

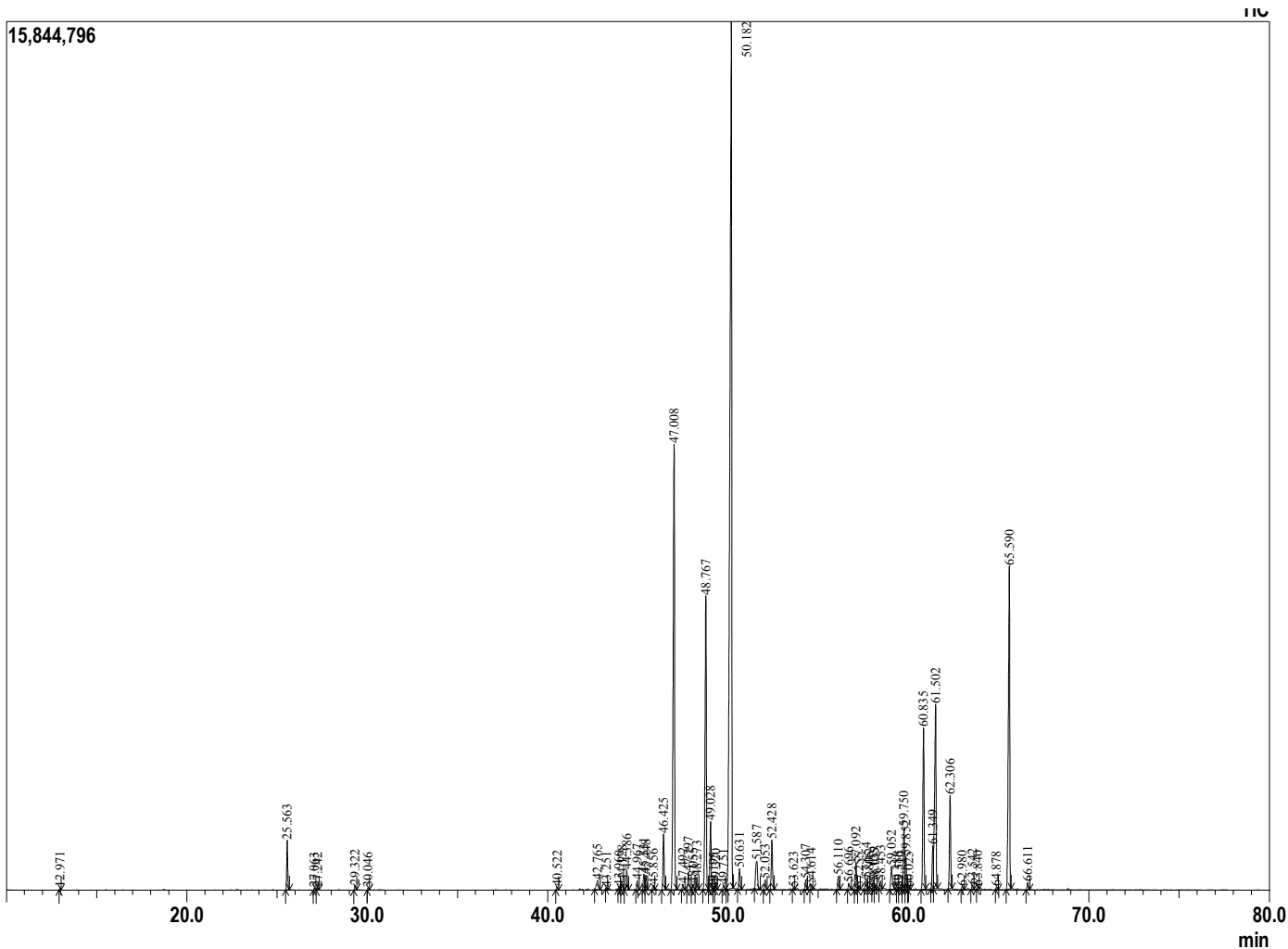
Sample Information

Analyzed by : Dr. Prabodh Satyal
 Analyzed : 3/30/2018 4:16:46 AM
 Sample Type : Essential Oil
 Sample Name : Cedarwood
 Lot# : 18000231
 Injection Volume : 0.10



Peak Report TIC

R.Time	Name	Area%
12.971	Pinene <alpha>	0.03
25.563	4-Acetyl-1-methylcyclohexene	1.08
27.063	1,4-Dimethyl-4-acetylcyclohexene	0.04
27.242	1,4-Dimethyl-d-3-tetrahydroacetophenone	0.04
29.322	Acetophenone <para-methyl->	0.10
30.046	Terpineol <alpha>	0.04
40.522	Longipinene<alpha->	0.07
42.765	Isolongofolene<4,5-dehydro>	0.42
43.251	Sativene<trans>	0.02
43.960	Sibirene	0.07
44.128	Vestitenone Z	0.22
44.386	Longifolene	0.50
44.967	Cedarwood	0.24
45.331	Himachala-2,4-diene	0.41
45.448	Cedarwood	0.37
45.856	Bergamotene <trans-alpha>	0.11
46.425	Vestitenone E	1.42
47.008	Himachalene <alpha>	13.82
47.492	Cedarwood	0.14
47.797	Cedarwood	0.53
48.055	Curcumene<gamma>	0.17
48.273	Sesquiterpene	0.33
48.767	Himachalene <gamma>	8.34
49.028	Himachala-1,4-diene<11-alphaH->	1.75
49.195	Gurjunene<gamma->	0.02
49.320	Amorphane<Z-4,10-epoxy>	0.12
49.751	Bicyclogermacrene	0.13
50.182	Himachalene <beta>	35.70
50.631	Himachalene<alpha-dehydro-ar>	0.56
51.587	Benzene, 1-(1-buten-3-yl)-4-pentyl-	1.15
52.053	Vetivenene <gamma>	0.28
52.428	Bisabolene <trans-alpha>	1.36
53.623	Nerolidol<E->	0.04
54.307	Himachalene epoxide	0.25
54.614	Cedarwood	0.13
56.110	Longiborneol	0.34
56.696	Himachalene oxide<beta->	0.19
57.092	Cedarwood	0.70
57.255	Cedarwood	0.04
57.654	Cedarwood	0.36
57.805	Cedarwood	0.03
58.059	Dihydroatlantone <cis-10,11>	0.18
58.135	Cedarwood	0.13
58.453	Cadin-4-en-7-ol<cis->	0.22
59.052	Himachalol<beta>	0.83
59.388	Cedarwood	0.04
59.510	Turmerone-Beta	0.05
59.750	Cedarwood	1.73
59.852	Dihydroatlantone <E-10, 11>	0.82
60.025	Cedarwood	0.07
60.835	Atlantone<Z-gamma>	4.43
61.349	Deodarone(4R,8R)	1.11
61.502	Atlantone<(E)-gamma->	6.06
62.306	Atlantone<Z-alpha>	2.38
62.980	Cedarwood	0.08
63.542	Vetiselinol	0.12
63.840	Cedarwood	0.06
64.878	Costol<beta->	0.05
65.590	Atlantone <E-alpha>	9.75
66.611	Cedarwood	0.19
		100.00



Comments:
 The analysis of this Himalayan Cedarwood batch sample meets the expected chemical profile of authentic essential oil of Cedrus deodora wood.

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Reviewed by: Dr. Prabodh Satyal