

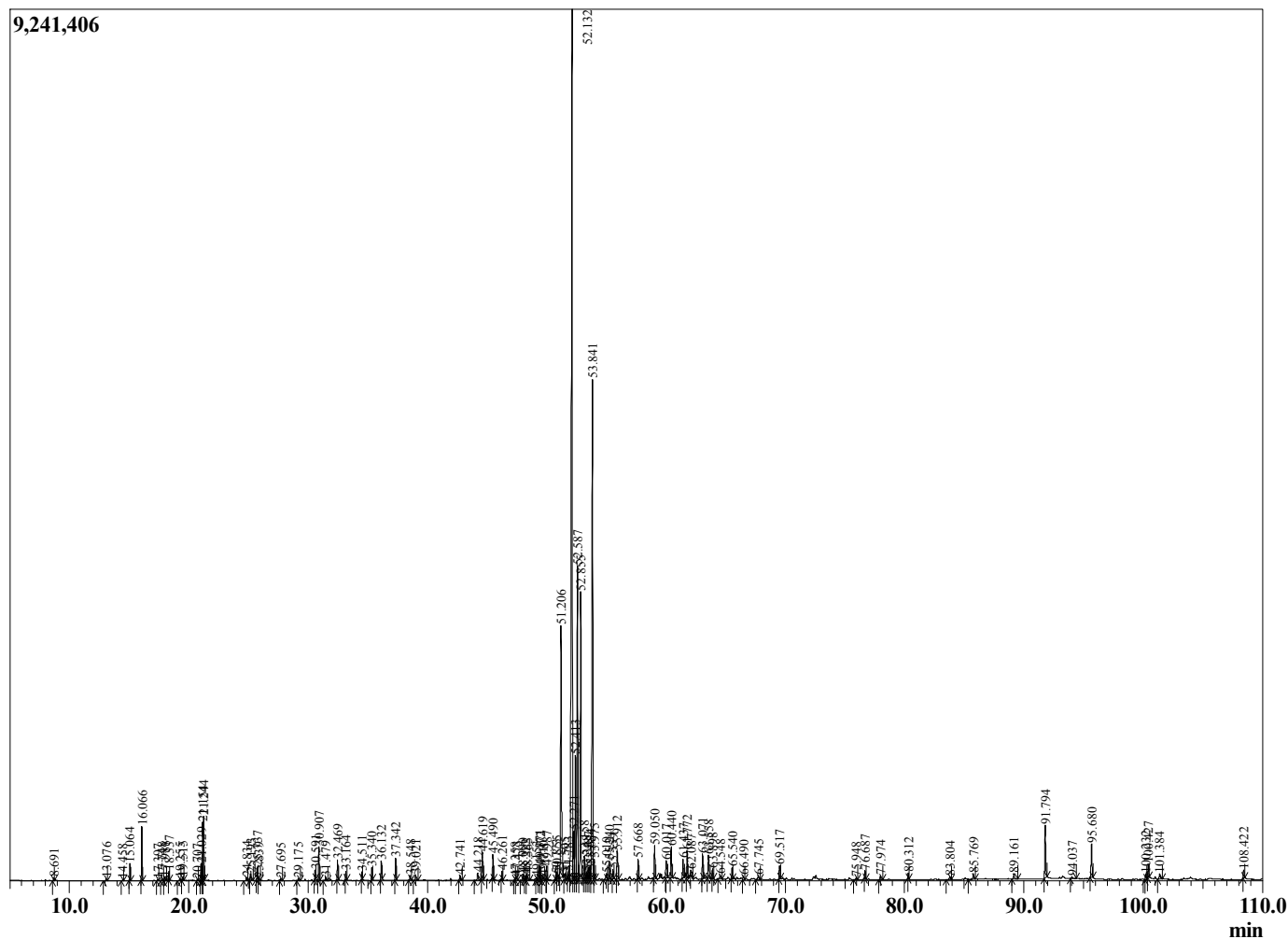
Sample Information

Analyzed : 6/9/2020 7:42:46 PM
 Sample Type : Essential Oil
 Sample Name : Zingiber officinale
 Injection Volume : 0.10

