

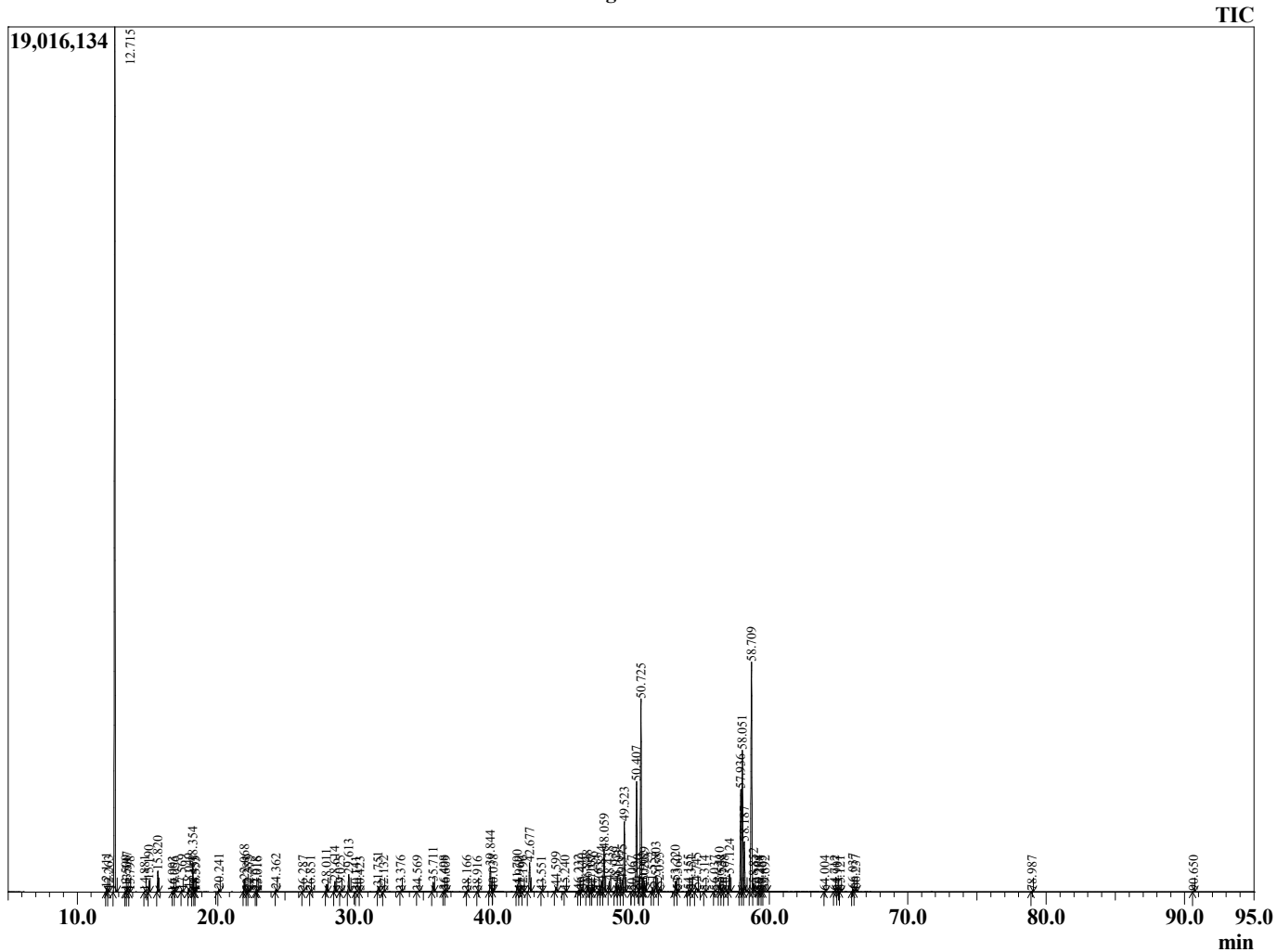
Sample Information

Analyzed by : TW
 Analyzed : 8/30/2022 11:26:38 PM
 Sample Type : Essential Oil
 Sample Name : Hinoki
 Injection Volume : 0.10 µL
 Lot Number : 12602
 Instrument ID : GC-3

