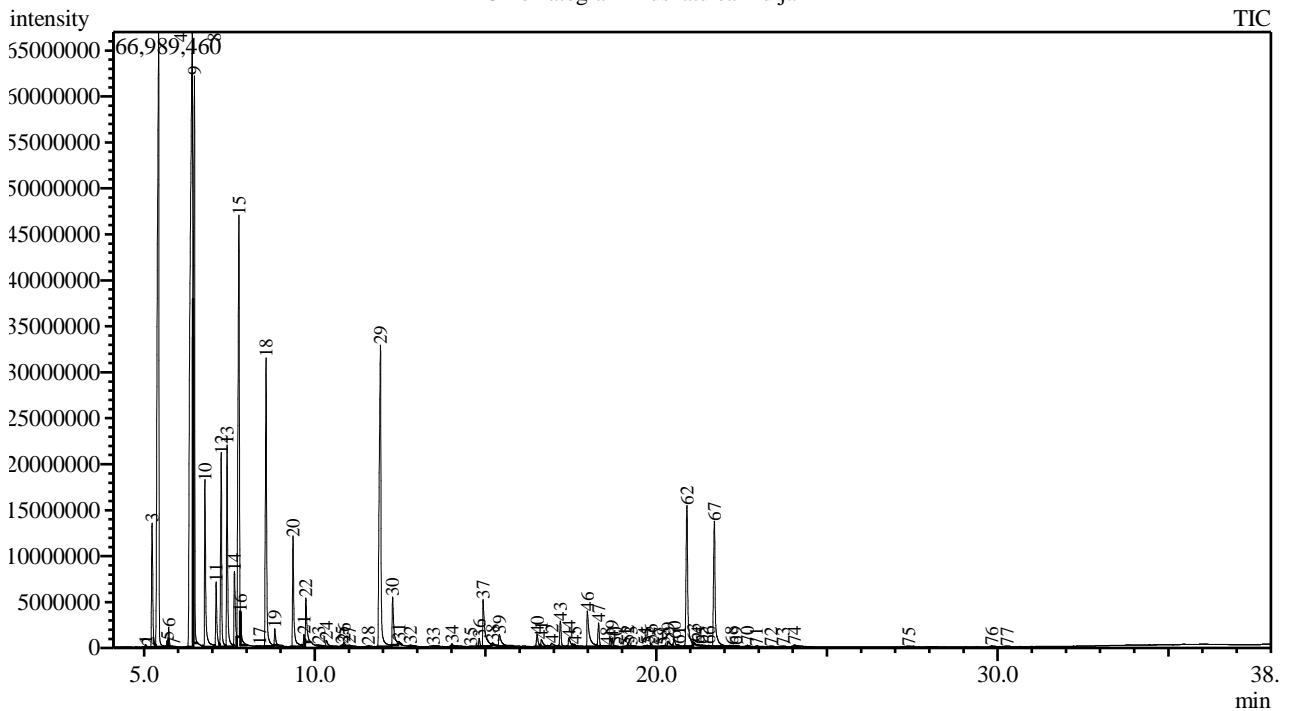


Analysis numb.: GC1645
 Analysis date: 2023 10 18
 Sample name: Muskatu ea
 Botanical name: Myristica fragrans
 Sample batch num: LOT 0617C
 Sample origin: Indija
 Best before: 2025 05

Chromatogram Muskatu ea Indija



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	5.048	550249	0.03	Unknown
2	5.115	223789	0.01	Tricyclene
3	5.237	33466334	2.12	Thujene <alpha->
4	5.429	226105788	14.32	Pinene <alpha->
5	5.689	936207	0.06	Fenchene <alpha->
6	5.723	4358582	0.28	Camphene
7	5.867	153052	0.01	Thuja-2,4(10)-diene
8	6.412	353647259	22.39	Sabinene
9	6.478	145119500	9.19	Pinene <beta->
10	6.786	43635836	2.76	Myrcene
11	7.114	17810431	1.13	Phellandrene <alpha->
12	7.262	48187168	3.05	Carene <delta-3->
13	7.435	51782669	3.28	Terpinene <alpha->
14	7.650	22252351	1.41	Cymene <para->
15	7.780	129762953	8.22	Limonene*
16	7.826	7157978	0.45	Eucalyptol
17	8.393	701291	0.04	Ocimene <(E)-, beta->
18	8.576	83707565	5.30	Terpinene <gamma->
19	8.833	4916840	0.31	Sabinene hydrate <cis->
20	9.366	33142859	2.10	Terpinolene
21	9.688	3610706	0.23	Sabinene hydrate <trans->
22	9.741	12952341	0.82	Linalool*
23	10.112	217367	0.01	Fenchyl alcohol
24	10.342	3134889	0.20	Menth-2-en-1-ol <cis-, para->

