

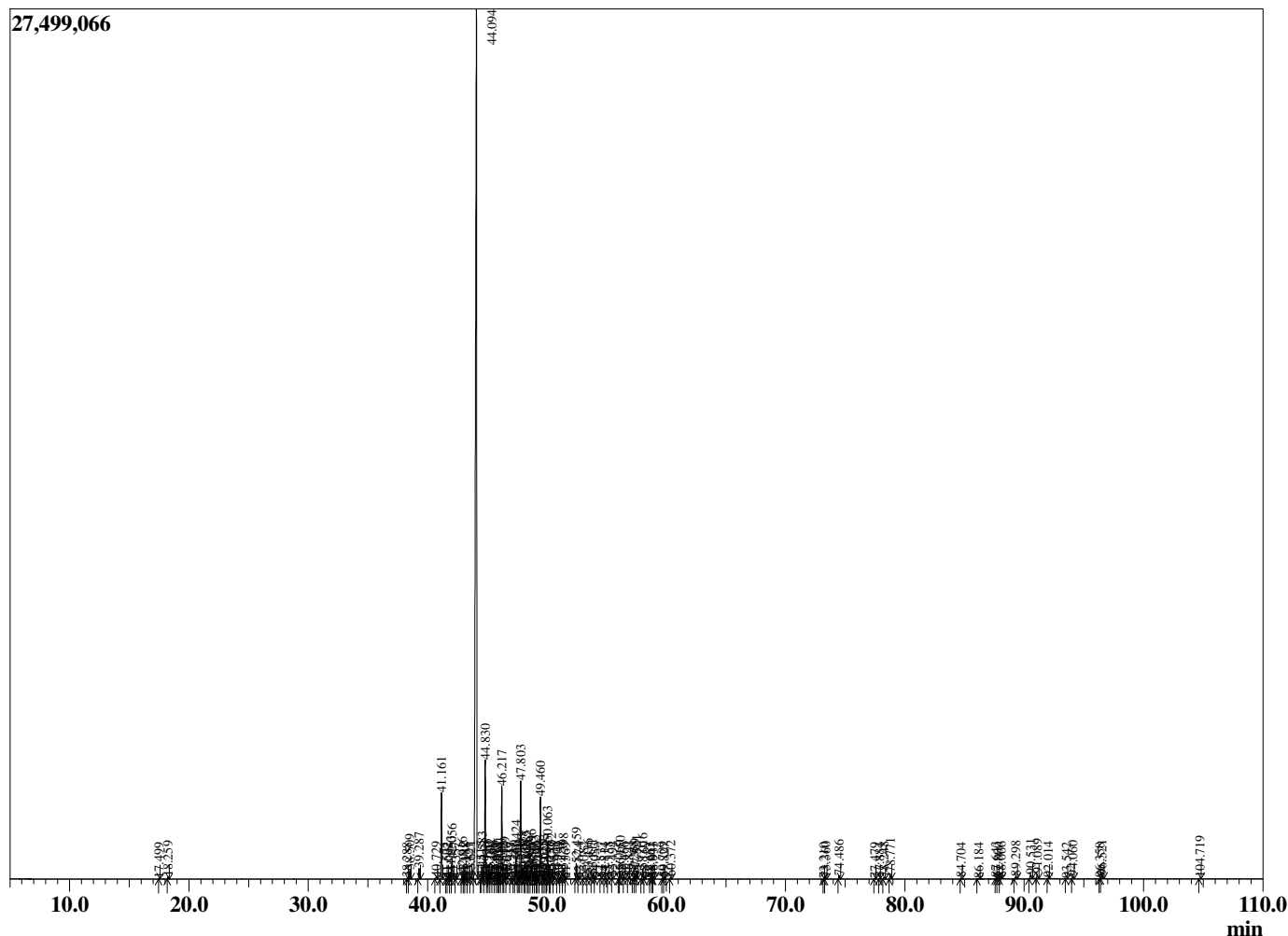
Sample Information

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

Copaiba
Lot# SMX10-XC
Country: South America



Chromatogram *Copaifera langsdorfii*



Peak Report TIC		
R.Time	Name	Area%
17.499	1-para-Menthene	0.01
18.259	(Z)-beta-Ocimene	0.07
38.288	Elemene analog	0.03
38.509	delta-Elemene	0.38
39.287	alpha-Cubebene	0.46
40.729	alpha-Ylangene + Isoledene	0.10
41.161	alpha-Copaene	3.70
41.572	Elemene analog	0.01
41.692	Unidentified	0.01
41.953	beta-Cubebene	0.30
42.056	beta-Elemene	0.85
42.357	Unidentified	0.01
42.916	Cyperene	0.27
43.012	cis-beta-Caryophyllene	0.07
43.188	alpha-Gurjunene	0.03
43.421	Unidentified	0.04
43.621	cis-alpha-Bergamotene	0.10
44.094	trans-beta-Caryophyllene	61.39
44.515	Unidentified	0.05
44.583	gamma-Elemene	0.55
44.830	trans-alpha-Bergamotene	5.23
44.970	Unidentified	0.02
45.140	Aromadendrene	0.07
45.292	(Z)-beta-Farnesene	0.20
45.466	beta-Humulene	0.05
45.689	epi-beta-Santalane	0.10
45.813	trans-Murrola-3,5-diene	0.03
45.918	Unidentified	0.02
46.061	(E)-beta-Farnesene	0.27
46.217	alpha-Humulene	4.07
46.342	Sesquisabinene	0.03
46.479	Alloaromadendrene	0.25
46.610	Unidentified	0.02
46.943	Unidentified	0.03
47.240	10-beta-H-Cadina-1(6),4-diene	0.08
47.424	trans-Cadina-1(6),4-diene	1.07
47.599	gamma-Curcumene	0.08
47.710	alpha-Amorphene	0.11
47.803	Germacrene D	4.35
47.978	trans-beta-Bergamotene	0.55
48.168	delta-Selinene	0.04
48.285	beta-Selinene	0.56
48.445	Vridiflorene	0.07
48.499	trans-Murrola-4(14),5-diene	0.15
48.696	Bicyclogermacrene	0.79
48.875	alpha-Murolene	0.33
49.013	cis-alpha-Bisabolene	0.35
49.140	delta-Amorphene	0.07
