

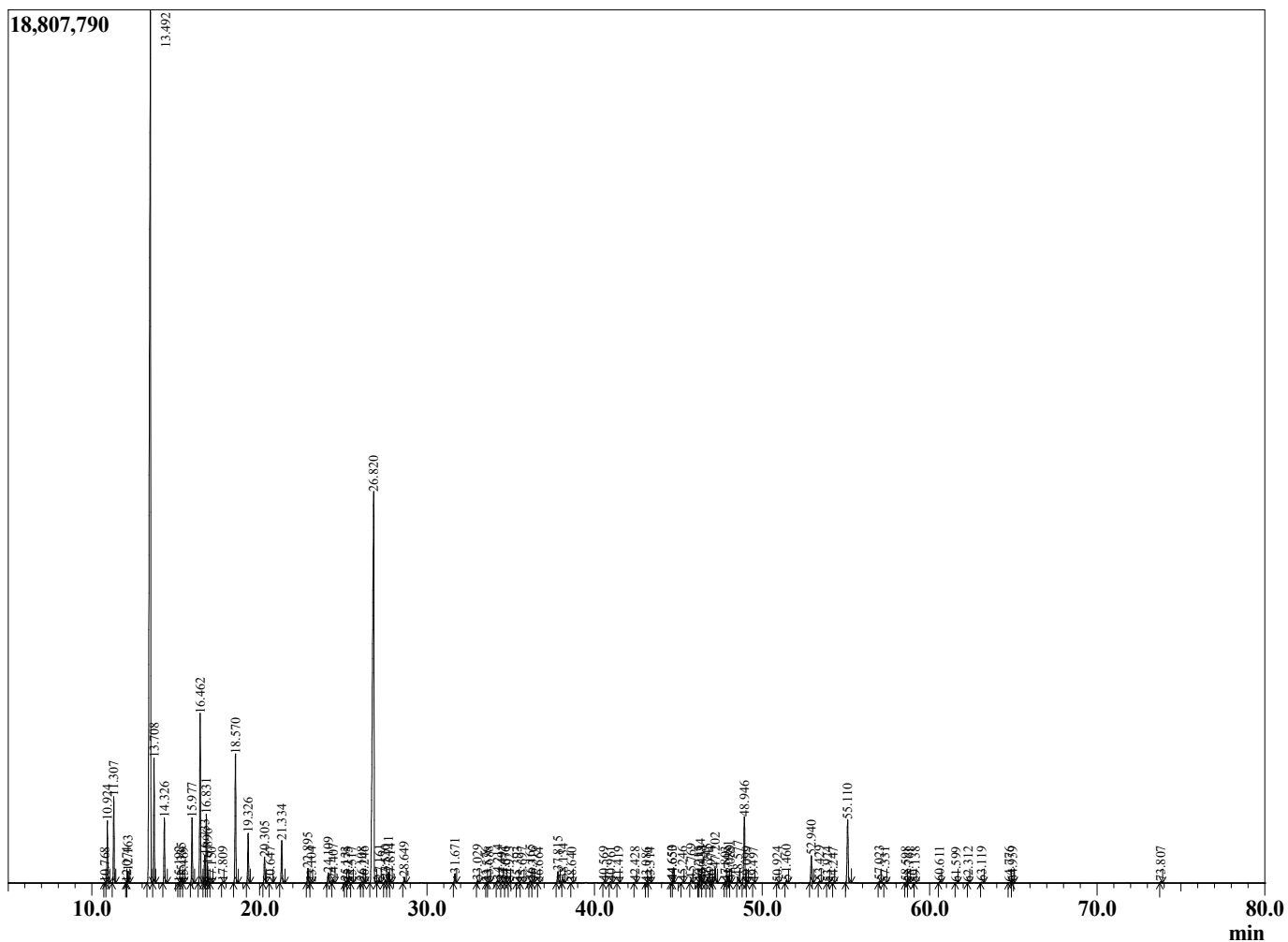
Sample Information

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

Plai Premium
 Lot# TLC2-CK
 Country: Thailand



Chromatogram Zingiber cassumunar



R.Time	Name	Area%
10.768	Tricyclene	0.01
10.924	alpha-Thujene	1.57
11.307	alpha-Pinene	2.20
12.074	alpha-Fenchene	0.01
12.163	Camphene	0.32
13.492	Sabinene	39.52
13.708	beta-Pinene	3.18
14.326	Myrcene	1.79
15.192	Pseudolimonene	0.02
15.335	alpha-Phellandrene	0.14
15.469	delta-3-Carene	0.01
15.977	alpha-Terpinene	1.83
16.462	para-Cymene	5.03
16.733	Limonene	0.82
16.831	beta-Phellandrene	2.15
16.896	1,8-Cineole	0.38
17.150	cis-beta-Ocimene	0.01
17.809	trans-beta-Ocimene	0.03
18.570	gamma-Terpinene	3.93
19.326	trans-Sabinene hydrate	1.52
20.305	Terpinolene	0.81
20.647	para-Cymenene	0.02
21.334	cis-Sabinene hydrate	1.42
22.895	cis-para-Menth-2-en-1-ol	0.47
23.104	Unidentified	0.02
24.109	trans-para-Menth-2-en-1-ol	0.35
24.407	Camphor	0.11
25.133	Sabina ketone	0.04
25.275	Unidentified	0.01
25.517	Isoborneol	0.02
26.108	Borneol	0.05
26.246	Unidentified	0.02
26.820	Terpinen-4-ol	21.21
27.161	para-Cymen-8-ol	0.09
27.520	Unidentified + Unidentified	0.11
27.711	alpha-Terpineol	0.40
27.814	cis-Piperitol	0.11
28.649	trans-Piperitol	0.19
31.671	Unidentified	0.32
33.029	cis-Ascaridol glycol	0.08
33.576	Thymol	0.01
33.688	Bornyl acetate	0.05
34.214	trans-Ascaridol glycol	0.09
34.491	Terpin-1-en-4-yl acetate	0.06
34.676	Carvacrol	0.03
34.923	Unidentified	0.03
35.393	4-Vinyl guaiaacol	0.02
