

Sample Information

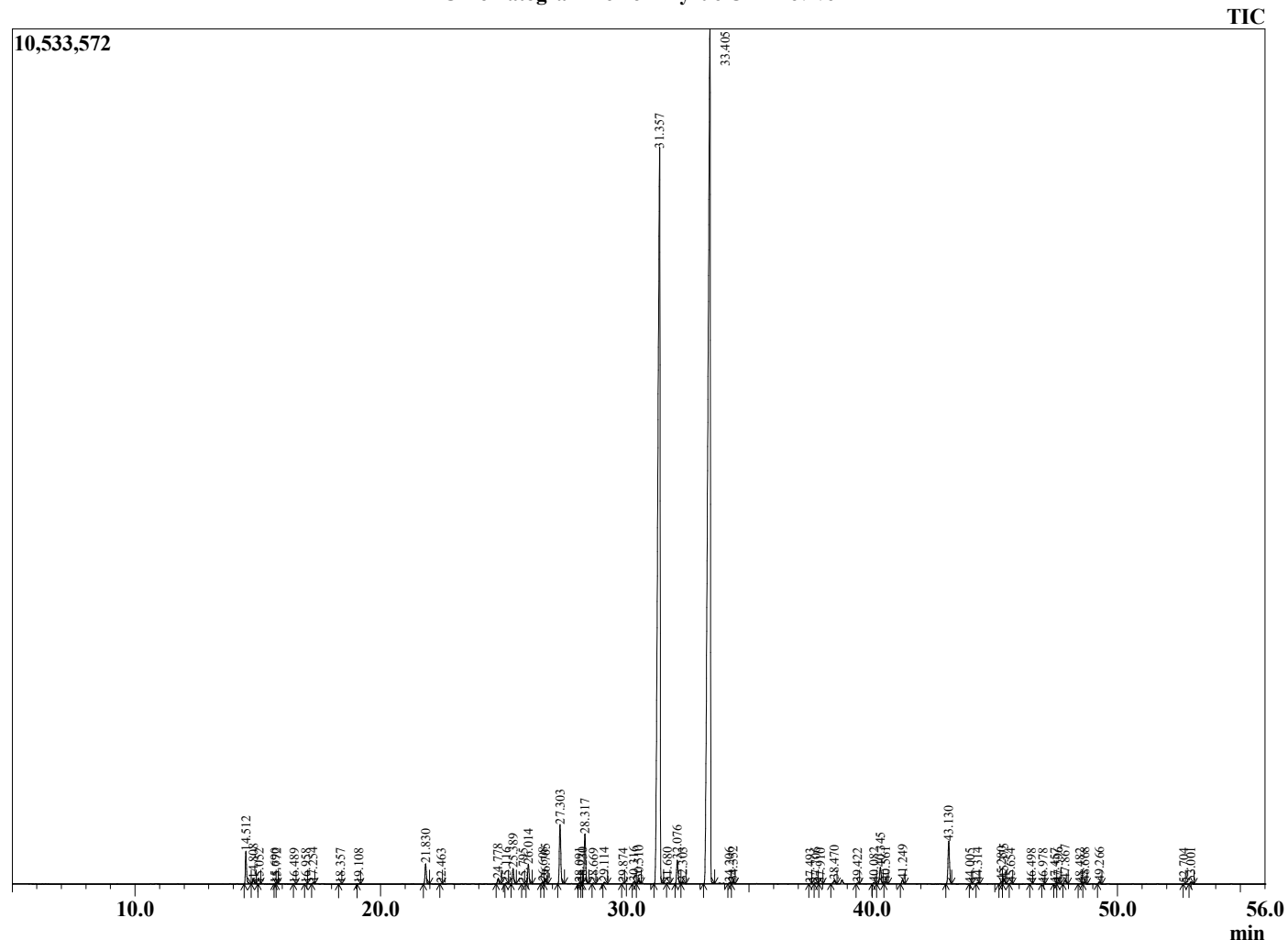
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/13/2022 9:09:17 PM
 Sample Type : Essential Oil
 Sample Name : Lemon Myrtle Oil - Revive
 Sample ID : 4F
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
14.512	6-Methyl hept-5-en-2-one	0.91
14.808	Myrcene	0.17
15.052	6-Methyl hept-5-en-2-ol	0.01
15.690	Pseudolimonene	0.01
15.772	Menthatriene analogue	0.01
16.489	alpha-Terpinene	0.01
16.958	para-Cymene	0.01
17.254	Limonene	0.04
18.357	trans-beta-Ocimene	0.01
19.108	gamma-Terpinene	0.01
21.830	Linalool	0.62
22.463	Unidentified	0.01
24.778	exo-Isocitral	0.17
25.116	Isopulegol	0.03
25.389	Citronellal	0.49
25.795	Isoisopulegol	0.01
26.014	Isoneral	0.63
26.608	delta-Terpineol	0.06
26.705	Borneol	0.16
27.303	Isogeranial	1.98
28.091	Methyl salicylate	0.02
28.230	Unidentified	0.02
28.317	alpha-Terpineol	1.71
28.669	cis-Piperitol	0.02
29.114	Unidentified	0.05
29.874	cis-Carveol	0.02
30.316	Nerol	0.08
30.510	Citronellol	0.12
31.357	Neral	38.29
31.680	Carvone	0.02
32.076	Geraniol	0.84
32.303	Piperitone	0.07
33.405	Geranial	49.81
34.206	trans-Carvone oxide	0.04
34.352	Bornyl acetate	0.07
37.493	delta-Elementene	0.01
37.706	Unidentified	0.04
37.910	Pulegone	0.01
38.470	alpha-Terpinyl acetate	0.14
39.422	Unidentified	0.02
40.082	Unidentified	0.05
40.345	alpha-Copaene	0.60
40.561	Geranyl acetate	0.08
41.249	beta-Elementene	0.14
43.130	trans-beta-Caryophyllene	1.55
44.005	Unidentified	0.01
44.314	Aromadendrene	0.04
45.280	trans-beta-Farnesene	0.09
45.375	alpha-Humulene	0.19
45.654	Alloaromadendrene	0.03
46.498	Selina-4,11-diene	0.01
46.978	Germacrene D	0.01
47.457	beta-Selinene	0.01
47.596	Viridiflorene	0.04
47.867	Bicyclogermacrene	0.16
48.482	trans,trans-alpha-Farnesene	0.01
48.668	beta-Bisabolene	0.07
49.266	delta-Cadinene	0.08
52.704	Spathulenol	0.01
53.001	Caryophyllene oxide	0.08
		100.00

Chromatogram Lemon Myrtle Oil - Revive



Comments:

The analysis of this Lemon Myrtle batch sample meets the expected chemical profile for authentic essential oil of *Backhousia citriodora*. 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.