49.240	Unidentified	0.08
49.460	beta-Bisabolene	3.53
49.630	(Z)-gamma-Bisabolene	0.14
49.753	gamma-Cadinene	0.38
49.934	Cubebol + Unidentified	0.14
50.063	delta-Cadinene	1.66
50.255	trans-Calamenene	0.03
50.402	Zonarene + beta-Sesquiphellandrene	0.50
50.578	(E)-gamma-Bisabolene	0.04

R.Time	Name	Area%
50.904	trans-Cadina-1,4-diene	0.07
51.158	alpha-Cadinene	0.12
51.398	trans-alpha-Bisabolene	0.46
51.569	Sesquisabinene hydrate isomer	0.02
52.459	Germacrene B	0.70
52.674	Unidentified	0.03
53.082	Unidentified	0.06
53.436	Caryophyllene alcohol	0.24
53.811	Caryophyllene oxide	0.21
54.033	Globulol	0.03
54.537	Viridiflorol	0.03
54.814	Unidentified	0.01
55.138	Ledol	0.05
55.494	Unidentified	0.06
56.060	Unidentified	0.08
56.150	Humulane-1,6-dien-3-ol	0.36
56.466	Epicubenol	0.06
56.841	Unidentified	0.08
57.268	tau-Cadinol	0.12
57.369	epi-alpha-Cadinol	0.23
57.521	delta-Cadinol	0.34
58.016	alpha-Cadinol	0.52
58.169	Intermedeol	0.06
58.662	trans-Bisabolol-11-ol	0.01
58.841	Unidentified	0.03
58.933	beta-Bisabolol	0.04
59.709	epi-alpha-Bisabolol	0.05
59.827	alpha-Bisabolol	0.03
60.372	Juniper camphor	0.10
73.210	Thunbergol	0.02
73.360	Unidentified	0.06
74.486	Unidentified	0.16
77.479	Unidentified	0.03
77.884	Unidentified	0.03
78.248	Manool	0.09
78.771	Unidentified	0.26
84.704	Unidentified	0.04
86.184	Unidentified	0.03
87.643	Unidentified	0.04
87.800	Unidentified	0.02
88.066	Unidentified	0.09
89.298	Methyl copalate analog	0.14
90.531	Unidentified	0.23
91.089	Unidentified	0.22
92.014	Unidentified	0.04
93.542	Unidentified	0.02
94.060	Unidentified	0.12
96.358	Unidentified	0.02
96.521	Unidentified	0.16
104.719	Unidentified	0.03
		100.00