

Sample Information

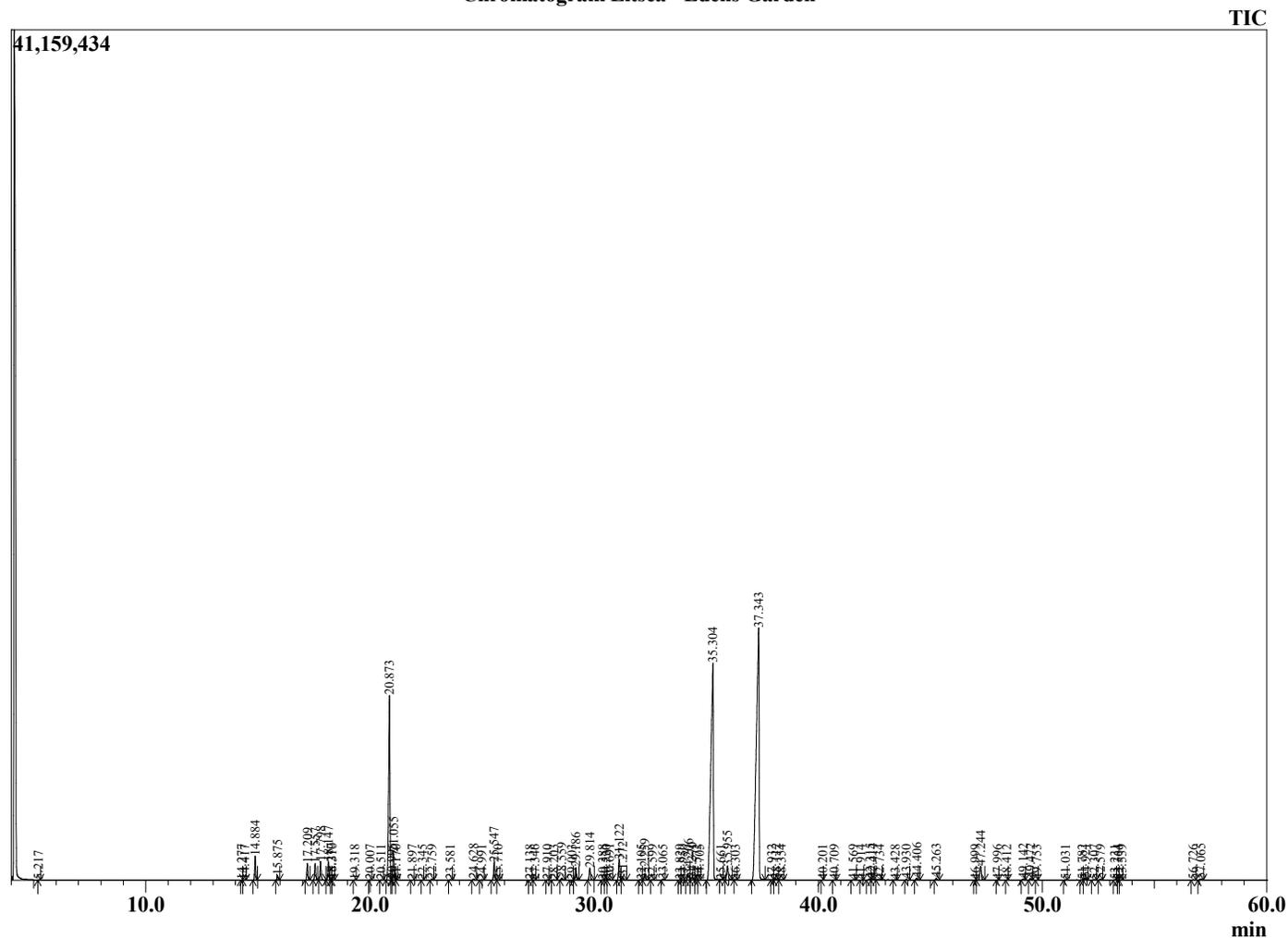
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/28/2022 1:53:04 AM
 Sample Type : Essential Oil
 Sample Name : Litsea - Edens Garden
 Sample ID : EG Lot #BB11GAK
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
5.217	3-Methylbutanal	0.00
14.277	Tricyclene	0.01
14.417	alpha-Thujene	0.03
14.884	alpha-Pinene	1.36
15.875	Camphene	0.29
17.209	Sabinene	0.99
17.557	beta-Pinene	1.01
17.798	6-Methyl 5-hepten-2-one	1.17
18.147	Myrcene	1.12
18.277	dehydro-1,8-Cineole	0.05
18.310	Sulcatol	0.04
19.318	alpha-Phellandrene	0.02
20.007	alpha-Terpinene	0.03
20.511	para-Cymene	0.02
20.873	Limonene	13.69
20.995	beta-Phellandrene	0.06
21.055	1,8-Cineole	1.69
21.170	cis-beta-Ocimene	0.01
21.897	trans-beta-Ocimene	0.01
22.345	Unidentified	0.01
22.759	gamma-Terpinene	0.05
23.581	trans-Sabinene hydrate	0.04
24.628	Terpinolene	0.08
24.991	Rosefuran	0.03
25.547	Linalool	1.21
25.710	cis-Sabinene hydrate	0.02
27.138	trans-para-Mentha-2,8-dienol	0.01
27.346	cis-para-Mentha-2-en-1-ol	0.01
27.910	cis-Limonene oxide	0.02
28.203	trans-Limonene oxide	0.03
28.559	exo-Isocitral	0.15
29.003	trans-Chrysanthamal	0.02
29.186	Citronellal	0.87
29.814	Isoneral	0.85
30.388	Isoborneol	0.03
30.530	Unidentified	0.02
30.691	Borneol	0.08
31.122	Isogeranial	1.44
31.272	Terpinen-4-ol	0.27
32.105	Unidentified	0.02
32.259	alpha-Terpineol	0.48
