

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/6/2019 11:14:52 AM
 Sample Type : Essential Oil
 Sample Name : Patchouli - Edens Garden
 Sample ID : AI26CJ
 Injection Volume : 0.10
 Instrument ID : GC-2

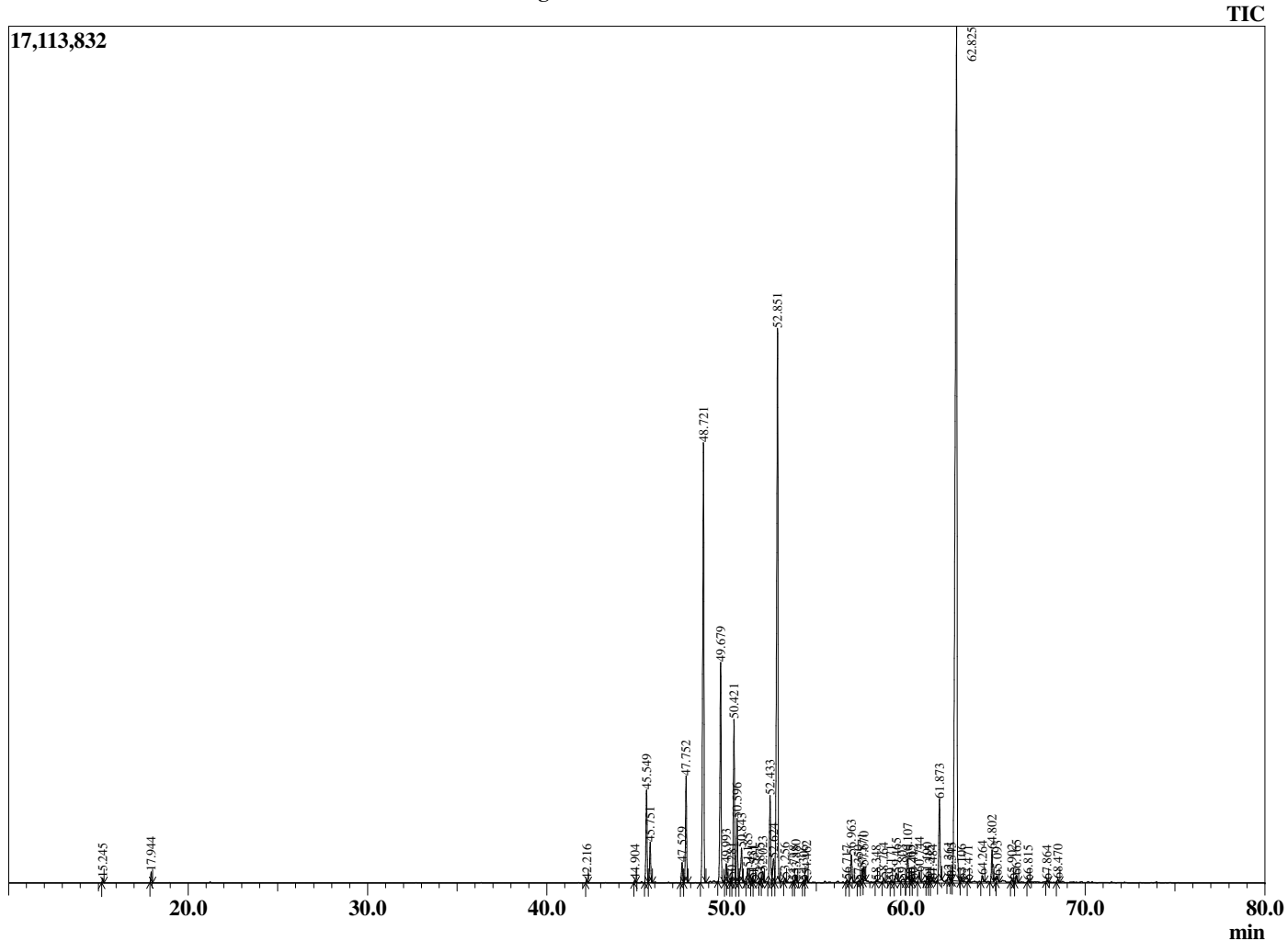


Peak Report TIC

R.Time	Name	Area%
15.245	alpha-Pinene	0.08
17.944	beta-Pinene	0.21
42.216	delta-Elemene	0.07
44.904	alpha-Copaene	0.05
45.549	beta-Patchoulene	2.45
45.751	beta-Elemene	1.04
47.529	Cycloseychellene	0.53
47.752	beta-Caryophyllene	2.81
48.721	alpha-Guaiene	12.75
49.679	Seychellene	6.23
49.993	alpha-Humulene	0.50
50.281	Unidentified	0.11
50.421	alpha-Patchoulene	4.39
50.596	Patchoulene isomer	1.66
50.843	9-epi-Caryophyllene isomer	1.19
51.185	beta-Chamigrene	0.37
51.431	Unidentified	0.08
51.531	Germacrene D	0.04
51.875	delta-Selinene	0.09
52.023	beta-Selinene	0.29
52.433	Aciphyllene	2.50
52.624	Unidentified	0.82
52.851	alpha-Bulnesene	17.50
53.256	Nootkatene	0.10
53.738	delta-Cadinene	0.03
53.880	(-)-alpha-Panasinsen	0.20
54.306	Unidentified	0.04
54.462	Nootkatene	0.17
56.717	Unidentified	0.06
56.963	D Norpatchoulenol	0.84
57.350	Unidentified	0.03
57.571	Caryophyllene oxide	0.37
57.670	Spathulenol	0.38
58.348	Unidentified	0.03
58.764	Unidentified	0.10
59.171	Humulene epoxide II	0.04
59.465	Unidentified	0.35
59.803	Unidentified	0.15
60.107	Unidentified	0.80
60.265	Unidentified	0.03
60.412	Unidentified	0.05
60.744	Pogostol isomer	0.31
61.190	Unidentified	0.11
61.315	Unidentified	0.04
61.484	Unidentified	0.06
61.873	Pogostol	2.35
62.361	Unidentified	0.12
62.545	Unidentified	0.06
62.825	Patchouli alcohol	35.70
63.106	14-Hydroxy-9-epi-cis-Caryophyllene	0.06
63.471	Unidentified	0.03
64.264	Unidentified	0.18
64.802	Pogostone	0.86
65.093	Altantone isomer	0.16
65.902	Unidentified	0.07
66.165	Longifolol	0.19
66.815	Altantone isomer	0.04
67.864	Unidentified	0.04
68.470	Unidentified	0.08
		100.00

This report is valid for 1 year from the analyzed date.

Chromatogram Patchouli - Edens Garden



Comments:

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