

Sample Information

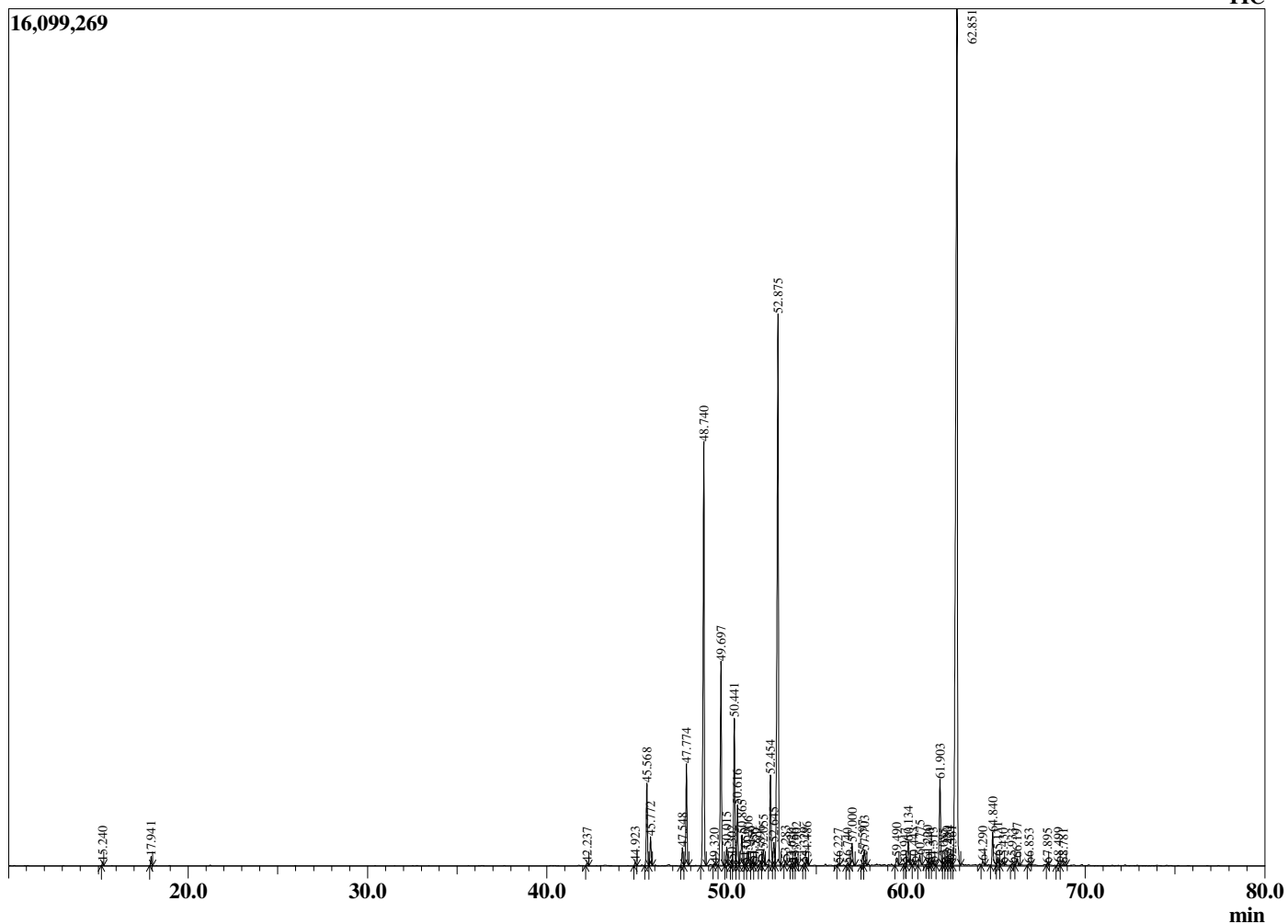
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/18/2018 3:14:37 PM
 Sample Type : Essential Oil
 Sample Name : Patchouli Oil, Light, Indonesia
 Sample ID : Barefut-0103
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
15.240	alpha-Pinene	0.08
17.941	beta-Pinene	0.19
42.237	delta-Elementene	0.08
44.923	alpha-Copaene	0.10
45.568	beta-Patchoulene	2.22
45.772	beta-Elementene	0.76
47.548	Cycloseychellene	0.49
47.774	beta-Caryophyllene	2.74
48.740	alpha-Guaiene	12.26
49.320	Sesquiterpene	0.04
49.697	Seychellene	5.77
50.015	alpha-Humulene	0.51
50.302	dehydro-Aromadendrene	0.13
50.441	alpha-Patchoulene	4.08
50.616	9-epi-Caryophyllene	1.61
50.865	gamma-Patchoulene	1.16
51.050	Sesquiterpene	0.05
51.206	beta-Chamigrene	0.42
51.459	gamma-Gurjunene	0.11
51.556	Germacrene D	0.06
51.896	delta-Selinene	0.14
52.055	beta-Selinene	0.46
52.454	Aciphyllene	2.80
52.645	Unidentified	0.71
52.875	delta-Guaiene	18.15
53.283	Unidentified	0.12
53.620	Unidentified	0.04
53.756	delta-Cadinene	0.05
53.902	alpha-Panasinene	0.21
54.329	Unidentified	0.06
54.486	Unidentified	0.21
56.227	Germacrene B	0.04
56.740	Unidentified	0.07
57.000	D Norpatchoulene	0.71
57.597	Caryophyllene oxide	0.29
57.703	Unidentified	0.45
59.490	Unidentified	0.32
59.947	Unidentified	0.06
60.134	Unidentified	0.82
60.443	Unidentified	0.06
60.775	Unidentified	0.33
61.220	Unidentified	0.13
61.340	Unidentified	0.05
61.513	Unidentified	0.07
61.903	Pogostol	2.64
62.085	Unidentified	0.06
62.280	Unidentified	0.11
62.424	Unidentified	0.25
62.561	Unidentified	0.14
62.851	Patchouli alcohol	35.58
64.290	Unidentified	0.14
64.840	Pogostone	1.02
65.131	Altantone isomer	0.27
65.430	Unidentified	0.09
65.933	Unidentified	0.05
66.197	Longifolol	0.21
66.853	Unidentified	0.05
67.895	Unidentified	0.05
68.499	Unidentified	0.09
68.781	Unidentified	0.07
		100.00

Chromatogram Patchouli Oil, Light, Indonesia



Comments:

The analysis of this Patchouli Oil, Light, Indonesia batch sample meets the expected chemical profile for authentic essential oil of *Pogostemon cablin*. No contamination or adulteration was detected.