32.599	cis-Piperitol	0.03
33.065	Unidentified	0.03
33.829	trans-Piperitol	0.02
33.950	Unidentified	0.02
34.206	Nerol	0.49
34.370	Citronellol	0.22
34.572	Isogeraniol	0.03
34.705	2,3-epoxygeranial	0.01
35.304	Neral	29.45
35.661	Carvone	0.01
35.955	Geraniol	1.16
36.303	Piperitone	0.02
37.343	Geranial	38.61
37.932	Unidentified	0.02
38.112	trans-Carvone oxide	0.10
38.354	Bornyl acetate	0.04
40.201	Neric acid	0.01
40.709	trans-Carvone oxide	0.02
41.569	13-Heptadecyn-1-ol	0.04
41.914	Unidentified	0.01
42.315	Geranic acid	0.08

Chromatogram Litsea - Edens Garden



Comments:

The analysis of this Litsea batch sample meets the expected chemical profile for authentic essential oil of Litsea cubeba.

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%
42.414	alpha-Terpinyl acetate	0.10
42.734	Eugenol	0.05
43.428	Unidentified	0.03
43.930	Unidentified	0.04
44.406	alpha-Copaene	0.15
45.263	beta-Elemene	0.11
46.999	Unidentified	0.01
47.244	beta-Caryophyllene	1.13
47.996	Unidentified	0.01
48.412	Aromandendrene	0.01
49.142	trans-beta-Farnesene	0.08
49.472	alpha-Humulene	0.11
49.753	Alloaromadendrene	0.01
51.031	Germacrene D	0.03
51.782	Unidentified	0.01
51.921	Bicyclgermacrene	0.13
52.307	(E,E)-alpha-Farnesene	0.03
52.579	beta-Bisabolene	0.04
53.231	delta-Cadinene	0.03
53.364	(-)-alpha-Panasinsen	0.01
53.539	beta-Sesquiphellandrene	0.01
56.726	Unidentified	0.03
57.065	Caryophyllene oxide	0.11
		100.00