

Sample Information

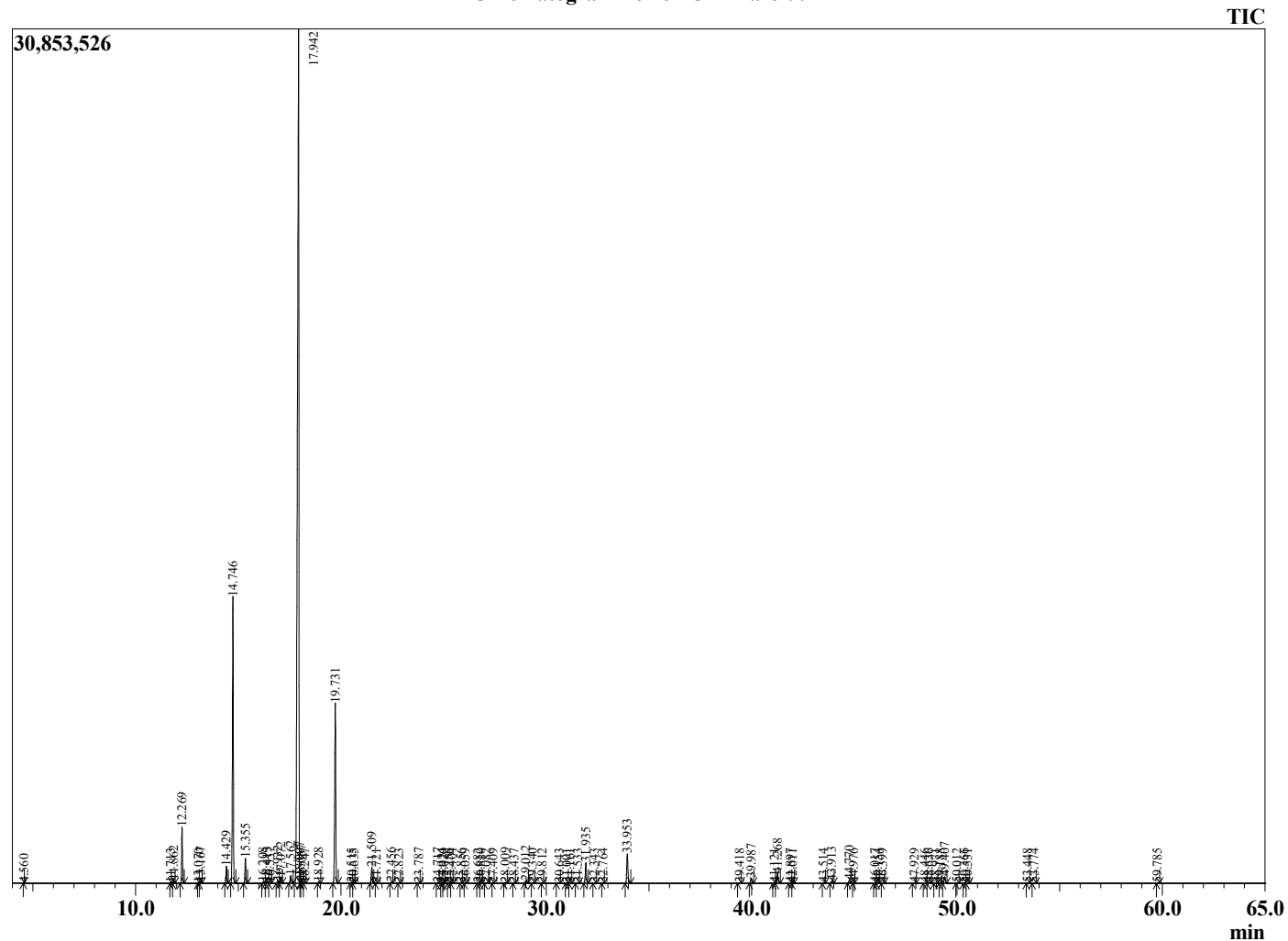
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/20/2022 7:12:09 PM
 Sample Type : Essential Oil
 Sample Name : Lemon Oil - Barefut
 Sample ID : 0115
 Injection Volume : 0.10
 Instrument ID : GC-4



Peak Report TIC

R.Time	Name	Area%
4.560	Heptane	0.00
11.713	Tricyclene	0.00
11.862	alpha-Thujene	0.14
12.269	alpha-Pinene	2.48
13.070	alpha-Fenchene	0.01
13.167	Camphene	0.07
14.429	Sabinene	0.81
14.746	beta-Pinene	13.99
15.355	Myrcene	1.18
16.208	Octanal	0.07
16.413	alpha-Phellandrene	0.08
16.557	delta-3-Carene	0.03
16.932	1,4-Cineole	0.13
17.072	alpha-Terpinene	0.30
17.562	para-Cymene	0.44
17.942	Limonene	63.87
18.007	beta-Phellandrene	0.18
18.067	1,8-Cineole	0.13
18.247	cis-beta-Ocimene	0.02
18.928	trans-beta-Ocimene	0.06
19.731	gamma-Terpinene	9.85
20.515	cis-Linalool oxide (furanoid)	0.03
20.635	Pinol	0.01
21.509	Terpinolene	0.86
21.721	Fenchone	0.01
22.456	Linalool	0.05
22.823	Nonanal	0.02
23.787	endo-Fenchol	0.03
24.717	cis-Limonene oxide	0.03
24.924	Terpin-3-en-1-ol	0.03
25.020	trans-Limonene oxide	0.02
25.256	trans-Pinocarveol	0.01
25.404	Unidentified	0.02
25.856	cis-beta-Terpineol	0.02
26.059	Citronellal	0.01
26.682	Isogeranial	0.01
26.810	Unidentified	0.01
27.082	Unidentified	0.01
27.409	Borneol	0.00
28.009	Terpinen-4-ol	0.04
28.437	para-Cymen-8-ol	0.01
29.012	alpha-Terpineol	0.17
29.340	gamma-Terpineol	0.02
29.812	Decanal	0.01
30.643	trans-Carveol	0.01
31.001	Nerol	0.01
31.161	Citronellol	0.02
31.533	Unidentified	0.01
31.935	Neral	1.19
32.343	Carvone	0.01
32.764	Geraniol	0.02
33.953	Geranial	1.75
39.418	Citronellyl acetate	0.01
39.987	Neryl acetate	0.29
41.121	alpha-Copaene	0.01
41.268	Geranyl acetate	0.59
41.897	Unidentified	0.01
42.011	beta-Elemene	0.01
43.514	cis-alpha-Bergamotene	0.01
43.913	trans-beta-Caryophyllene	0.13
44.770	trans-alpha-Bergamotene	0.18
44.976	Unidentified	0.00

Chromatogram Lemon Oil - Barefut



R.Time	Name	Area%
46.017	trans-beta-Farnesene	0.01
46.154	alpha-Humulene	0.01
46.399	beta-Santalene	0.01
47.929	trans-beta-Bergamotene	0.01
48.446	Valencene	0.01
48.636	Bicyclogermacrene	0.01
48.971	cis-alpha-Bisabolene	0.01
49.188	Unidentified	0.00
49.407	beta-Bisabolene	0.41
50.012	delta-Cadinene	0.01
50.366	beta-Sesquiphellandrene	0.00
50.531	trans-gamma-Bisabolene	0.00
53.448	Spathulenol	0.01
53.774	Caryophyllene oxide	0.01
59.785	alpha-Bisabolol	0.00
		100.00