

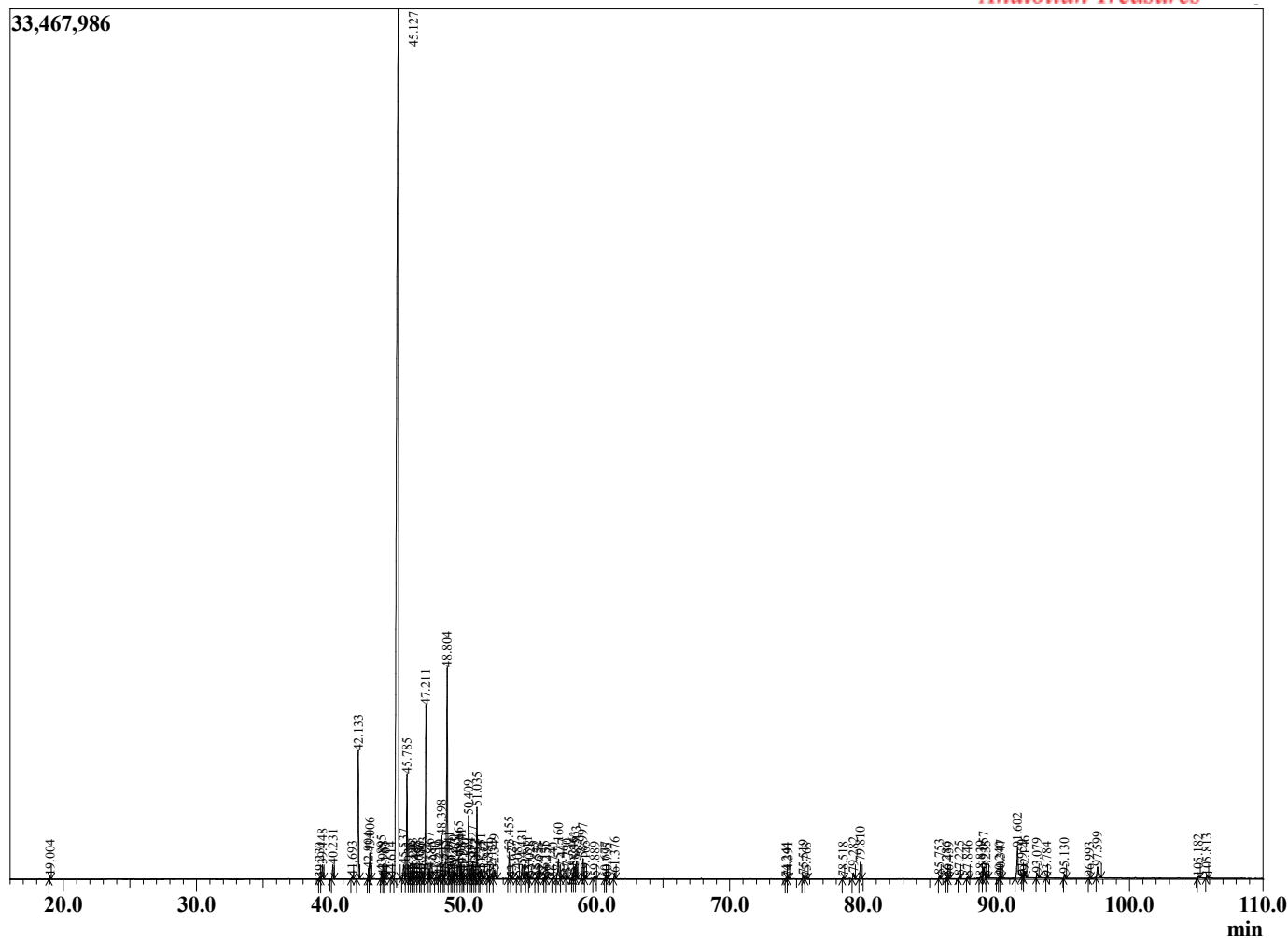
Sample Information

Sample Type : Essential Oil
Sample Name : *Copaifera langsdorffii*
Injection Volume : 0.10

