

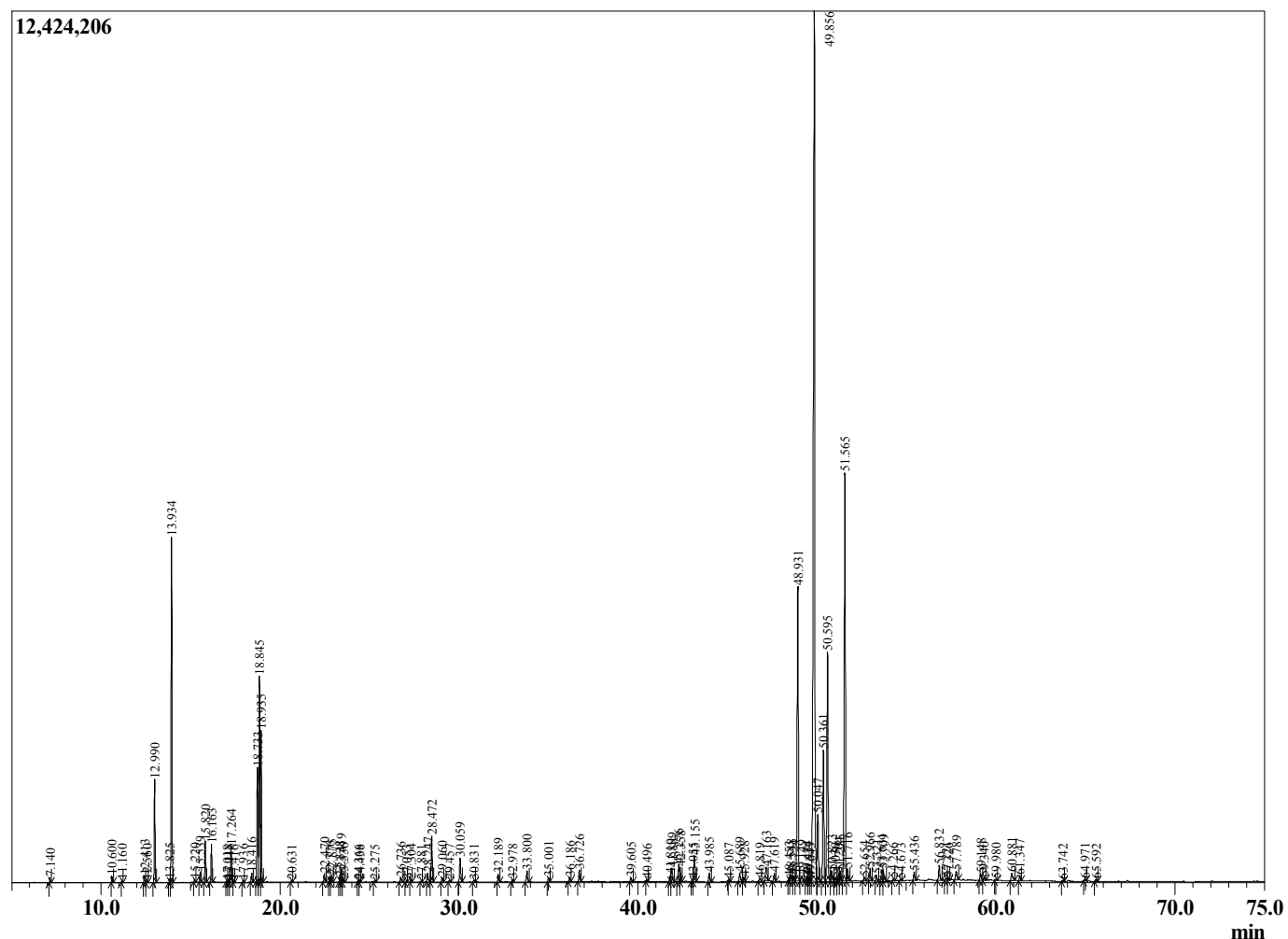
Sample Information

Sample Type : Essential Oil
Sample Name : Zingiber officinale

Ginger Cochin
Lot# CHR18-RT
Country: China



Chromatogram Zingiber officinale



Peak Report TIC		
R.Time	Name	Area%
7.140	Hexanal	0.07
10.600	2-Heptanone	0.11
11.160	2-Heptanol	0.05
12.413	Tricyclene	0.13
12.560	alpha-Thujene	0.04
12.990	alpha-Pinene	1.96
13.825	alpha-Fenchene	0.07
13.934	Camphene	6.82
15.220	Sabinene	0.06
15.539	beta-Pinene	0.21
15.820	6-Methyl hept-5-en-2-one	0.83
16.163	Myrcene	0.78
17.018	Octanal	0.03
17.118	Unidentified	0.06
17.264	alpha-Phellandrene	0.77
17.416	delta-3-Carene	0.02
17.936	alpha-Terpinene	0.05
18.416	para-Cymene	0.19
18.733	Limonene	2.75
18.845	beta-Phellandrene	4.55
18.935	1,8-Cineole	3.20
20.631	gamma-Terpinene	0.03
22.470	Terpinolene	0.19
22.776	2-Nonanone	0.10
22.875	Rosefuran	0.16
23.338	Unidentified	0.11
23.419	Linalool	0.30
23.536	2-Nonanol	0.07
24.366	Unidentified	0.03
24.438	Unidentified	0.03
25.275	Unidentified	0.04
26.736	Camphor	0.11
27.053	Citronellal	0.03
27.304	trans-beta-Terpineol	0.06
27.881	Unidentified	0.03
28.247	Isoborneol	0.23
28.472	Borneol	1.14
29.060	Terpinen-4-ol	0.11
29.457	para-Cymen-8-ol	0.04
30.059	alpha-Terpineol	0.63
30.831	Decanal	0.05
32.189	Citronellol	0.18
32.978	Neral	0.05
33.800	Geraniol	0.31
35.001	Geranial	0.10
36.186	Bornyl acetate	0.11
36.726	2-Undecanone	0.28
39.605	delta-Elemene	0.10
40.496	Citronellyl acetate	0.05
