

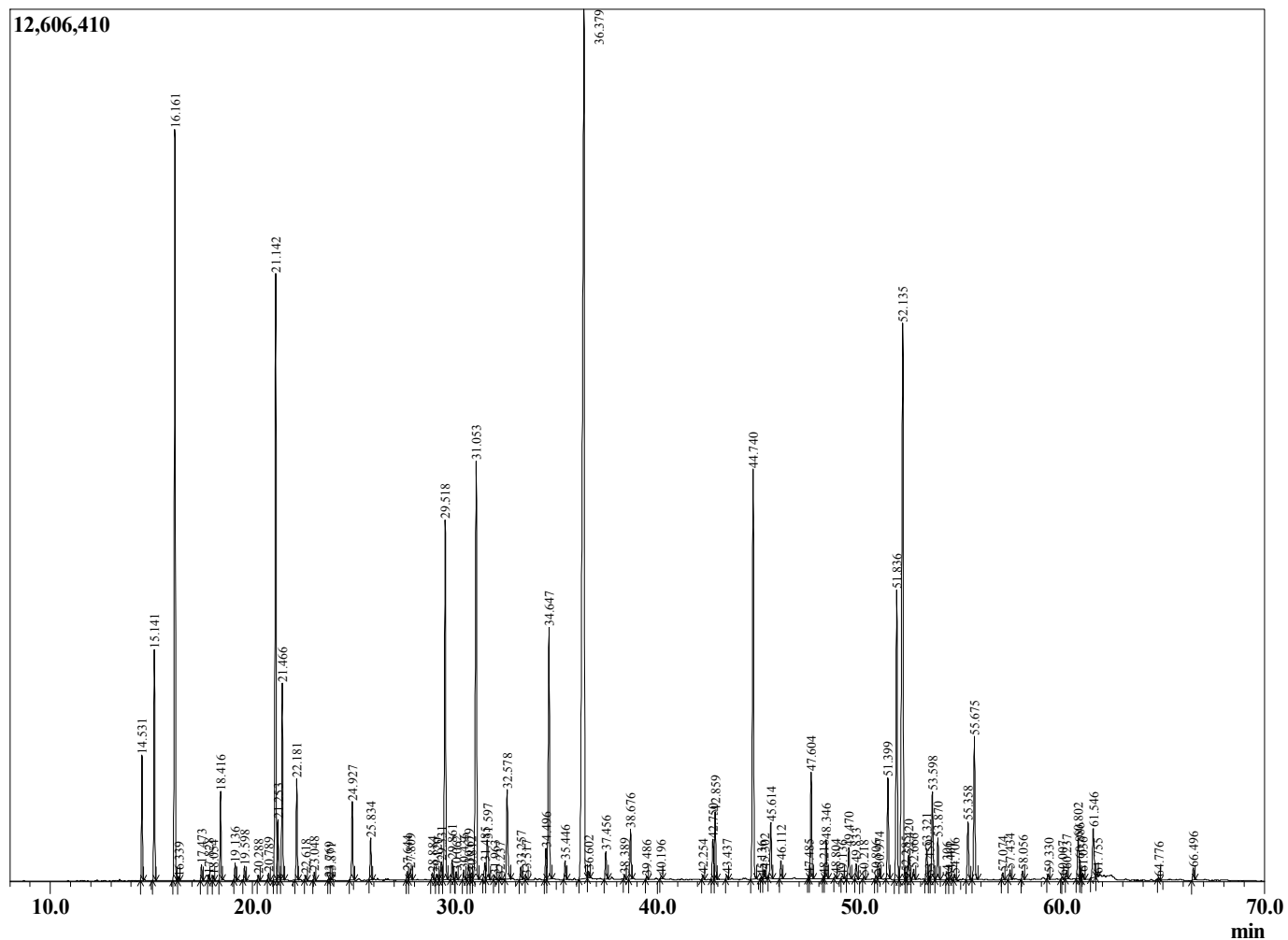
Sample Information

Sample Type : Essential Oil
 Sample Name : Cymbopogon nardus

Citronella Ceylon
 Lot# CER7-RT
 Country: Ceylon



Chromatogram Cymbopogon nardus



R.Time	Name	Area%
14.531	Tricyclene	1.25
15.141	alpha-Pinene	2.31
16.161	Camphene	8.08
16.339	Thuja-2,4(10)diene	0.03
17.473	Sabinene	0.16
17.828	beta-Pinene	0.06
18.054	6-Methyl hept-5-en-2-one	0.05
18.416	Myrcene	0.92
19.136	2-Carene	0.18
19.598	alpha-Phellandrene	0.15
20.288	alpha-Terpinene	0.05
20.789	para-Cymene	0.08
21.142	Limonene	7.37
21.253	beta-Phellandrene	0.67
21.466	cis-beta-Ocimene	2.18
22.181	trans-beta-Ocimene	1.11
22.618	2,6-Dimethyl-5-heptenal (Melonal)	0.06
23.048	gamma-Terpinene	0.09
23.769	1-Octanol	0.03
23.871	trans-Sabinene hydrate	0.02
24.927	Terpinolene	0.95
25.834	Linalool	0.49
27.644	cis-para-Menth-2-en-1-ol	0.10
27.809	allo-Ocimene	0.19
28.884	trans-para-Menth-2-en-1-ol	0.09
29.120	trans-Verbenol	0.07
29.331	Isopulegol	0.28
29.518	Citronellal	4.70
29.861	trans-beta-Terpineol	0.24
30.062	Isosopulegol	0.11
30.436	Isoborneol	0.13
30.679	Unidentified	0.20
30.812	Unidentified	0.09
31.053	Borneol	6.30
31.485	Unidentified	0.26
31.597	Terpinen-4-ol	0.72
31.963	para-Cymen-8-ol	0.06
32.237	Unidentified	0.03
32.578	alpha-Terpineol	1.32
33.257	Decanal	0.16
33.517	cis-Piperitol	0.04
34.496	Nerol	0.41
34.647	Citronellol	3.42
35.446	Neral	0.23
36.379	Geraniol	18.90
36.602	Piperitone	0.10
37.456	Geranial	0.35
38.389	Unidentified	0.06
38.676	Bornyl acetate	0.64
