

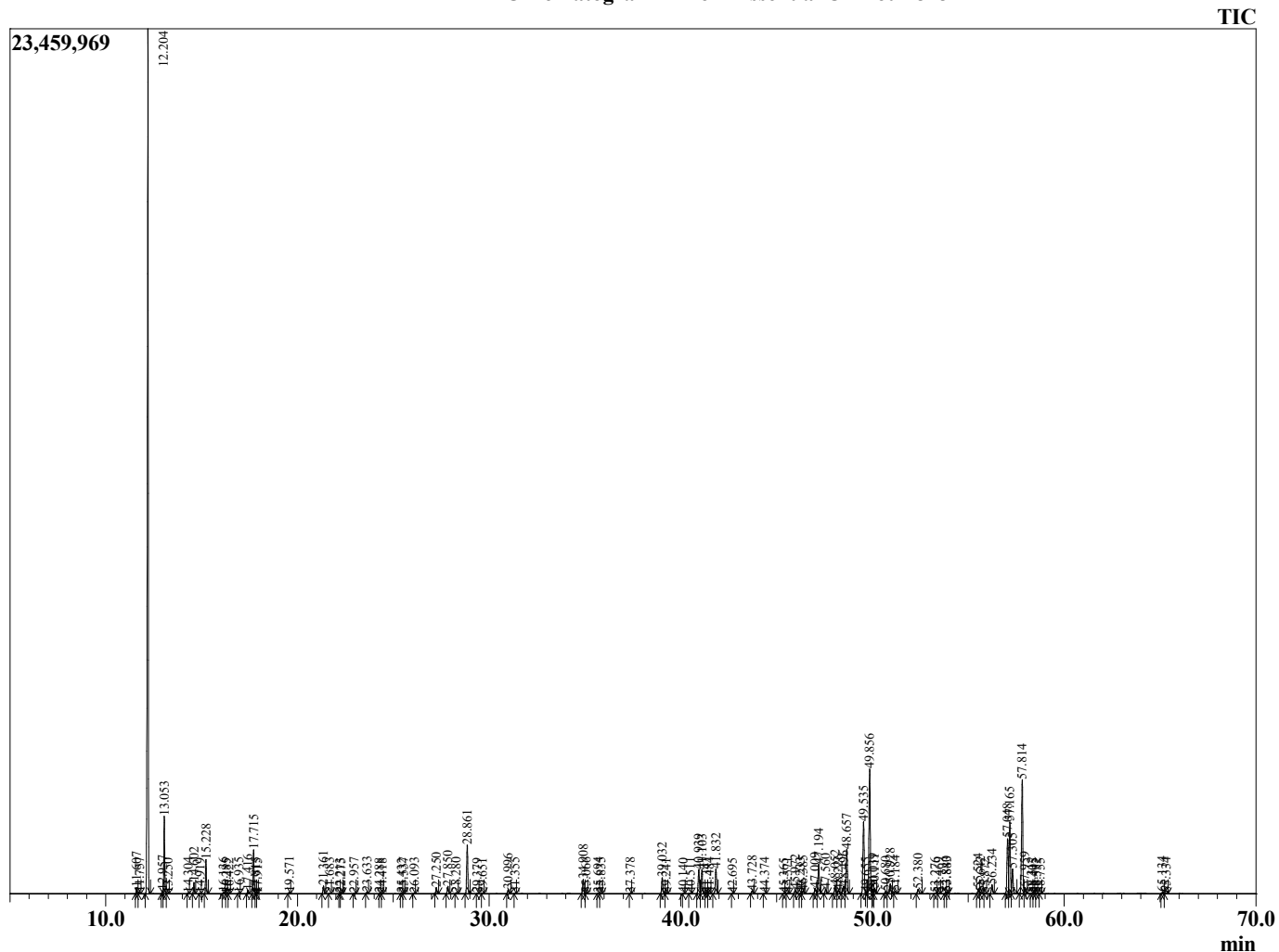
Sample Information

Analyzed by : K.Smith
 Analyzed : 10/5/2023 7:00:25 PM
 Sample Type : Essential Oil
 Sample Name : Hinoki
 Injection Volume : 0.10 µL
 Lot Number :13134
 Instrument ID : GC-4