35.697	Unidentified	0.03
36.165	Unidentified	0.09
36.316	Unidentified	0.03
36.664	para-Mentha-1,4-dien-7-ol	0.01
37.815	alpha-Terpinyl acetate	0.41
38.134	Eugenol	0.12
38.640	Neryl acetate	0.01
40.569	beta-Elemene	0.03
40.961	Unidentified	0.05

R.Time	Name	Area%
41.419	7-epi-Sesquithujene	0.02
42.428	beta-Caryophyllene	0.03
43.086	gamma-Elemene	0.01
43.314	Unidentified	0.01
44.650	trans-beta-Farnesene	0.05
44.653	alpha-Humulene	0.05
45.246	Guaiaacyl	0.03
45.769	Unidentified	0.13
46.215	Vanillin methyl ether	0.02
46.334	Ar-Curcumene	0.35
46.438	Selina-4,11-diene	0.08
46.745	para-Menthane-1,2,4-triol analogue	0.14
46.974	Valencene	0.03
47.202	alpha-Zingiberene	0.58
47.803	Unidentified	0.03
47.981	beta-Bisabolene	0.26
48.089	beta-Curcumene	0.06
48.577	cis-1-(3,4-Dimethoxyphenyl)but-1-ene	0.21
48.946	beta-Sesquiphellandrene	2.56
49.099	(E)-gamma-Bisabolene	0.01
49.497	1-(3,4-Dimethoxyphenyl)but-1-ene analogiue	0.01
50.924	Germacrene B	0.02
51.460	cis-1-(3,4-dimethoxyphenyl) butadiene	0.10
52.940	trans-1-(3,4-Dimethoxyphenyl)but-1-ene	1.00
53.429	Curzerenone	0.06
53.924	Humulene epoxide II	0.02
54.247	Zingiberenol	0.01
55.110	trans-1-(3,4-dimethoxyphenyl)butadiene	2.41
57.023	Ar-Tumerone	0.07
57.331	Tumerone	0.02
58.598	Germacrene	0.03
58.761	Unidentified	0.01
59.138	Curlone	0.02
60.611	Zerumbone	0.05
61.599	Xanthorhizol	0.02
62.312	Unidentified	0.02
63.119	Unidentified	0.03
64.776	Unidentified	0.03
64.959	Unidentified	0.03
73.807	Unidentified	0.04
		100.00