

Sample Information

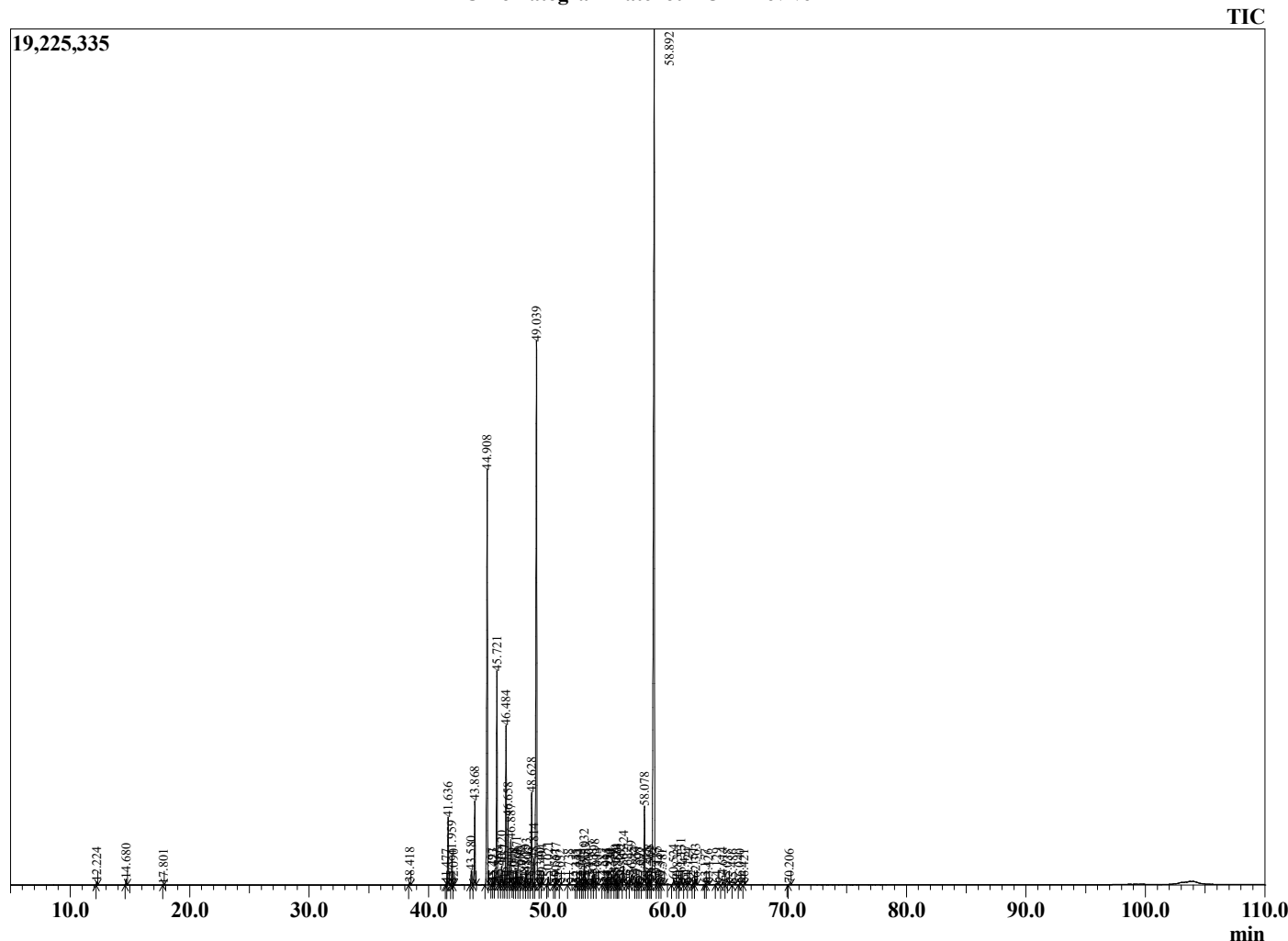
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/28/2023 4:47:20 PM
 Sample Type : Essential Oil
 Sample Name : Patchouli Oil - Revive
 Sample ID : 7A
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
12.224	alpha-Pinene	0.05
14.680	beta-Pinene	0.13
17.801	Limonene	0.01
38.418	delta-Elemene	0.06
41.477	Elemene isomer	0.02
41.636	beta-Patchoulene	1.89
41.959	beta-Elemene	0.84
42.090	Unidentified	0.02
43.580	Cycloseychellene	0.40
43.868	beta-Caryophyllene	2.40
44.908	alpha-Guaiene	12.41
45.297	epi-alpha-Patchoulene	0.03
45.423	beta-Guaiene	0.04
45.721	Seychellene	6.41
45.866	alpha-Selinene	0.07
46.120	alpha-Humulene	0.53
46.337	2,4-Patchouladiene	0.14
46.484	alpha-Patchoulene	4.70
46.658	9-epi-Caryophyllene isomer	1.93
46.887	9-epi-Caryophyllene isomer	1.33
47.009	Unidentified	0.01
47.216	Selina-4,11-diene	0.05
47.371	beta-Chamigrene	0.43
47.590	gamma-Gurjunene	0.11
47.692	Germacrene D	0.06
48.073	delta-Selinene	0.16
48.193	beta-Selinene	0.34
48.396	alpha-Selinene	0.03
48.628	Aciphyllene	2.85
48.814	Gurjunene isomer	0.86
49.039	alpha-Bulnesene	18.47
49.340	beta-Elemene	0.04
49.494	Eremophila-1(10),8,11-triene	0.14
50.021	alpha-Panasinsen	0.26
50.551	Unidentified	0.04
50.677	Nootkatene	0.19
51.032	Unidentified	0.02
51.738	alpha-Elemol	0.03
52.355	Germacrene B	0.03
52.442	Unidentified	0.04
52.733	Unidentified	0.02
52.911	Unidentified	0.06
53.032	Norpatchoulene	0.64
53.153	Pogostol	0.22
53.406	Unidentified	0.01
53.717	Caryophyllene oxide	0.30
53.898	Spathulenol	0.37
54.093	Unidentified	0.05
54.587	Unidentified	0.06
54.915	Unidentified	0.04
54.994	Unidentified	0.06
55.230	Unidentified	0.03
55.331	Humulene epoxide II	0.05
55.650	Unidentified	0.14
55.724	Unidentified	0.14
55.850	Unidentified	0.05
56.102	Unidentified	0.24
56.324	Unidentified	0.73
56.622	Caryophyllene oxide	0.07
56.959	Pogostol	0.32
57.357	Intermedeol	0.16
57.508	Palustrol	0.09