Copaiba
Lot#SMW11-WE
Country: South America



Chromatogram *Copaifera langsdorffii*



Peak Report TIC

R.Time	Name	Area%
19.004	cis-beta-Ocimene	0.08
39.230	delta-Elemene isomer	0.04
39.448	delta-Elemene	0.42
40.231	alpha-Cubebene	0.43
41.693	alpha-Ylangene	0.08
42.133	alpha-Copaene	3.93
42.904	beta-Cubebene	0.31
43.006	beta-Elemene	0.81
43.895	Cyperene	0.27
43.988	cis-beta-Caryophyllene	0.06
44.160	beta-Maaliene	0.03
44.614	cis-alpha-Bergamotene	0.04
45.127	beta-Caryophyllene	55.28
45.537	gamma-Elemene	0.54
45.785	trans-alpha-Bergamotene	3.18
45.935	Unidentified	0.02
46.126	beta-Copaene	0.07
46.243	cis-beta-Farnesene	0.16
46.438	Unidentified	0.08
46.657	epi-beta-Santalene	0.06
46.786	trans-Murrola-3,5-diene	0.04
46.993	trans-beta-Farnesene	0.19
47.211	alpha-Humulene	5.60
47.467	9-epi-(E)-Caryophyllene	0.31
47.585	cis-Cadina-1(6),4-diene	0.03
47.930	Unidentified	0.04
48.210	10-beta-H-Cadina-1(6),4-diene	0.11
48.398	trans-Cadina-1(6),4-diene	1.47
48.545	gamma-Curcumene	0.08
48.804	Germacrene D	7.12
48.941	Unidentified	0.39
49.137	Unidentified	0.06
49.270	delta-Selinene	0.24
49.465	trans-Murola-4(14),5-diene	0.29
49.665	Bicyclogermacrene	0.82
49.841	alpha-Murolene	0.47
49.957	cis-alpha-Bisabolene	0.21
50.130	delta-Amorphene	0.19
50.409	beta-Bisabolene	1.96
50.594	cis-gamma-Bisabolene	0.14
50.727	gamma-Cadinene	0.53
50.872	Unidentified	0.13
51.035	delta-Cadinene	2.24
51.224	trans-Calamenene	0.04
51.351	beta-Sesquiphellandrene	0.39
51.532	trans-gamma-Bisabolene	0.03
51.881	trans-Cadina-1,4-diene	0.10
52.139	alpha-Cadinene	0.16
52.349	trans-alpha-Bisabolene	0.35
53.455	Germacrene B	0.81
53.627	Unidentified	0.03
54.087	Maaliol	0.09
54.431	Caryophyllene alcohol	0.47
54.811	Caryophyllene oxide	0.25
55.028	Globulol	0.08
55.532	Viridiflorol	0.09

R.Time	Name	Area%
55.658	Cubeban-11-ol	0.02
56.135	Ledol	0.08
56.251	Rosifoliol	0.02
56.740	1,10-di-epi-Cubenol	0.02
57.160	Humulane-1,6-dien-3-ol	0.81
57.447	1-Epicubenol	0.13
57.790	Unidentified	0.13
58.246	tau-Cadinol	0.16
58.353	epi-alpha-Cadinol	0.40
58.503	delta-Cadinol	0.52
58.997	alpha-Cadinol	0.71
59.165	Intermedeol	0.07
59.889	epi-beta-Bisabolol	0.10
60.677	epi-alpha-Bisabolol	0.03
60.795	alpha-Bisabolol	0.02
61.376	Juniper camphor	0.17
74.244	Unidentified	0.02
74.391	Unidentified	0.06
75.519	Unidentified	0.11
75.768	Unidentified	0.03
78.518	Unidentified	0.05
79.282	Manool	0.22
79.810	Kolavelool isomer	0.56
85.753	Unidentified isomer 1	0.12
86.286	Unidentified isomer 1	0.04
86.439	Unidentified isomer 1	0.04
87.225	Unidentified	0.08
87.846	Unidentified	0.08
88.839	Unidentified	0.08
89.057	Kolavelool isomer	0.57
89.235	Unidentified	0.07
90.240	Unidentified	0.03
90.347	Unidentified	0.10
91.602	Copalic acid	1.62
91.959	Kolavelool isomer	0.02
92.146	Kolavelool isomer	0.23
93.079	Kolavelool isomer	0.19
93.784	Kolavelool isomer	0.02
95.130	Unidentified	0.13
96.993	Unidentified	0.03
97.599	Unidentified	0.50
105.182	Unidentified	0.08
105.813	Unidentified	0.09
		100.00