39.486	Geranyl formate	0.04
40.196	Unidentified	0.04
42.254	Citriodiol	0.06
42.750	alpha-Terpinyl acetate	0.52
42.859	Citronellyl acetate	0.88
43.437	Neryl acetate	0.05
44.740	Geranyl acetate	5.56

R.Time	Name	Area%
45.136	beta-Elemene isomer	0.02
45.302	beta-Bourbonene	0.12
45.614	beta-Elemene	0.78
46.112	Methyleugenol	0.23
47.485	beta-Ylangene	0.04
47.604	beta-Caryophyllene	1.44
48.218	beta-Copaene	0.03
48.346	trans-alpha-Bergamotene	0.51
48.804	trans-beta-Farnesene	0.04
49.136	Unidentified	0.05
49.470	cis-Methyl isoeugenol	0.47
49.833	alpha-Humulene	0.21
50.218	cis-Cadina-1(6),4-diene	0.03
50.806	10-beta-H-Cadina-1(6),4-diene	0.05
50.974	trans-Cadina-1(6),4-diene	0.15
51.399	Germacrene D	1.37
51.836	(Z,Z)-alpha-Farnesene	4.10
52.135	trans-Methyl isoeugenol	9.51
52.285	Unidentified	0.12
52.420	alpha-Murolene	0.35
52.666	(E,E)-alpha-Farnesene	0.15
53.321	gamma-Cadinene	0.42
53.459	Cubebol	0.04
53.598	delta-Cadinene	1.19
53.870	Citronellyl butyrate	0.58
54.306	Neryl butyrate	0.02
54.461	trans-Cadine-1,4-diene	0.03
54.706	alpha-Cadinene	0.07
55.358	Elemol	0.79
55.675	Geranyl butyrate	1.90
57.074	Germacren D-4-ol	0.09
57.434	Caryophyllene oxide	0.13
58.056	Unidentified	0.12
59.330	Unidentified	0.07
60.007	1-epi-Cubenol	0.03
60.237	gamma-Eudesmol	0.12
60.802	Muurolol <alpha> (=Torreyol) + (E)-Isoelem	0.63
60.886	epi-alpha-Cadinol	0.22
61.036	delta-Cadinol	0.08
61.546	alpha-Cadinol	0.87
61.755	Unidentified	0.04
64.776	Unidentified	0.02
66.496	Geranyl hexanoate	0.16
		100.00