Peak Report TIC

R.Time	Name	Area%
11.607	Tricyclene	0.24
11.757	alpha-Thujene	0.05
12.204	alpha-Pinene	42.14
12.957	alpha-Fenchene	0.12
13.053	Camphene	3.09
13.250	Thuja-2,4(10)-diene	0.02
14.304	Sabinene	0.04
14.602	beta-Pinene	0.48
14.919	Camphene isomer	0.01
15.228	Myrcene	1.46
16.136	Pseudolimonene	0.05
16.285	alpha-Phellandrene	0.00
16.422	delta-3-Carene	0.02
16.935	alpha-Terpinene	0.05
17.416	para-Cymene	0.15
17.715	Limonene	2.05
17.815	beta-Phellandrene	0.02
17.915	1,8-Cineole	0.01
19.571	gamma-Terpinene	0.07
21.361	Terpinolene	0.37
21.683	para-Cymenene	0.03
22.213	Unidentified	0.01
22.275	Unidentified	0.02
22.957	Unidentified	0.03
23.633	alpha-Fenchol alcohol	0.09
24.288	Unidentified	0.01
24.418	Unidentified	0.01
25.432	Unidentified	0.02
25.537	Camphor	0.02
26.093	trans-beta-Terpineol	0.02
27.250	Borneol	0.30
27.850	Terpinen-4-ol	0.39
28.280	para-Cymen-8-ol	0.05
28.861	alpha-Terpineol	2.63
29.379	Unidentified	0.01
29.651	Verbenone	0.02
30.996	Citronellol	0.22
31.355	trans-Chrysanthenyl acetate	0.02
34.908	Bornyl acetate	0.80
35.066	Isobornyl acetate	0.03
35.694	Terpin-1-en-4-yl acetate	0.03
35.835	Carvacrol	0.03
37.378	Methyl geranate	0.02
39.032	alpha-Terpinyl acetate	0.94
39.241	Citronellyl acetate	0.02
40.140	Unidentified	0.01
40.511	alpha-Ylangene	0.03
40.939	alpha-Copaene	1.40
41.103	Geranyl acetate	1.35
41.347	Elemene isomer	0.04
41.484	beta-Patchoulene	0.03
41.832	beta-Elemene	1.50
42.695	alpha-Gurjunene	0.01
43.728	beta-Caryophyllene	0.16
44.374	beta-Copaene	0.03
45.365	trans-Muurola-3,5-diene	0.01
45.571	Cadina-3,5-diene	0.05
45.972	alpha-Humulene	0.23
46.233	cis-Cadina-1(6),4-diene	0.04
46.385	cis-Muurola-4(14),5-diene	0.15
47.009	10-beta-H-Cadina-1(6),4-diene	0.41
47.194	trans-Cadina-1(6),4-diene	1.76

Chromatogram Hinoki Essential Oil Lot#13134



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R.Time	Name	Area%
47.560	Germacrene D	0.26
48.052	beta-Selinene	0.49
48.226	trans-Muurolo-4(14),5-diene	0.22
48.496	alpha-Selinene	0.60
48.657	alpha-Muuroloene	2.70
49.535	gamma-Cadinene	4.43
49.655	Unidentified	0.01
49.856	delta-Cadinene	7.83
50.039	trans-Calamenene	0.26
50.111	Zonarene	0.29
50.680	trans-Cadina-1,4-diene	0.12
50.928	alpha-Cadinene	0.58
51.184	alpha-Calacorene	0.14
52.380	trans-Nerolidol	0.33
53.276	Unidentified	0.03
53.469	Selina-6-en-4-ol	0.03
53.840	Unidentified	0.09
53.883	Gleenol	0.08
55.524	1,10-di-epi-Cubenol	0.30
55.642	Unidentified	0.09
55.872	Unidentified	0.02
56.234	Epicubenol	0.56
57.048	tau-Cadinol	3.46
57.165	epi-alpha-Cadinol	4.48
57.305	delta-Cadinol	1.53
57.814	alpha-Cadinol	7.11
57.959	Intermedeol	0.38
58.312	cis-Calamenen-10-ol	0.03
58.405	Unidentified	0.01
58.552	Unidentified	0.01
58.755	Cadalene	0.02
65.134	Unidentified	0.08
65.334	14-Hydroxy-delta-cadinene	0.04
		100.00