

Sample Information

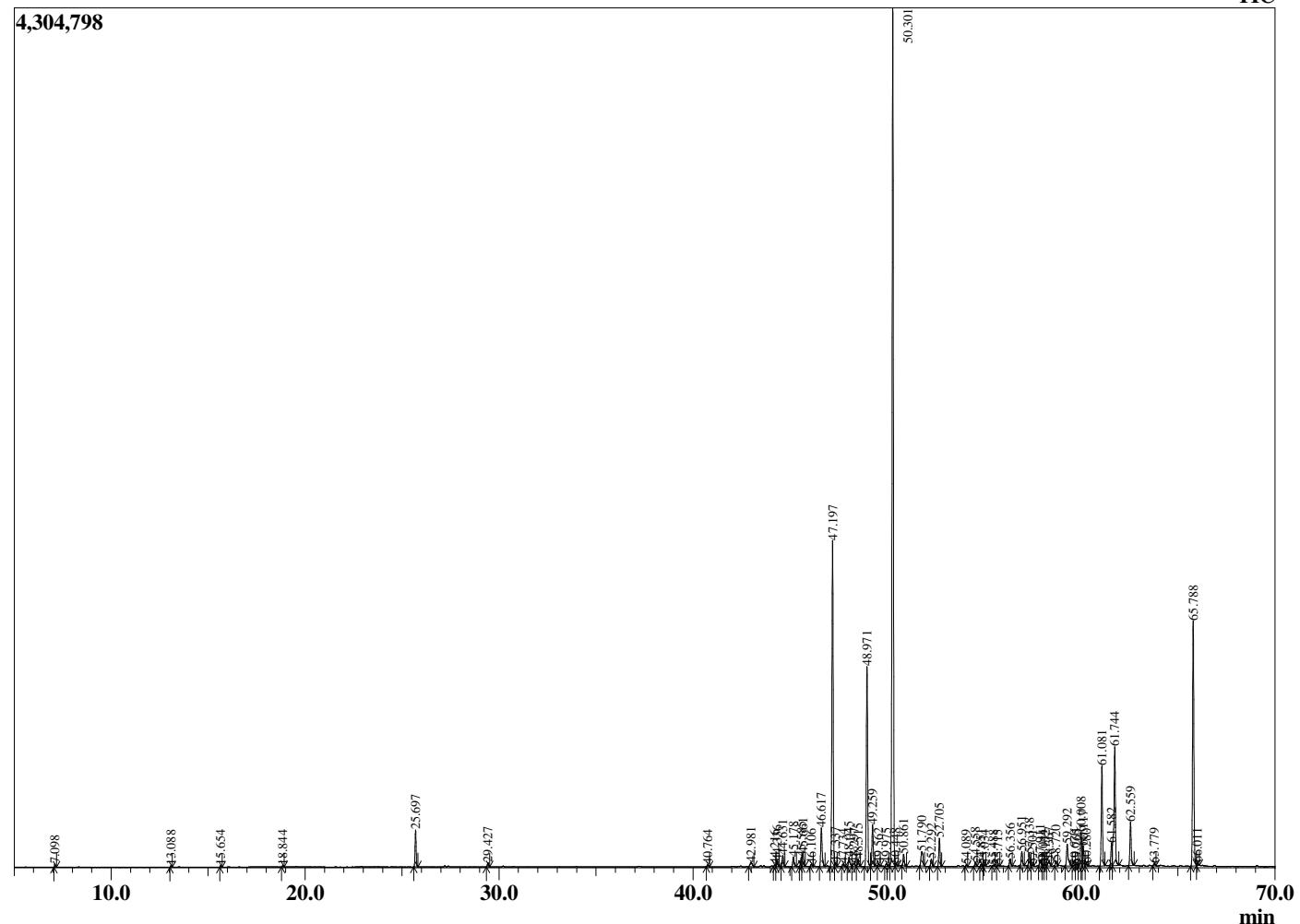
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 11/19/2019 6:39:42 PM
 Sample Type : Essential Oil
 Sample Name : Himalayan Cedarwood - Edens Garden
 Sample ID : AI07KF
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
7.098	Mesityl oxide	0.09
13.088	alpha-Pinene	0.04
15.654	beta-Pinene	0.05
18.844	Limonene	0.04
25.697	4-Acetyl-1-methylcyclohexene	1.29
29.427	4'-Methylacetophenone	0.16
40.764	alpha-Longipinene	0.09
42.981	4,5-Dehydroisoolongifolene	0.28
44.216	alpha-Gurjunene	0.07
44.336	Unidentified	0.23
44.631	Junipene	0.48
45.178	Unidentified	0.42
45.585	Unidentified	0.34
45.661	Unidentified	0.59
46.106	trans-alpha-Bergamotene	0.11
46.617	E-Vestitenone	1.73
47.197	alpha-Himachalene	13.47
47.337	trans-beta-Farnesene	0.15
47.734	Unidentified	0.12
48.045	Unidentified	0.47
48.297	Unidentified	0.18
48.515	alpha-Neocallitropsene	0.31
48.971	gamma-Himachalene	8.39
49.259	11-alpha-H-Himachala-1,4-diene	1.73
49.562	(Z)-4,10-Epoxy amorphane	0.12
49.975	Unidentified	0.14
50.301	beta-Himachalene	35.67
50.448	Unidentified	0.12
50.861	alpha-Dehydro-ar-Himachalene	0.48
51.790	Unidentified	0.95
52.292	9,10-Cycloisolongifolene	0.32
52.705	trans-alpha-Bisabolene	1.13
54.089	Unidentified	0.06
54.558	Unidentified	0.18
54.851	Unidentified	0.09
55.034	Unidentified	0.04
55.488	Unidentified	0.06
55.715	Unidentified	0.06
56.356	Longiborneol	0.31
56.951	Unidentified	0.65
57.338	beta-Himachalene oxide	0.55
57.501	Unidentified	0.05
57.911	Unidentified	0.32
58.044	Unidentified	0.05
58.172	Unidentified	0.05
58.367	Unidentified	0.29
58.720	alpha-Acorenol	0.23
59.292	beta-Himachalol	1.20
59.670	Unidentified	0.05
59.765	Unidentified	0.07
60.008	Unidentified	1.47
60.117	Unidentified	0.89
60.280	Unidentified	0.11
61.081	allo-Himachalol	4.18
61.582	(4R,8R)-Deodarone	0.89
61.744	(4R,8S)-Deodarone	6.12
62.559	(Z)-alpha-Atlantone	1.82
63.779	Unidentified	0.10
65.788	(E)-alpha-Atlantone	10.25
66.011	Unidentified	0.12
		100.00

Chromatogram Himalayan Cedarwood - Edens Garden



Comments:

The analysis of this Himalayan Cedarwood 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.