

Sample Information

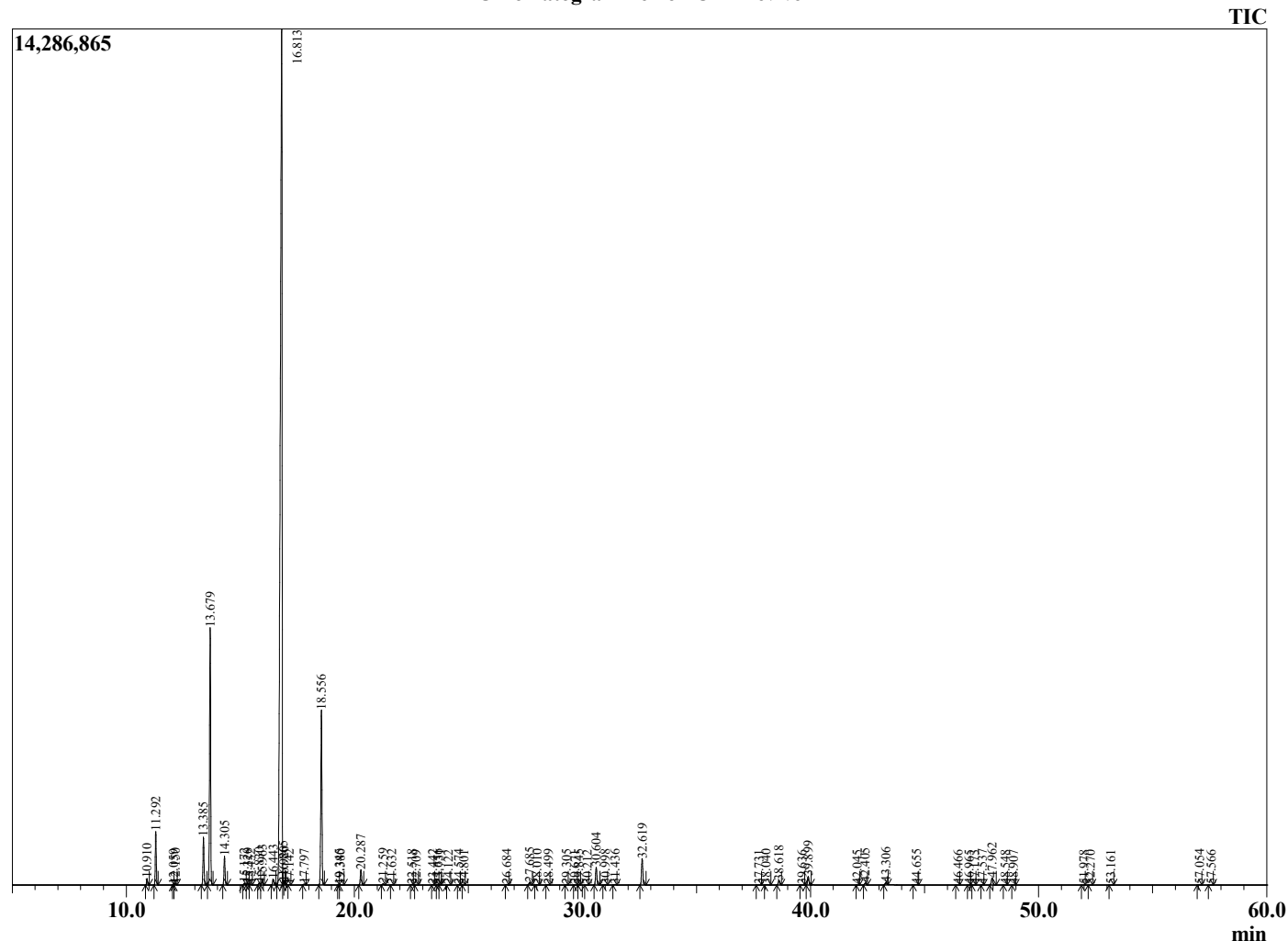
Analyzed by : Dr. Robert S. Pappas
Analyzed : 12/22/2023 8:53:42 PM
Sample Type : Essential Oil
Sample Name : Lemon Oil - Revive
Sample ID : 5Q
Injection Volume : 0.10
Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
10.910	alpha-Thujene	0.27
11.292	alpha-Pinene	2.25
12.059	alpha-Fenchene	0.01
12.150	Camphene	0.07
13.385	Sabinene	2.18
13.679	beta-Pinene	11.96
14.305	Myrcene	1.34
15.172	Octanal	0.09
15.320	alpha-Phellandrene	0.08
15.452	delta-3-Carene	0.05
15.830	1,4-Cineole	0.11
15.963	alpha-Terpinene	0.28
16.443	para-Cymene	0.32
16.813	Limonene	66.32
16.865	beta-Phellandrene	0.32
16.920	1,8-Cineole	0.01
17.142	cis-beta-Ocimene	0.02
17.797	trans-beta-Ocimene	0.05
18.556	gamma-Terpinene	8.69
19.345	cis-Linalool oxide (furanoid)	0.01
19.380	Unidentified	0.02
20.287	Terpinolene	0.79
21.259	Linalool	0.07
21.632	Nonanal	0.02
22.518	alpha-Fenchol	0.03
22.709	trans-para-Mentha-2,8-dienol	0.01
23.442	cis-Limonene oxide	0.02
23.656	Terpin-3-en-1-ol	0.03
23.731	trans-Limonene oxide	0.02
24.122	Epoxyterpinolene	0.01
24.574	cis-beta-Terpineol	0.02
24.801	Citronellal	0.01
26.684	Terpinen-4-ol	0.04
27.685	alpha-Terpineol	0.15
28.010	gamma-Terpineol	0.02
28.499	Decanal	0.02
29.305	trans-Carveol	0.01
29.671	Nerol	0.01
29.845	Citronellol	0.02
30.212	cis-Carveol	0.01
30.604	Neral	0.99
30.998	Carvone	0.02
31.436	Geraniol	0.03
32.619	Geranial	1.49
37.731	Unidentified	0.01
38.040	Unidentified	0.03
38.618	Neryl acetate	0.26
39.636	alpha-Copaene	0.01
39.899	Geranyl acetate	0.51
42.045	Unidentified	0.01
42.405	beta-Caryophyllene	0.13
43.306	trans-alpha-Bergamotene	0.15
44.655	Unidentified	0.03
46.466	trans-beta-Bergamotene	0.01
46.965	Valencene	0.01
47.173	Unidentified	0.01
47.537	Isodaucene	0.01
47.962	beta-Bisabolene	0.45
48.548	delta-Cadinene	0.01
48.907	beta-Sesquiphellandrene	0.01
51.978	Unidentified	0.01
52.270	Caryophyllene oxide	0.01

Chromatogram Lemon Oil - Revive



Comments:

The analysis of this Lemon Oil 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.

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R.Time	Name	Area%
53.161	Unidentified	0.01
57.054	Bulnesol	0.02
57.566	Unidentified	0.01
		100.00