

Sample Information

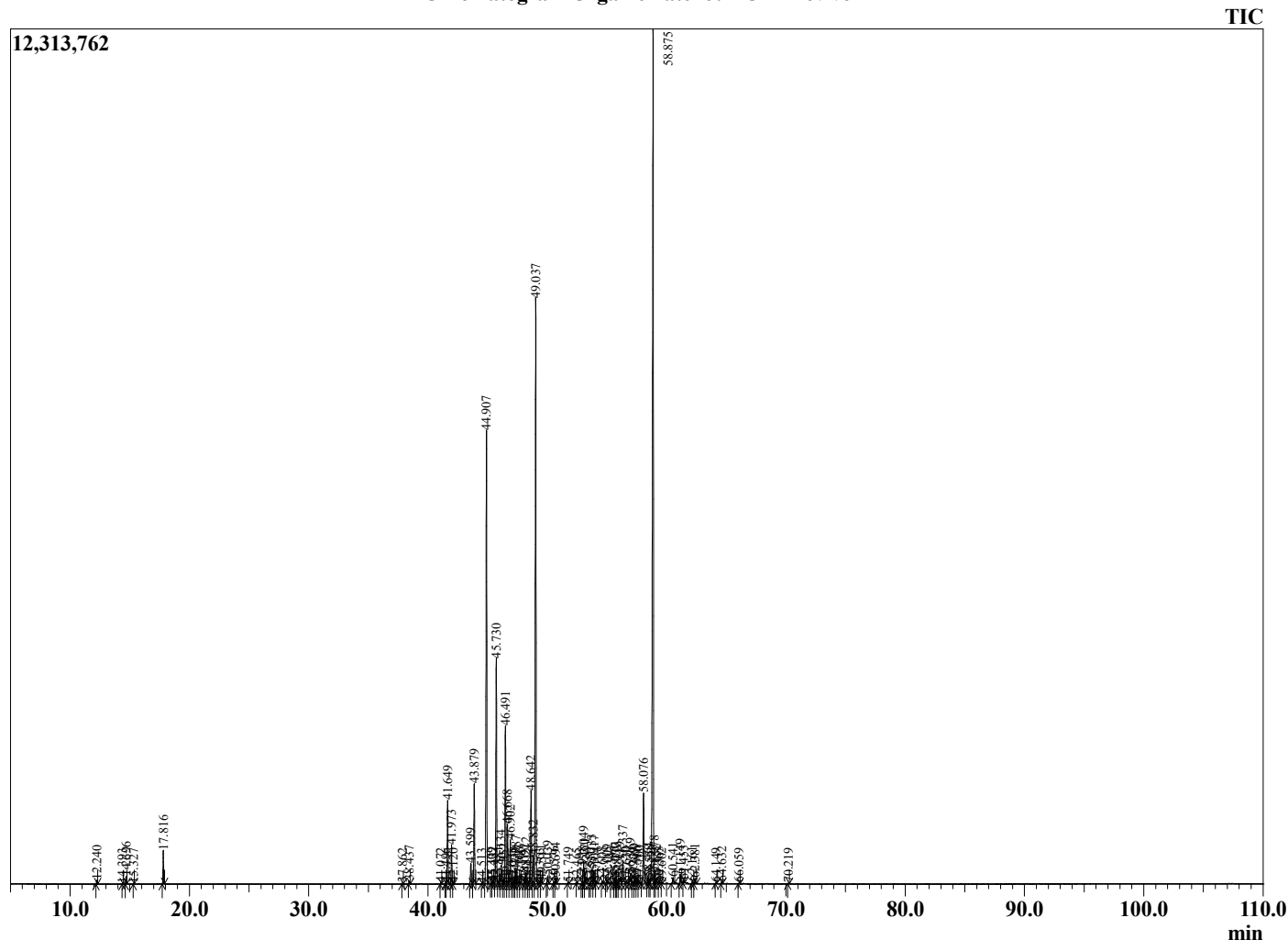
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 1/3/2023 8:40:46 PM
 Sample Type : Essential Oil
 Sample Name : Organic Patchouli Oil - Revive
 Sample ID : 4K
 Injection Volume : 0.10
 Instrument ID : GC-4



Peak Report TIC

R.Time	Name	Area%
4.140	unidentified	0.00
12.240	alpha-Pinene	0.07
14.393	Sabinene	0.01
14.696	beta-Pinene	0.16
15.327	Myrcene	0.01
17.816	Limonene	0.71
37.862	unidentified	0.02
38.437	delta-Elementene	0.09
41.072	unidentified	0.03
41.496	Elementene isomer	0.02
41.649	beta-Patchoulene	2.38
41.973	beta-Elementene	1.08
42.120	unidentified	0.02
43.599	Cycloseychellene	0.60
43.879	Beta-caryophyllene	2.87
44.513	unidentified	0.01
44.907	alpha-Guaiene	12.99
45.309	unidentified	0.03
45.432	Selina-5,11-diene	0.04
45.730	Seychellene	6.67
45.881	unidentified	0.05
46.134	alpha-Humulene	0.51
46.352	2,4-Patchouladiene	0.14
46.491	alpha-Patchoulene	4.65
46.668	9-epi-Caryophyllene isomer	1.73
46.902	9-epi-Caryophyllene isomer	1.27
47.035	unidentified	0.03
47.230	Selina-4,11-diene	0.03
47.387	beta-Chamigrene	0.40
47.607	gamma-Gurjunene	0.10
47.706	Germacrene D	0.04
48.092	delta-Selinene	0.14
48.212	beta-Selinene	0.34
48.412	Valencene	0.02
48.642	alpha-Guaiene	2.83
48.832	unidentified	0.94
49.037	alpha-Bulnesene	18.34
49.363	unidentified	0.03
49.511	Nootkatene	0.11
50.039	7-epi-alpha-Selinene	0.24
50.576	gamma-Vetivenene	0.07
50.694	unidentified	0.17
51.749	alpha-Elementol	0.03
52.465	unidentified	0.01
52.928	unidentified	0.07
53.049	Norpatchoulene	0.68
53.171	unidentified	0.31
53.580	unidentified	0.02
53.733	unidentified	0.46
53.917	unidentified	0.44
54.104	unidentified	0.05
54.608	unidentified	0.08
55.009	unidentified	0.11
55.343	Humulene epoxide II	0.07
55.670	unidentified	0.17
55.737	unidentified	0.17
55.872	unidentified	0.06
56.119	unidentified	0.31
56.337	unidentified	0.90
56.630	unidentified	0.09
56.969	unidentified	0.36
57.229	unidentified	0.06

Chromatogram Organic 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.

R.Time	Name	Area%
57.369	Juniper camphor	0.16
57.516	unidentified	0.09
57.700	unidentified	0.08
58.076	Pogostol	2.79
58.461	unidentified	0.21
58.558	unidentified	0.11
58.875	Patchouli alcohol	30.74
58.978	unidentified	0.29
59.152	unidentified	0.14
59.363	unidentified	0.05
59.602	unidentified	0.01
60.541	unidentified	0.21
61.149	Pogostone	0.25
61.453	Altantone isomer	0.06
62.161	unidentified	0.07
62.381	Longifolol	0.16
64.149	beta-Costol	0.02
64.632	unidentified	0.06
66.059	unidentified	0.01
70.219	unidentified	0.02
		100.00