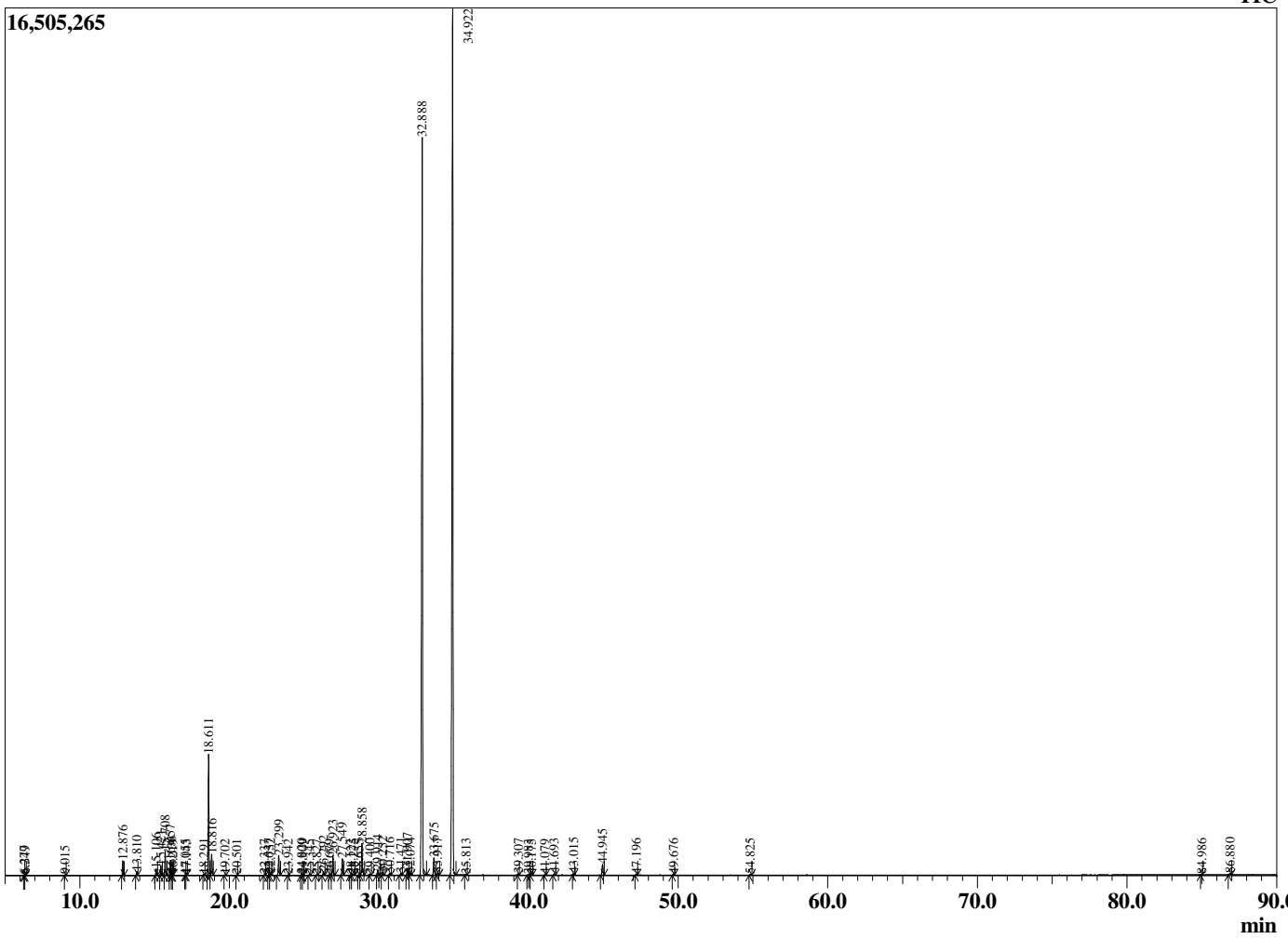
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 11/27/2018 4:41:14 AM
Sample Type : Essential Oil
Sample Name : Lemon Myrtle
Sample ID : B0322AC
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Lemon Myrtle



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.

Peak Report TIC

R.Time	Name	Area%
6.277	Prenol	0.01
6.349	Methyl 2-methylbutyrate	0.01
9.015	3-cis-Hexenol	0.01
12.876	alpha-Pinene	0.49
13.810	Camphene	0.13
15.106	Sabinene	0.23
15.421	beta-Pinene	0.36
15.708	6-Methyl hept-5-en-2-one	0.84
16.057	Myrcene	0.55
16.136	dehydro-1,8-Cineole	0.09
16.219	Sulcatol	0.01
17.055	Unidentified	0.01
17.143	alpha-Phellandrene	0.02
18.291	para-Cymene	0.04
18.611	Limonene	4.66
18.816	1,8-Cineole	0.82
19.702	trans-beta-Ocimene	0.02
20.501	gamma-Terpinene	0.02
22.337	Terpinolene	0.03
22.637	Unidentified + para-Cymenene	0.03
22.752	Rosefuran	0.05
23.299	Linalool	0.83
23.942	Unidentified	0.01
24.820	trans-para-Mentha-2,8-dienol	0.04
24.909	Unidentified	0.02
25.345	Unidentified	0.03
25.827	Unidentified	0.02
26.292	exo-Isocitral	0.16
26.679	Unidentified	0.02
26.923	Citronellal	0.88
27.549	cis-Chrysanthenol	0.70
28.122	Isoborneol	0.02
28.275	alpha-Phellandren-8-ol	0.07
28.655	Unidentified	0.01
28.858	trans-Isocitral	1.50
29.400	Unidentified	0.04
29.914	alpha-Terpineol	0.24
30.252	cis-Piperitol	0.12
30.716	Carveol isomer	0.08
31.471	trans-Piperitol	0.11
31.907	Nerol	0.30
32.074	Citronellol	0.09
32.888	Neral	37.22
33.675	Geraniol	0.81
33.917	Piperitone	0.09
34.922	Geranial	47.05
35.813	trans-Carvone oxide	0.04
39.307	Unidentified	0.05
39.983	Geranic acid	0.03
40.175	alpha-Terpinyl acetate	0.02
41.079	Unidentified	0.01
41.693	Unidentified	0.06
43.015	beta-Elemene	0.08
44.945	beta-Caryophyllene	0.54
47.196	alpha-Humulene	0.05
49.676	Bicyclogermacrene	0.05
54.825	Caryophyllene oxide	0.05
84.986	Unidentified	0.03
86.880	Unidentified	0.07
		100.00