

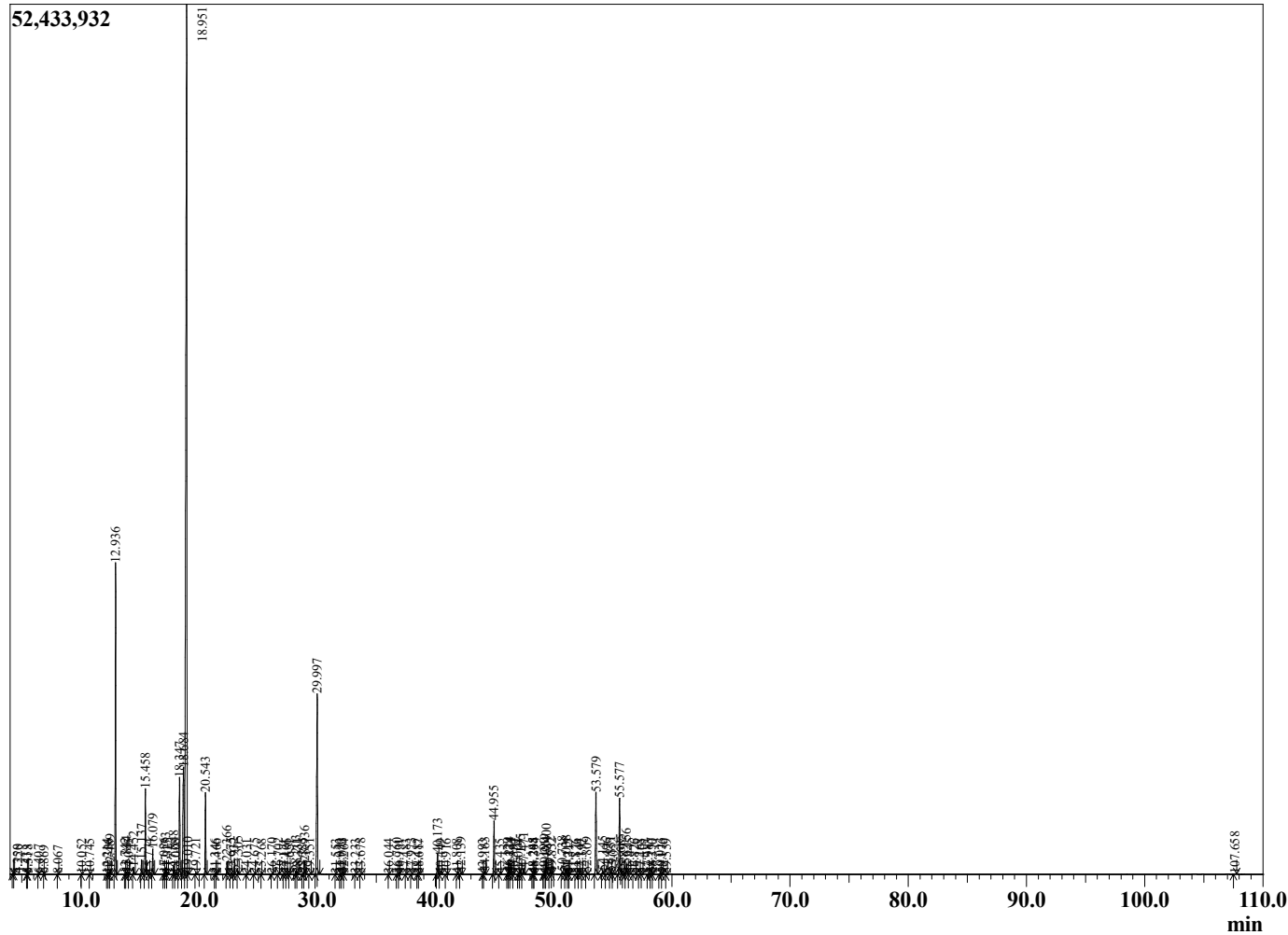
Sample Information

Sample Type : Essential Oil
 Sample Name : Melaleuca quinquenervia
 Injection Volume : 0.10

