

Sample Information

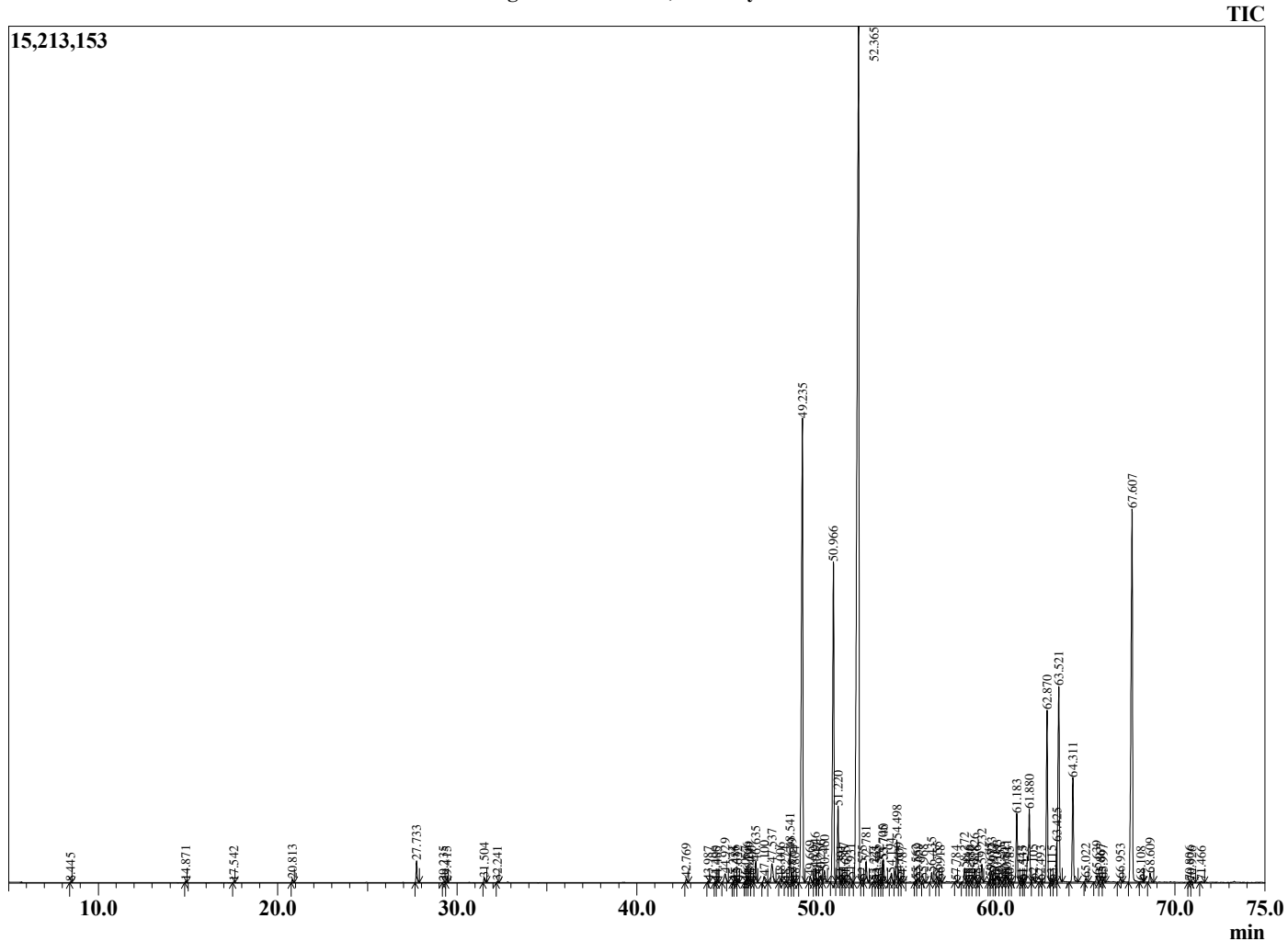
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 12/16/2020 9:39:49 PM  
 Sample Type : Essential Oil  
 Sample Name : Cedarwood, Himalayan - Revive  
 Sample ID : 0345  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
8.445	Mesityl oxide	0.01
14.871	alpha-Pinene	0.03
17.542	beta-Pinene	0.01
20.813	Limonene	0.06
27.733	4-Acetyl-1-methylcyclohexene	0.46
29.235	Unidentified	0.01
29.415	Unidentified	0.01
31.504	4-methyl-Acetophenone	0.10
32.241	alpha-Terpineol	0.03
42.769	alpha-Longipinene	0.09
43.987	alpha-Ylangene	0.03
44.400	alpha-Copaene	0.02
44.485	Unidentified	0.02
44.929	Unidentified	0.36
45.374	Unidentified	0.01
45.486	Sativene	0.07
45.632	Unidentified	0.03
46.057	Unidentified	0.02
46.166	alpha-Gurjunene	0.09
46.249	(Z)-Vestitenone	0.14
46.400	Unidentified	0.02
46.635	Junipene	0.49
47.100	Unidentified	0.18
47.537	Himachala-2,4-diene	0.68
48.006	trans-alpha-Bergamotene	0.10
48.274	Unidentified	0.01
48.541	(E)-Vestitenone	0.76
48.649	Himachalene isomer	0.22
48.804	Unidentified	0.03
49.235	alpha-Himachalene	13.61
49.669	Unidentified	0.16
49.946	Unidentified	0.35
50.047	Unidentified	0.10
50.256	di-epi-alpha-Cedrene	0.20
50.460	alpha-Neocallitropsene	0.32
50.966	gamma-Himachalene	8.39
51.220	11-aH-Himachala-1,4-diene	1.79
51.391	10s,11s-Himachala-3(12),4-diene	0.03
51.517	(Z)-4,10-Epoxy amorphane	0.09
51.635	Unidentified	0.01
51.931	Unidentified	0.10
52.365	beta-Himachalene	34.38
52.575	Unidentified	0.07
52.781	a-dehydro-ar-Himachalene	0.55
53.221	Unidentified	0.04
53.365	Unidentified	0.03
53.532	Unidentified	0.06
53.705	Unidentified	0.30
53.740	Unidentified	0.62
54.194	gamma-Vetivenene	0.23
54.498	(E)-alpha-Bisabolene	1.02
54.609	alpha-Calacorene	0.09
54.787	Longiverbenone	0.02
55.562	Unidentified	0.06
55.659	trans-Nerolidol	0.09
55.968	Unidentified	0.07
56.435	Himachalene epoxide	0.23
56.755	Unidentified	0.12
56.918	Unidentified	0.05
57.784	Unidentified	0.02
58.272	Longiborneol	0.37
58.446	Unidentified	0.03

