

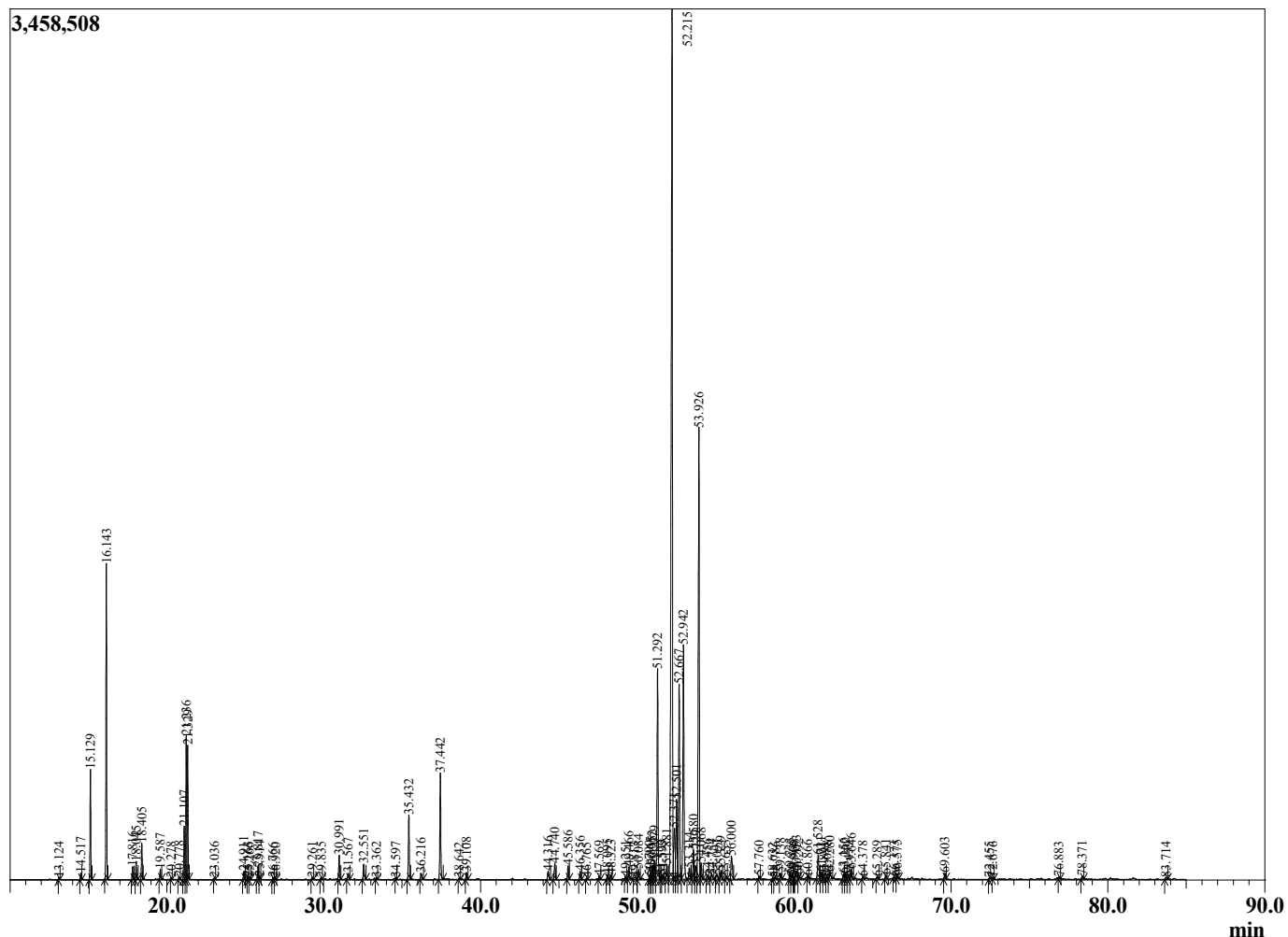
Sample Information

Sample Type : Essential Oil
Sample Name : Zingiber officinale
Injection Volume : 0.10