Niaouli Quinquenervia
 Lot# MAE10-EE
 Country: Madagascar



Chromatogram Melaleuca quinquenervia



R.Time	Name	Area%
4.228	3-Methylbutanal	0.00
4.350	Unidentified	0.00
5.433	Isopentyl alcohol	0.01
5.518	Unidentified	0.00
6.407	Methyl 2-methylbutyrate	0.01
6.869	Isopropyl ketone	0.00
8.067	Isovaleric acid	0.00
10.052	2-Methylbutyl acetate	0.01
10.745	Styrene	0.00
12.214	Hashishene	0.00
12.336	Tricyclene	0.01
12.489	alpha-Thujene	0.13
12.936	alpha-Pinene	9.25
13.742	alpha-Fenchene	0.01
13.844	Camphene	0.07
14.045	Thuja-2,4(10)-diene	0.00
14.452	Benzaldehyde	0.21
15.137	Sabinene	0.44
15.458	beta-Pinene	2.51
15.774	6-Methyl hept-5-en-2-one	0.00
16.079	Myrcene	0.76
17.026	Pseudolimonene	0.04
17.173	alpha-Phellandrene	0.21
17.325	delta-3-Carene	0.01
17.848	alpha-Terpinene	0.26
18.008	meta-Cymene	0.01
18.347	para-Cymene	3.80
18.684	Limonene	6.51
18.951	1,8-Cineole	50.77
19.010	(Z)-beta-Ocimene	0.05
19.721	(E)-beta-Ocimene	0.03
20.543	gamma-Terpinene	2.72
21.346	cis-Linalool oxide (furanoid)	0.01
21.466	Pinol	0.01
22.366	Terpinolene	0.44
22.675	para-Cymenene	0.02
22.932	Methyl benzoate	0.02
23.305	Linalool	0.09
24.031	cis-Rose oxide	0.01
24.675	Fenchyl alcohol	0.02
25.268	alpha-Fenchol	0.00
26.170	trans-Pinocarveol	0.02
26.702	Isopulegol	0.03
27.171	Camphene hydrate	0.01
27.406	Neoisopulegol	0.01
27.651	Pinocarvone	0.00
28.203	delta-Terpineol	0.12
28.331	Borneol	0.02
28.785	Unidentified	0.02
28.936	Terpinen-4-ol	0.46
29.351	para-Cymen-8-ol	0.02
29.997	alpha-Terpineol	8.04
31.553	trans-Carveol	0.00
31.930	Nerol	0.00
32.073	Unidentified	0.03
32.264	Unidentified	0.00

R.Time	Name	Area%
33.233	Unidentified	0.01
33.678	Geraniol	0.02
36.044	Bornyl acetate	0.00
36.760	Methyl thiobenzoate	0.02
36.931	Unidentified	0.01
37.483	Unidentified	0.00
37.973	delta-Terpinyl acetate	0.02
38.482	Unidentified	0.00
38.617	Myrtenyl acetate	0.01
40.173	alpha-Terpinyl acetate	0.78
40.449	Eugenol	0.02
40.916	Unidentified	0.01
41.808	Isoedene	0.00
42.139	alpha-Copaene	0.06
43.993	cis-beta-Caryophyllene	0.00
44.163	alpha-Gurjunene	0.08
44.955	trans-beta-Caryophyllene	2.13
45.435	Aromadendrene	0.01
46.129	Unidentified	0.03
46.224	6,9-Guanidiene	0.07
46.334	Unidentified	0.01
46.594	Selina-5,11-diene	0.01
47.004	Valerna-4,7(11)-diene	0.01
47.195	alpha-Humulene	0.16
47.471	Alloaromadendrene	0.25
48.245	Unidentified	0.01
48.288	Selina-4,11-diene	0.02
48.394	trans-Cadina-1(6),4-diene	0.02
49.190	Unidentified	0.01
49.269	beta-Selinene	0.18
49.400	Viridiflorene	0.61
49.712	alpha-Selinene	0.11
49.852	alpha-Murolene	0.02
50.738	gamma-Cadinene	0.10
51.038	delta-Cadinene	0.13
51.215	trans-Calamenene	0.01
51.317	Zonarene	0.01
51.876	Unidentified	0.01
52.144	alpha-Cadinene	0.01
52.392	Unidentified	0.01
52.809	alpha-Elemol	0.05
53.579	(E)-Nerolidol	3.44
54.145	Palustrol	0.12
54.496	Unidentified	0.02
54.831	Caryophyllene oxide	0.11
55.052	Globulol	0.05
55.577	Viridiflorol	3.33
55.685	Guaiol	0.03
55.897	Unidentified	0.01
56.156	Ledol	0.42
56.445	Humulene epoxide II	0.01
56.826	Unidentified	0.02
57.268	Unidentified	0.01
57.463	Epicubenol	0.01
57.983	Unidentified	0.01
58.257	tau-Cadinol	0.03
58.370	epi-alpha-Cadinol	0.01
59.013	alpha/beta-Eudesmol	0.06
59.176	Unidentified	0.01
59.559	Bulnesol	0.01
107.658	Unidentified	0.02

100.00