

Sample Information

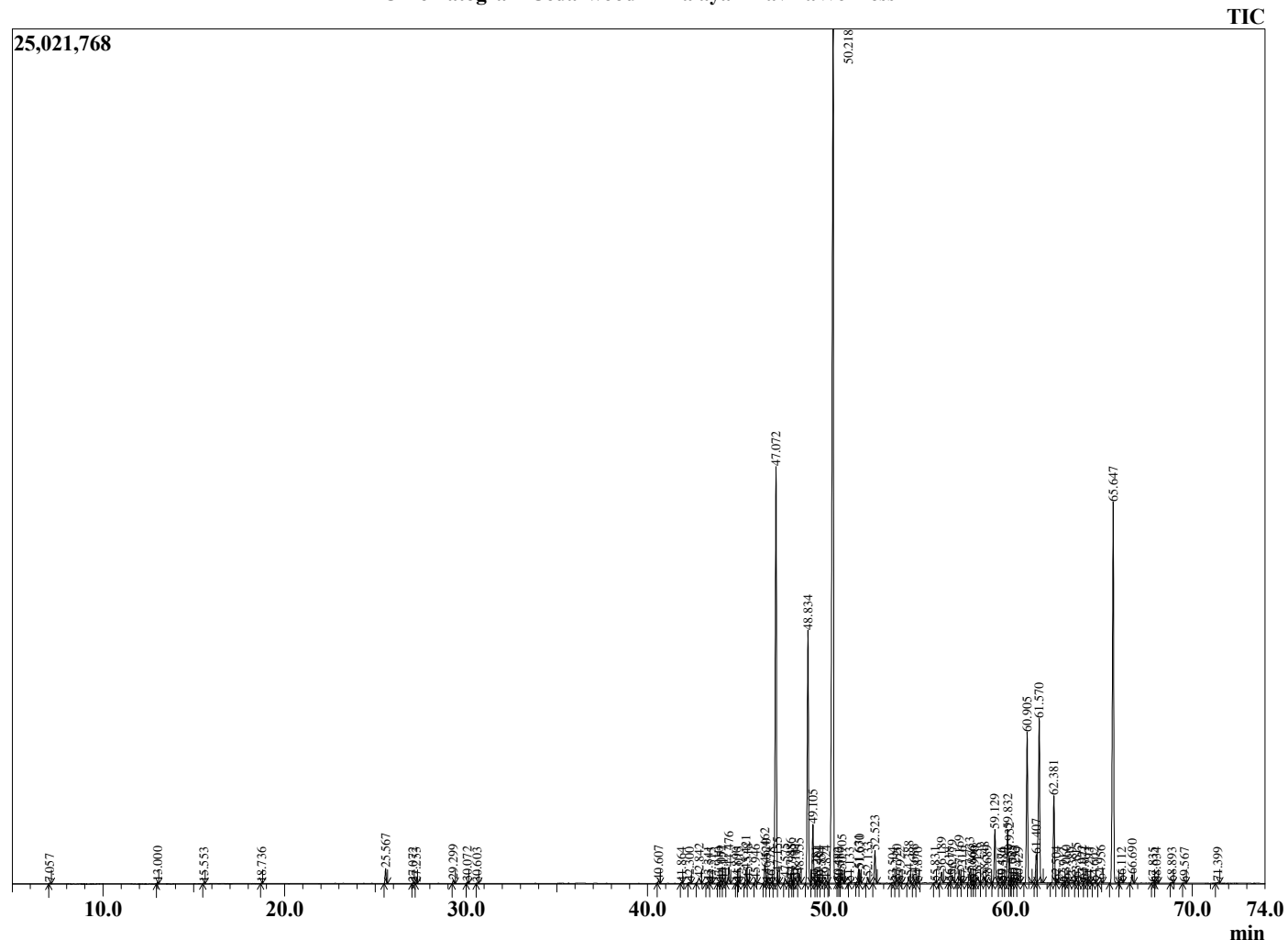
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 11/11/2020 4:41:56 AM
 Sample Type : Essential Oil
 Sample Name : Cedarwood Himalayan-DavinaWellness
 Sample ID : J0D1021H
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
7.057	Mesityl oxide	0.02
13.000	alpha-Pinene	0.04
15.553	beta-Pinene	0.02
18.736	Limonene	0.01
25.567	4-Acetyl-1-methylcyclohexene	0.40
27.072	Unidentified	0.02
27.253	Unidentified	0.01
29.299	4'-methyl acetophenone	0.09
30.072	alpha-Terpineol	0.04
30.603	Unidentified	0.01
40.607	alpha-Longipinene	0.09
41.864	alpha-Ylangene	0.02
42.300	alpha-Copaene	0.03
42.842	Unidentified	0.28
43.341	Sativene	0.06
43.515	Unidentified	0.02
43.910	Unidentified	0.02
44.052	alpha-Gurjunene	0.09
44.177	(Z)-Vestitenone	0.10
44.476	Junipene	0.49
44.890	Unidentified	0.01
45.015	beta-Ylangene	0.06
45.421	Himachala-2,4-diene	0.41
45.518	Unidentified	0.12
45.946	trans-alpha-Bergamotene	0.10
46.462	(E)-Vestitenone	0.62
46.520	Unidentified	0.15
46.778	Unidentified	0.02
47.072	alpha-Himachalene	13.41
47.155	(E)-beta-Farnesene	0.16
47.575	Unidentified	0.15
47.886	Unidentified	0.34
47.945	Unidentified	0.07
48.141	Unidentified	0.19
48.355	alpha-Neocallitropsene	0.29
48.834	gamma-Himachalene	8.17
49.105	11-alpha-H-Himachala-1,4-diene	1.78
49.281	10s,11s-Himachala-3(12),4-diene	0.04
49.404	(Z)-4,10-Epoxy amorphane	0.09
49.554	Unidentified	0.03
49.824	Unidentified	0.09
50.218	beta-Himachalene	33.99
50.482	Unidentified	0.01
50.580	Unidentified	0.01
50.705	alpha-dehydro-ar-Himachalene	0.44
51.133	Unidentified	0.03
51.631	gamma-dehydro-ar-Himachalene	0.39
51.670	Unidentified	0.35
52.133	gamma-Vetivenene	0.19
52.523	trans-alpha-Bisabolene	1.03
53.504	Unidentified	0.04
53.720	Nerolidol	0.11
53.922	Unidentified	0.03
54.388	Himachalene epoxide	0.21
54.686	Unidentified	0.11
54.870	Unidentified	0.03
55.831	Unidentified	0.03
56.189	Longiborneol	0.34
56.618	Unidentified	0.01
56.779	Himachalene oxide isomer	0.28
57.169	Himachalene oxide isomer	0.37
57.316	Unidentified	0.03