Peak#	R.Time	Area	Area%	Name
25	10.803	284282	0.02	Pinocarveol <trans->
26	10.851	1281610	0.08	Menth-2-en-1ol<trans-para->
27	11.012	1017419	0.06	Unknown
28	11.579	470687	0.03	Borneol
29	11.926	122713789	7.77	Terpinen-4-ol
30	12.283	17819530	1.13	Terpineol <alpha->
31	12.470	240940	0.02	Terpineol <gamma->
32	12.807	639400	0.04	Piperitol <trans->
33	13.480	693433	0.04	Citronellol*
34	14.019	1247122	0.08	Linalyl acetate
35	14.567	226361	0.01	Ascaridol glycol <trans->
36	14.820	2230036	0.14	Bornyl acetate
37	14.931	21234395	1.34	Safrole
38	15.212	373735	0.02	Terpin-1-en-4-yl acetate
39	15.409	7374941	0.47	Anisyl acetate
40	16.516	4624488	0.29	Terpinyl acetate <alpha->
41	16.642	3789039	0.24	Citronellyl acetate
42	16.947	3163943	0.20	Eugenol** + Neryl acetate
43	17.197	8242631	0.52	Copaene <alpha->
44	17.445	3844310	0.24	Geranyl acetate
45	17.620	778351	0.05	Elemene <beta->
46	17.987	17936540	1.14	Methyleugenol
47	18.314	7257131	0.46	Caryophyllene
48	18.561	255167	0.02	Copaene <beta->
49	18.712	2386857	0.15	Bergamotene <alpha-, trans->
50	18.811	309625	0.02	Aromadendrene
51	19.089	92509	0.01	Muurola-3,5-diene <trans->
52	19.172	793376	0.05	Humulene <alpha->
53	19.262	469608	0.03	Farnesene <(E)-, beta->
54	19.664	200680	0.01	Cadina-1(6),4-diene <trans->
55	19.742	449973	0.03	Murolene <gamma->
56	19.858	1247487	0.08	Germacrene D
57	20.113	124811	0.01	Muurola-4(9),5-diene <trans->
58	20.222	605186	0.04	Bicyclgermacrene
59	20.350	3384270	0.21	Methyl isoeugenol <(E)->
60	20.527	3537717	0.22	Bisabolene <beta->
61	20.660	769776	0.05	Cdinene <gamma->
62	20.900	55911577	3.54	Myristicine
63	21.100	185116	0.01	Cadina-1,4-diene <trans->
64	21.220	26326	0.00	Cadinene <alpha->
65	21.346	225646	0.01	Bisabolene <(E)-, alpha->
66	21.543	350036	0.02	Elemol <alpha->
67	21.704	49544348	3.14	Elemicin
68	22.220	249681	0.02	Spathulenol
69	22.325	420452	0.03	Caryophyllene oxide
70	22.673	460069	0.03	Guaiol
71	22.936	39267	0.00	Humulene epoxide II
72	23.366	60942	0.00	Epicubenol
73	23.722	122741	0.01	Cadinol <alpha->
74	24.049	1398306	0.09	Isoelemicin
75	27.402	205713	0.01	Tetradecanoate <ethyl->
76	29.830	330913	0.02	Camphorene <m->
77	30.280	147969	0.01	Camphorene <p->
		1579324261	100.00	

Kosmetiniai alergenai: *-silpnas, **-vidutinio stiprumo, ***- stiprus alergenai

Analiz atliko

dr. Jurga B dien