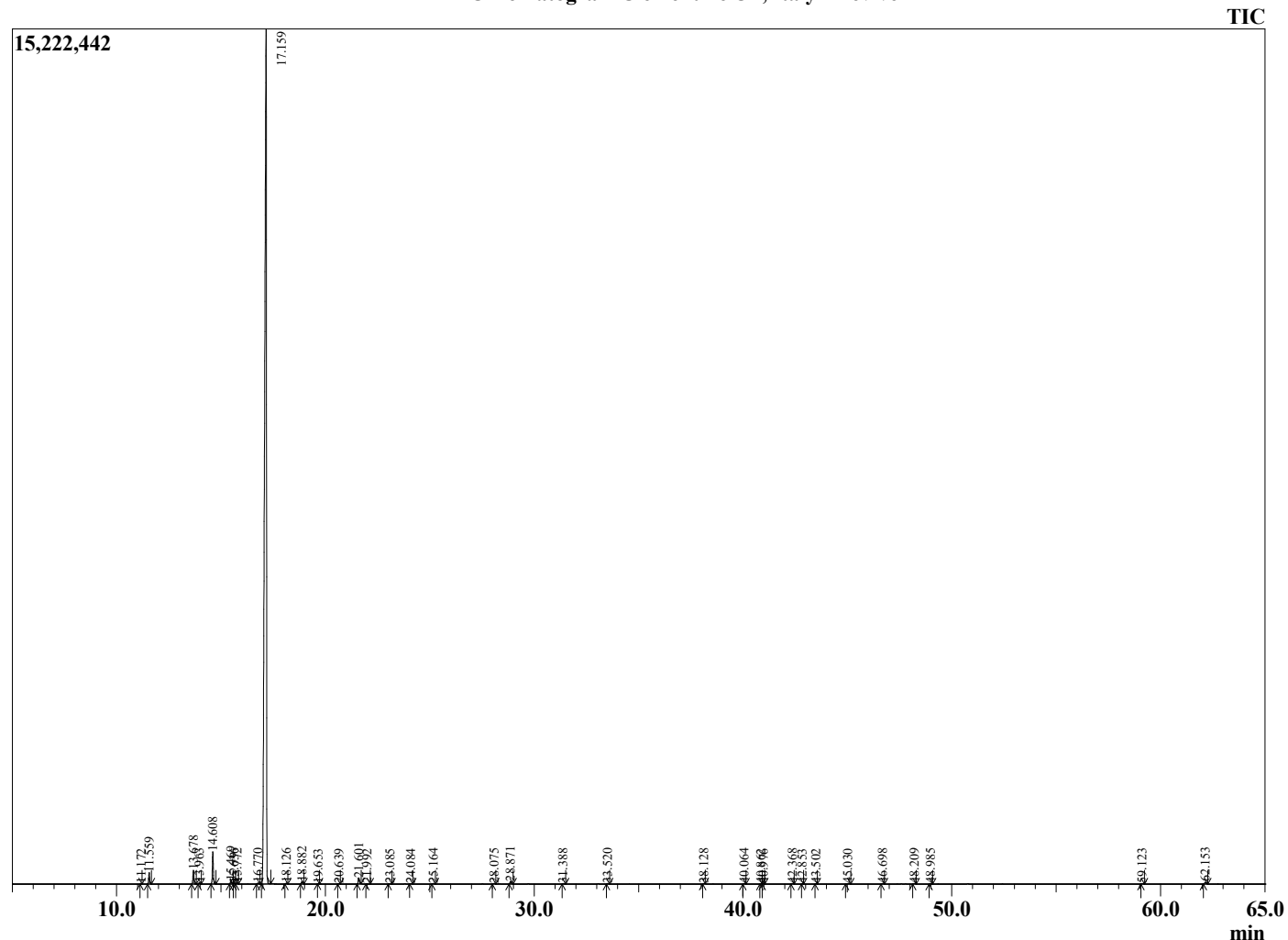
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 5/16/2023 10:45:09 AM
 Sample Type : Essential Oil
 Sample Name : Clementine Oil, Italy - Revive
 Sample ID : 6A
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
11.172	alpha-Thujene	0.01
11.559	alpha-Pinene	0.62
13.678	Sabinene	0.80
13.963	beta-Pinene	0.07
14.608	Myrcene	1.90
15.469	Octanal	0.20
15.636	alpha-Phellandrene	0.04
15.772	delta-3-Carene	0.06
16.770	para-Cymene	0.05
17.159	Limonene	94.72
18.126	cis-beta-Ocimene	0.04
18.882	gamma-Terpinene	0.15
19.653	trans-Sabinene hydrate	0.01
20.639	Terpinolene	0.02
21.601	Linalool	0.42
21.992	Nonanal	0.01
23.085	trans-para-Mentha-2,8-dien-1-ol	0.01
24.084	trans-Limonene oxide	0.02
25.164	Citronellal	0.04
28.075	alpha-Terpineol	0.05
28.871	Decanal	0.18
31.388	Carvone	0.03
33.520	Perillaldehyde	0.03
38.128	8-para-Menthen-1,2-diol	0.02
40.064	alpha-Copaene	0.04
40.862	beta-Cubebene	0.02
40.976	beta-Elemene	0.03
42.368	Dodecanal	0.04
42.853	Unidentified	0.01
43.502	beta-Copaene	0.02
45.030	(E)-beta-Farnesene	0.04
46.698	Germacrene D	0.03
48.209	(E,E)-alpha-Farnesene	0.04
48.985	delta-Cadinene	0.04
59.123	beta-Sinensal	0.03
62.153	alpha-Sinensal	0.14
		100.00

Chromatogram Clementine Oil, Italy - Revive



Comments:

The analysis of this Clementine batch sample meets the expected chemical profile for authentic essential oil of *Citrus clementina*. 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.