Chromatogram Cedarwood Himalayan-DavinaWellness



Comments:

The analysis of this Cedarwood, Himalayan batch sample meets the expected chemical profile for authentic essential oil of *Cedrus deodara*. 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%
57.733	Unidentified	0.38
57.866	Unidentified	0.09
57.990	Unidentified	0.06
58.138	Unidentified	0.24
58.548	Himachalol isomer	0.25
58.689	Unidentified	0.10
59.129	Himachalol isomer	1.71
59.476	Unidentified	0.02
59.584	Ar-tumerone	0.03
59.832	Deoderone isomer	1.81
59.932	Unidentified	0.73
60.085	beta-Bisabolol	0.08
60.235	alpha-Santalol	0.07
60.429	Unidentified	0.03
60.905	allo-Himachalol	4.74
61.407	Deodarone isomer	0.87
61.570	Deodarone isomer	5.95
62.381	(Z)-alpha-Atlantone	2.64
62.504	Unidentified	0.05
62.912	Unidentified	0.01
63.060	Unidentified	0.10
63.389	Unidentified	0.03
63.615	Unidentified	0.17
63.922	Unidentified	0.12
64.071	Unidentified	0.09
64.293	Unidentified	0.02
64.602	Unidentified	0.03
64.956	Unidentified	0.09
65.647	(E)-alpha-Atlantone	12.90
66.112	Unidentified	0.03
66.690	Unidentified	0.26
67.835	Unidentified	0.02
68.034	Unidentified	0.02
68.893	Unidentified	0.03
69.567	Unidentified	0.01
71.399	Unidentified	0.03
		100.00