Ginger CO2
 Lot# IDZ01-ZT
 Country: India



Chromatogram Zingiber officinale



Peak Report TIC	R.Time	Name	Area%
	8.691	Hexanal	0.07
	13.076	2-Heptanol	0.05
	14.458	Tricyclene	0.02
	15.064	alpha-Pinene	0.30
	16.066	Camphene	1.01
	17.397	Sabinene	0.02
	17.748	beta-Pinene	0.06
	17.988	6-Methyl-5-hepten-2-one	0.08
	18.337	Myrcene	0.16
	19.255	Octanal	0.06
	19.515	alpha-Phellandrene	0.06
	20.707	para-Cymene	0.02
	21.029	Limonene	0.33
	21.154	beta-Phellandrene	1.22
	21.244	1,8-Cineole	1.25
	24.834	Terpinolene	0.08
	25.193	Rosefuran	0.15
	25.737	Linalool	0.25
	25.839	2-Nonanol	0.05
	27.695	trans-2-Pinanol	0.03
	29.175	Camphor	0.06
	30.591	Unidentified	0.20
	30.907	Borneol	0.74
	31.479	Terpinen-4-ol	0.08
	32.469	alpha-Terpineol	0.46
	33.164	Decanal	0.19
	34.511	Citronellol	0.15
	35.340	Neral	0.28
	36.132	Geraniol	0.45
	37.342	Geranial	0.49
	38.548	Bornyl acetate	0.13
	39.021	2-Undecanone	0.14
	42.741	Citronellyl acetate	0.11
	44.218	Cyclosativene	0.23
	44.619	alpha-Copaene	0.89
	45.490	beta-Elemene	0.56
	46.261	7-epi-Sesquithujene	0.18
	47.358	alpha-Santalene	0.05
	47.473	trans-beta-Caryophyllene	0.10
	48.000	gamma-Elemene	0.16
	48.222	trans-alpha-Bergamotene	0.09
	48.365	Unidentified	0.17
	49.153	Unidentified	0.08
	49.371	(E)-beta-Farnesene	0.31
	49.472	Unidentified	0.29
	49.710	alpha-Humulene	0.10
	49.987	Alloaromadendrene	0.31
	50.773	Unidentified	0.13
	50.855	trans-Cadina-1(6),4-diene	0.11
	51.206	Ar-Curcumene	7.85
	51.505	Unidentified	0.15
	51.783	beta-Selinene	0.14
	52.132	alpha-Zingiberene	30.38
	52.271	alpha-Selinene	1.39
	52.413	Unidentified	3.34
	52.587	(E,E)-alpha-Farnesene	7.95

R.Time	Name	Area%
52.855	beta-Bisabolene	7.53
53.158	gamma-Cadinene	0.56
53.348	Cubedol	0.16
53.487	delta-Cadinene	0.26
53.634	alpha-Panasinsene	0.35
53.841	beta-Sesquiphellandrene	14.05
53.975	(E)-gamma-Bisabolene	0.46
55.010	Unidentified	0.18
55.240	Elemol	0.43
55.559	cis-Sesquisabinene hydrate	0.21
55.912	(E)-Nerolidol	0.99
57.668	trans-Sesquisabinene hydrate	0.49
59.050	Unidentified	0.80
60.017	Unidentified	0.59
60.440	Zingerone	0.74
61.437	alpha-Eudesmol	0.57
61.772	Ar-Turmerone	0.68
62.087	Turmerone	0.25
63.071	7-epi-trans-Sesquisabinene hydrate	0.64
63.558	Unidentified	0.72
63.898	Curlone	0.22
64.548	Unidentified	0.15
65.540	Zerumbone	0.27
66.490	Unidentified	0.11
67.745	Unidentified	0.15
69.517	Unidentified	0.32
75.948	Unidentified	0.06
76.687	Geranyl-p-cymene	0.18
77.974	Geranyl-alpha-terpinene	0.09
80.312	Unidentified	0.13
83.804	Unidentified	0.11
85.769	Unidentified	0.12
89.161	[6]-Paradol	0.16
91.794	[6]-Shoagol	1.51
94.037	Unidentified	0.07
95.680	[6]-Gingerol	0.98
100.232	[8]-Shoagol	0.18
100.427	Diacetoxy-6-gingerdiol	0.36
101.384	Methyl diacetoxy-6-gingerdiol	0.21
108.422	[10]-Shoagol	0.23
		100.00