Peak Report TIC

R.Time	Name	Area%
12.111	Tricyclene	0.13
12.263	alpha-Thujene	0.04
12.715	alpha-Pinene	33.25
13.500	alpha-Fenchene	0.03
13.597	Camphene	0.17
13.798	Thuja-2,4(10)-diene	0.02
14.881	Sabinene	0.04
15.190	beta-Pinene	0.41
15.820	Myrcene	0.76
16.903	alpha-Phellandrene	0.01
17.056	gamma-Terpinene	0.01
17.569	alpha-Terpinene	0.06
18.049	para-Cymene	0.13
18.354	Limonene	1.08
18.455	beta-Phellandrene	0.03
18.555	1,8-Cineole	0.01
20.241	gamma-Terpinene	0.10
22.068	Terpinolene	0.48
22.285	Fenchone	0.01
22.379	para-Cymenene	0.07
22.918	Unidentified	0.02
23.016	Linalool	0.01
24.362	endo-Fenchol	0.10
26.287	Camphor	0.03
26.851	trans-beta-Terpineol	0.02
28.011	Borneol	0.33
28.614	Terpinen-4-ol	0.47
29.025	para-Cymen-8-ol	0.04
29.613	alpha-Terpineol	0.81
30.141	Unidentified	0.02
30.423	Verbenone	0.01
31.751	Citronellol	0.23
32.132	trans-Chrysanthenyl acetate	0.03
33.376	Geraniol	0.03
34.569	Geranial	0.02
35.711	Bornyl acetate	0.43
36.498	Terpin-1-en-4-yl acetate	0.05
36.609	Carvacrol	0.05
38.166	Methyl geranate	0.02
38.916	Unidentified	0.02
39.844	alpha-Terpinyl acetate	1.25
40.038	Citronellyl acetate	0.04
41.790	alpha-Copaene	0.33
41.960	Unidentified	0.02
42.196	beta-Elemene isomer	0.04
42.677	beta-Elemene	1.43
43.551	alpha-Gurjunene	0.02
44.599	beta-Caryophyllene	0.24
45.240	beta-Copaene	0.04
46.232	Cadina-3,5-diene	0.06
46.440	trans-Muuroala-3,5-diene	0.11
46.848	alpha-Humulene	0.31
47.107	cis-Cadina-1(6),4-diene	0.06
47.256	cis-Muuroala-4(14),5-diene	0.22
47.633	Unidentified	0.01
47.874	10-beta-H-Cadina-1(6),4-diene	0.55
48.059	trans-Cadina-1(6),4-diene	2.16
48.438	Germacrene D	0.48
48.929	beta-Selinene	0.44
49.103	trans-Muuroala-4(14),5-diene	0.34
49.375	Unidentified	0.73
49.523	alpha-Muurolene	3.37

Chromatogram 98401-86



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R.Time	Name	Area%
50.067	Unidentified	0.02
50.407	gamma-Cadinene	5.58
50.520	Cubebol	0.01
50.725	delta-Cadinene	9.97
50.902	trans-Calamenene	0.20
50.989	Zonarene	0.44
51.553	trans-Cadina-1,4-diene	0.19
51.803	alpha-Cadinene	0.75
52.055	alpha-Calacorene	0.18
53.220	(E)-Nerolidol	0.55
53.360	Unidentified	0.05
54.155	Germacren D-4-ol	0.08
54.351	Unidentified	0.04
54.745	Gleenol	0.25
55.314	Fokienol	0.04
56.037	Unidentified	0.02
56.410	1,10-di-Epicubenol	0.47
56.538	Unidentified	0.09
56.768	Unidentified	0.04
57.124	1-Epicubenol	0.86
57.936	tau-Cadinol	5.56
58.051	epi-alpha-Cadinol	7.09
58.187	delta-Cadinol	2.53
58.709	alpha-Cadinol	12.19
58.852	Intermedeol	0.43
59.204	Unidentified	0.02
59.288	Unidentified	0.03
59.463	Unidentified	0.01
59.692	Unidentified	0.08
64.004	Unidentified	0.03
64.712	Benzyl benzoate	0.03
64.907	Unidentified	0.01
65.121	Unidentified	0.03
66.037	Unidentified	0.12
66.237	Unidentified	0.16
78.987	Unidentified	0.03
90.650	trans-Ferruginol	0.03
		100.00