

Sample Information

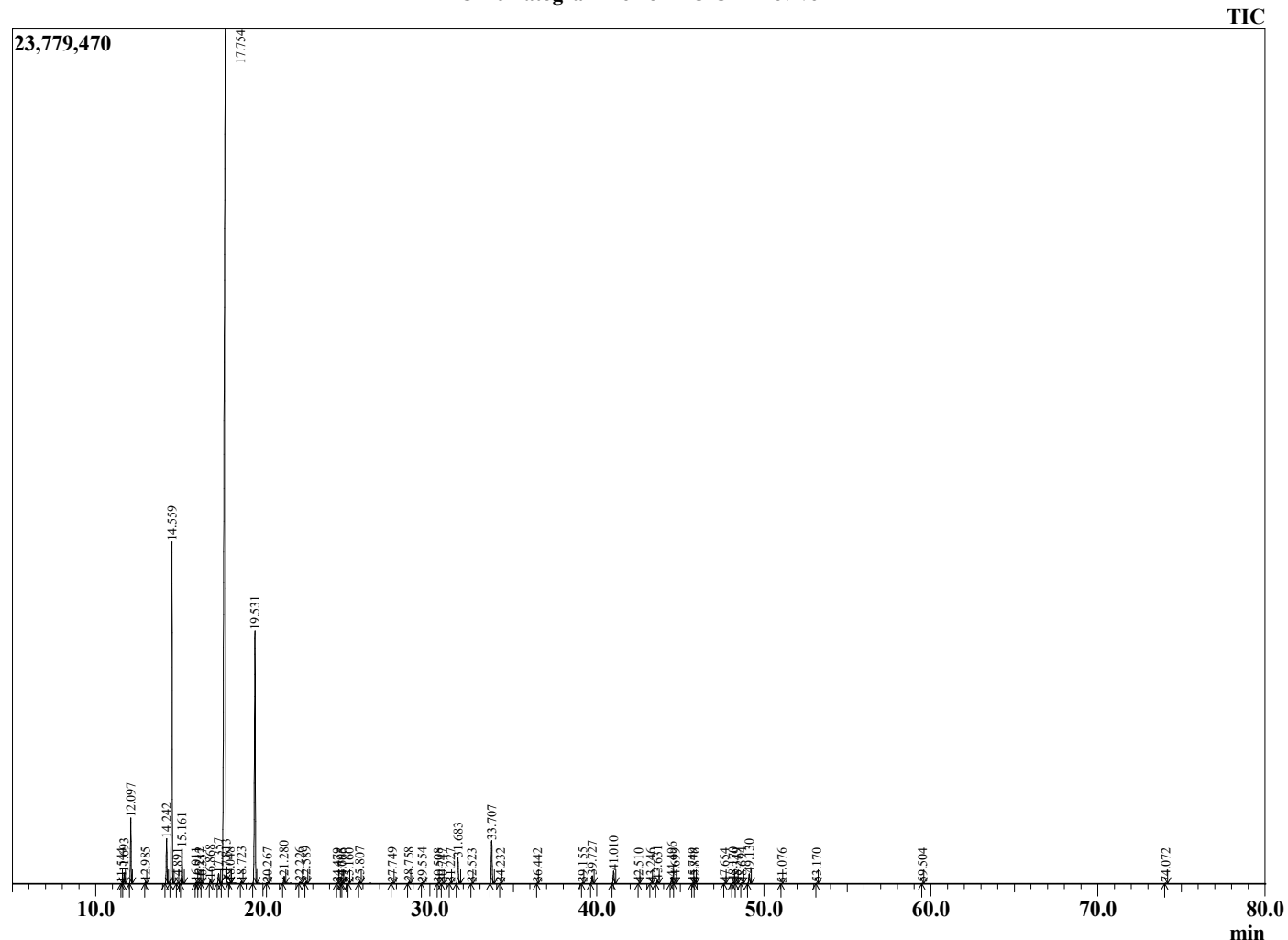
Analyzed by : Dr. Robert S. Pappas
Analyzed : 05/01/2024 11:31:40 AM
Sample Type : Essential Oil
Sample Name : Lemon EO CP
Sample ID : 5E
Injection Volume : 0.10
Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
11.544	Tricyclene	0.01
11.693	alpha-Thujene	0.36
12.097	alpha-Pinene	2.28
12.985	Camphene	0.05
14.242	Sabinene	1.73
14.559	beta-Pinene	13.73
14.891	6-Methyl hept-5-en-2-one	0.01
15.161	Myrcene	1.38
16.011	Octanal	0.05
16.212	alpha-Phellandrene	0.03
16.357	delta-3-Carene	0.01
16.868	alpha-Terpinene	0.17
17.357	para-Cymene	0.47
17.754	Limonene	61.98
17.813	beta-Phellandrene	0.02
18.048	cis-beta-Ocimene	0.03
18.723	trans-beta-Ocimene	0.08
19.531	gamma-Terpinene	11.37
20.267	trans-Sabinene hydrate	0.02
21.280	Terpinolene	0.31
22.226	Linalool	0.07
22.589	Nonanal	0.07
24.479	cis-Limonene oxide	0.01
24.695	Unidentified	0.01
24.766	trans-Limonene oxide	0.01
25.160	Epoxysterpinolene	0.01
25.807	Citronellal	0.07
27.749	Terpinen-4-ol	0.03
28.758	alpha-Terpineol	0.07
29.554	Decanal	0.03
30.508	Unidentified	0.01
30.747	Nerol	0.01
31.227	Unidentified	0.02
31.683	Neral	1.21
32.523	Geraniol	0.01
33.707	Geranial	2.02
34.232	Perillaldehyde	0.01
36.442	Undecenal	0.01
39.155	Citronellyl acetate	0.02
39.727	Neryl acetate	0.37
41.010	Geranyl acetate	0.60
42.510	Tetradecane	0.01
43.246	cis-alpha-Bergamotene	0.02
43.631	beta-Caryophyllene	0.15
44.496	trans-alpha-Bergamotene	0.34
44.699	Unidentified	0.01
45.749	trans-beta-Farnesene	0.01
45.876	alpha-Humulene	0.01
47.654	trans-beta-Bergamotene	0.02
48.170	Valencene	0.06
48.349	Bicyclogermacrene	0.02
48.694	alpha-Bisabolene	0.04
49.130	beta-Bisabolene	0.50
51.076	trans,trans-alpha-Farnesene	0.01
53.170	Spathulenol	0.02
59.504	alpha-Bisabolol	0.01
74.072	Citropten	0.02
		100.00

Chromatogram Lemon EO CP - Revive



Comments:

The analysis of this Lemon EO CP batch sample meets the expected chemical profile for authentic essential oil of Citrus limon. 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.