Chromatogram Patchouli Oil - Revive



Comments:

The analysis of this Patchouli batch sample meets the expected chemical profile for authentic essential oil of *Pogostemon cablin*. 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.

©Copyright 2023 by Essential Oil University. All rights reserved. Any publishing, copying, use, dissemination, or distribution of this report, including online, without the express written permission of Essential Oil University is strictly prohibited.

R.Time	Name	Area%
57.697	Unidentified	0.08
58.078	Pogostol	2.49
58.275	Unidentified	0.05
58.468	Unidentified	0.20
58.569	Unidentified	0.11
58.892	Patchouli alcohol	34.05
59.135	Unidentified	0.14
59.347	Unidentified	0.06
59.581	Unidentified	0.05
60.524	Unidentified	0.20
60.833	Unidentified	0.03
61.131	Pogostone	0.32
61.437	Altantone isomer	0.19
61.724	Unidentified	0.03
62.151	Unidentified	0.07
62.363	Longifolol	0.19
63.177	Unidentified	0.03
63.426	Unidentified	0.03
64.129	Unidentified	0.06
64.614	Unidentified	0.09
65.038	Unidentified	0.03
65.486	Unidentified	0.03
66.040	Unidentified	0.03
66.421	Unidentified	0.02
70.206	Corymbolone	0.02
		100.00