41.810	Cyclosativene	0.16
41.889	Unidentified	0.40
42.276	alpha-Copaene	0.47
42.358	Geranyl acetate	0.36
43.055	beta-Cubebene	0.06
43.155	beta-Elemene	0.74
43.985	Sesquithujene isomer	0.23

R.Time	Name	Area%
45.087	beta-Caryophyllene	0.06
45.689	gamma-Elemene	0.26
45.928	trans-alpha-Bergamotene	0.11
46.819	Unidentified	0.09
47.163	trans-beta-Farnesene	0.54
47.619	Alloaromadendrene	0.22
48.453	Unidentified	0.11
48.548	trans-Cadina-1(6),4-diene	0.21
48.724	gamma-Curcumene	0.16
48.931	Ar-Curcumene	8.41
49.149	beta-Chamigrene	0.21
49.434	beta-Selinene	0.11
49.537	(Z,Z)-alpha-Farnesene	0.10
49.645	Valencene	0.06
49.856	alpha-Zingiberene	30.78
50.047	trans-Muurola-4(14),5-diene	2.00
50.361	(E,E)-alpha-Farnesene	3.59
50.595	beta-Bisabolene	6.51
50.823	gamma-Cadinene	0.34
51.030	Cubebol	0.09
51.204	delta-Cadinene	0.20
51.285	Unidentified	0.29
51.565	beta-Sesquiphellandrene	12.07
51.716	Unidentified	0.33
52.654	Unidentified	0.11
52.966	Elemol	0.31
53.321	cis-Sesquisabinene hydrate	0.17
53.631	Germacrene B	0.32
53.709	trans-Nerolidol	0.36
54.266	Unidentified	0.07
54.673	Unidentified	0.05
55.436	trans-Sesquisabinene hydrate	0.23
56.832	Unidentified	0.42
57.221	Unidentified	0.06
57.326	10-epi-gamma-Eudesmol	0.05
57.789	Unidentified	0.32
59.148	alpha-Eudesmol	0.21
59.340	Unidentified	0.07
59.980	beta-Bisabolol	0.04
60.881	Unidentified	0.25
61.347	Unidentified	0.14
63.742	Unidentified	0.04
64.971	Unidentified	0.05
65.592	Unidentified	0.05
		100.00