

Sample Information

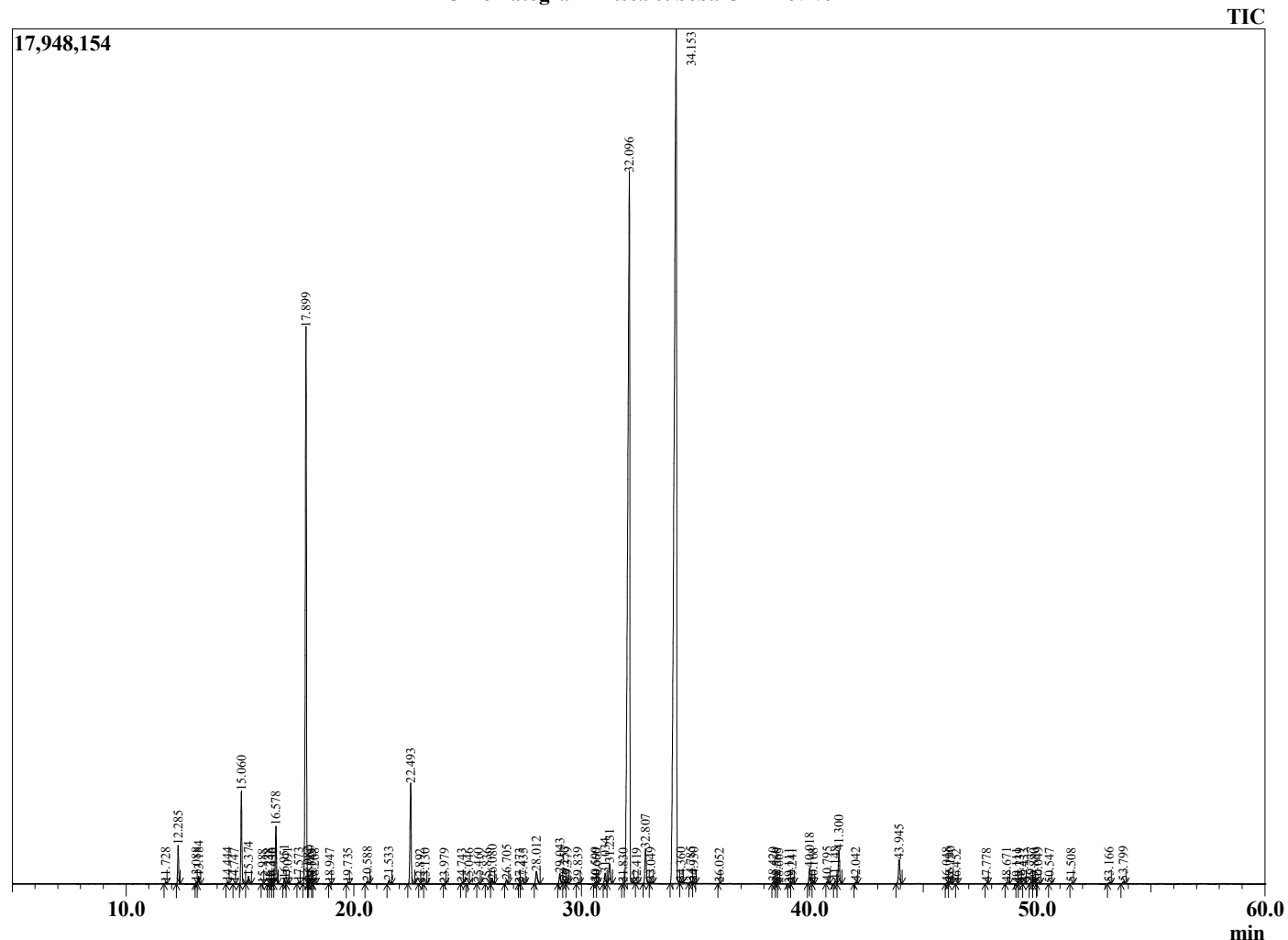
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/10/2022 9:46:19 PM
 Sample Type : Essential Oil
 Sample Name : Litsea cubeba Oil - Revive
 Sample ID : 4A
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
11.728	Tricyclene	0.02
12.285	alpha-Pinene	0.77
13.088	alpha-Fenchene	0.03
13.184	Camphene	0.16
14.444	Sabinene	0.03
14.747	beta-Pinene	0.01
15.060	6-Methyl-hept-5-en-2-one	1.98
15.374	Myrcene	0.17
15.988	delta-2-Carene	0.01
16.238	Octanal	0.01
16.346	Unidentified	0.01
16.436	alpha-Phellandrene	0.01
16.578	delta-3-Carene	1.29
16.951	1,4-Cineole	0.11
17.091	alpha-Terpinene	0.04
17.573	para-Cymene	0.04
17.899	Limonene	13.64
17.982	beta-Phellandrene	0.03
18.060	1,8-Cineole	0.09
18.145	Unidentified	0.00
18.268	cis-beta-Ocimene	0.02
18.947	trans-beta-Ocimene	0.01
19.735	gamma-Terpinene	0.03
20.588	4-Nonanone	0.07
21.533	Terpinolene	0.08
22.493	Linalool	2.50
22.892	alpha-Pinene oxide	0.00
23.130	Unidentified	0.01
23.979	Unidentified	0.01
24.743	cis-Limonene oxide	0.01
25.046	trans-Limonene oxide	0.01
25.460	exo-Isocitral	0.02
25.836	trans-Chrysanthemal	0.02
26.080	Citronellal	0.11
26.705	Isoneral	0.10
27.273	Rose furan oxide	0.01
27.435	Borneol	0.02
28.012	Isogeranial + Terpinen-4-ol	0.43
29.043	alpha-Terpineol	0.28
29.253	Unidentified	0.07
29.379	Unidentified	0.05
29.839	cis-Carveol	0.04
30.599	Piperitol analogue	0.04
30.660	Unidentified	0.01
31.034	Nerol	0.30
31.231	Citronellol	0.68
31.830	Unidentified	0.02
32.096	Neral	29.97
32.419	Carvone	0.01
32.807	Geraniol	1.01
33.049	Piperitone	0.04
34.153	Geranial	42.55
34.360	Unidentified	0.04
34.785	Unidentified	0.05
34.930	Unidentified	0.03
36.052	Geranyl formate	0.01
38.420	Unidentified	0.05
38.560	Unidentified	0.02
38.665	Pulespenone	0.01
39.111	Unidentified	0.01
39.241	alpha-Terpinyl acetate	0.02
40.018	Neryl acetate	0.46

Chromatogram Litsea cubeba Oil - Revive



Comments:

The analysis of this Litsea cubeba 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.

R.Time	Name	Area%
40.168	Unidentified	0.02
40.795	iso-8-Hydroxymenthol	0.06
41.148	alpha-Copaene	0.07
41.300	Geranyl acetate	0.93
42.042	beta-Elemene	0.04
43.945	trans-beta-Caryophyllene	0.75
46.048	trans-beta-Farnesene	0.03
46.190	alpha-Humulene	0.08
46.452	Alloaromadendrene	0.01
47.778	Germacrene D	0.02
48.671	Bicyclogermacrene	0.03
49.111	Unidentified	0.01
49.239	trans,trans-alpha-Farnesene	0.01
49.433	beta-Bisabolene	0.02
49.737	gamma-Cadinene	0.05
49.880	Cubebol	0.01
50.049	delta-Cadinene	0.04
50.547	Unidentified	0.01
51.508	Unidentified	0.02
53.166	Unidentified	0.04
53.799	Caryophyllene oxide	0.08
		100.00