Ginger Fresh Madagascar
Lot# MAX11-XC
Country: Madagascar



Chromatogram Zingiber officinale



Peak Report TIC

R.Time	Name	Area%
13.124	2-Heptanol	0.04
14.517	Tricyclene	0.13
15.129	alpha-Pinene	2.08
16.143	Camphene	6.30
17.816	beta-Pinene	0.26
18.045	6-Methyl hept-5-en-2-one	0.38
18.405	Myrcene	0.73
19.587	alpha-Phellandrene	0.22
20.278	alpha-Terpinene	0.03
20.778	para-Cymene	0.06
21.107	Limonene	1.19
21.236	beta-Phellandrene	3.20
21.329	1,8-Cineole	2.72
23.036	gamma-Terpinene	0.03
24.911	Terpinolene	0.18
25.163	2-Nonanone	0.05
25.266	Rosefuran	0.04
25.817	Linalool	0.31
25.914	2-Nonanol	0.06
26.766	Unidentified	0.04
26.920	Unidentified	0.03
29.261	Camphor	0.05
29.835	trans-beta-Terpineol	0.05
30.991	Borneol	0.59
31.567	Terpinen-4-ol	0.16
32.551	alpha-Terpineol	0.42
33.362	Unidentified	0.04
34.597	Citronellol	0.04
35.432	Neral	1.57
36.216	Geraniol	0.18
37.442	Geranial	2.64
38.642	Bornyl acetate	0.03
39.108	2-Undecanone	0.17
44.316	Cyclosativene	0.28
44.740	alpha-Copaene	0.44
45.586	beta-Elementene	0.34
46.356	Sesquithujene isomer	0.21
46.765	Dodecanal	0.03
47.569	beta-Caryophyllene	0.08
48.095	gamma-Elementene	0.13
48.323	trans-alpha-Bergamotene	0.10
49.251	Unidentified	0.06
49.466	trans-beta-Farnesene	0.32
49.813	alpha-Humulene	0.08
50.084	Alloaromadendrene	0.25
50.790	10-beta-H-Cadina-1(6),4-diene	0.08
50.865	Selina-4,11-diene	0.15
50.952	trans-Cadina-1(6),4-diene	0.41
51.079	gamma-Curcumene	0.53
51.292	Ar-Curcumene	5.88
51.523	Unidentified	0.09
51.599	4,5-di-epi-Aristolochene	0.11
51.881	beta-Selinene	0.42
52.215	alpha-Zingiberene	30.03
52.371	alpha-Selinene	1.79
52.501	trans-Murola-4(14),5-diene	2.21

R.Time	Name	Area%
52.667	(E,E)-alpha-Farnesene	5.15
52.942	beta-Bisabolene	6.61
53.314	gamma-Cadinene	0.30
53.580	delta-Cadinene	0.77
53.729	(-)-alpha-Panasinsen	0.37
53.926	beta-Sesquiphellandrene	12.59
54.068	trans-gamma-Bisabolene	0.40
54.456	trans-Cadina-1,4-diene	0.12
54.754	Unidentified	0.15
55.091	Unidentified	0.20
55.329	Elemol	0.22
55.653	cis-Sesquisabinene hydrate	0.09
56.000	trans-Nerolidol	0.83
57.760	trans-Sesquisabinene hydrate	0.07
58.632	Unidentified	0.04
58.786	Unidentified	0.05
59.138	Zingiberenol	0.16
59.733	gamma-Eudesmol	0.16
59.865	Unidentified	0.15
59.966	Unidentified	0.07
60.153	Unidentified	0.41
60.292	alpha-Acorenol	0.14
60.866	alpha-Cadinol	0.09
61.528	alpha-Eudesmol	0.80
61.721	Unidentified	0.21
61.891	Unidentified	0.05
62.088	Unidentified	0.06
62.280	beta-bisabolol	0.26
63.156	11-alpha-H-Himachal-4-en-1-beta-ol	0.15
63.262	alpha-Bisabolol	0.17
63.459	Unidentified	0.07
63.646	Unidentified	0.29
64.378	(2E,6E)-Farnesol	0.07
65.289	Unidentified	0.06
65.841	Farnesal	0.10
66.373	Unidentified	0.04
66.575	Unidentified	0.08
69.603	Unidentified	0.15
72.455	Unidentified	0.04
72.676	Unidentified	0.03
76.883	geranyl-para-Cymene	0.05
78.371	geranyl-alpha-Terpinene	0.09
83.714	Unidentified	0.07
		100.00