Chromatogram Cedarwood, Himalayan - Revive



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%
58.586	Unidentified	0.04
58.826	beta-Himachalene oxide	0.37
58.946	Unidentified	0.03
59.232	Unidentified	0.46
59.695	Unidentified	0.08
59.773	Unidentified	0.31
59.914	Unidentified	0.10
60.083	Unidentified	0.24
60.251	Unidentified	0.09
60.503	Unidentified	0.13
60.611	alpha-Himachalol	0.24
60.785	Unidentified	0.03
61.183	beta-Himachalol	1.74
61.443	Unidentified	0.03
61.535	Ar-tumerone	0.02
61.880	(Z)-gamma-Atlantone	2.46
62.105	Unidentified	0.11
62.493	Unidentified	0.02
62.870	allo-Himachalol	4.32
63.115	Unidentified	0.02
63.425	Deodarone isomer	0.80
63.521	Deodarone isomer	5.66
64.311	(Z)-alpha-Atlantone	2.51
65.022	Unidentified	0.09
65.639	Unidentified	0.17
65.867	Unidentified	0.10
65.997	Unidentified	0.07
66.953	Unidentified	0.09
67.607	(E)-alpha-Atlantone	11.62
68.108	Unidentified	0.02
68.609	(E)-Vestitenone	0.23
70.806	Unidentified	0.03
70.926	Unidentified	0.03
71.466	Unidentified	0.03
		100.00