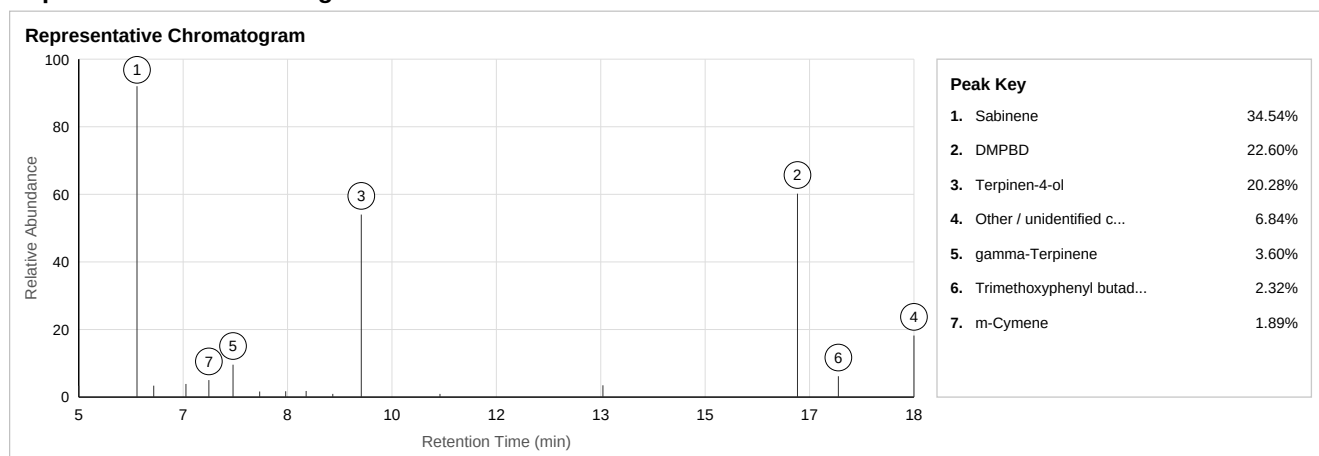


GC-MS Composition Profile

Product Name	Plai Thailand
Botanical Name	Zingiber cassumunar Roxb. (syn. Zingiber montanum)
INCI Name	Zingiber Cassumunar Root Oil
Country of Origin	Thailand
CAS Number	84696-15-1 / 8007-08-7
EC / EINECS Number	283-634-2
Lot Number	8498253
Analysis Date	September 14, 2026
Profile Type	Typical / representative published composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (ref.)	Compound	Typical %
1	4.82	alpha-Pinene	1.26
2	5.76	Sabinene	34.54
3	6.03	beta-Myrcene	1.27
4	6.55	alpha-Terpinene	1.46
5	6.92	m-Cymene	1.89
6	7.31	gamma-Terpinene	3.60
7	7.74	cis-Sabinene hydrate	0.62
8	8.16	Terpinolene	0.65
9	8.49	trans-Sabinene hydrate	0.68
10	8.92	Terpinen-1-ol	0.35
11	9.38	Terpinen-4-ol	20.28
12	10.65	Terpinyl acetate	0.33
13	13.28	beta-Sesquiphellandrene	1.31
14	16.42	DMPBD	22.60
15	17.08	Trimethoxyphenyl butadiene	2.32
16	18.30	Other / unidentified constituents	6.84

Percentages are literature-based representative midpoint values, not lot-specific instrument results. Retention-time entries are reference plotting positions used to present the characteristic Plai profile. Natural and analytical variation is expected.