

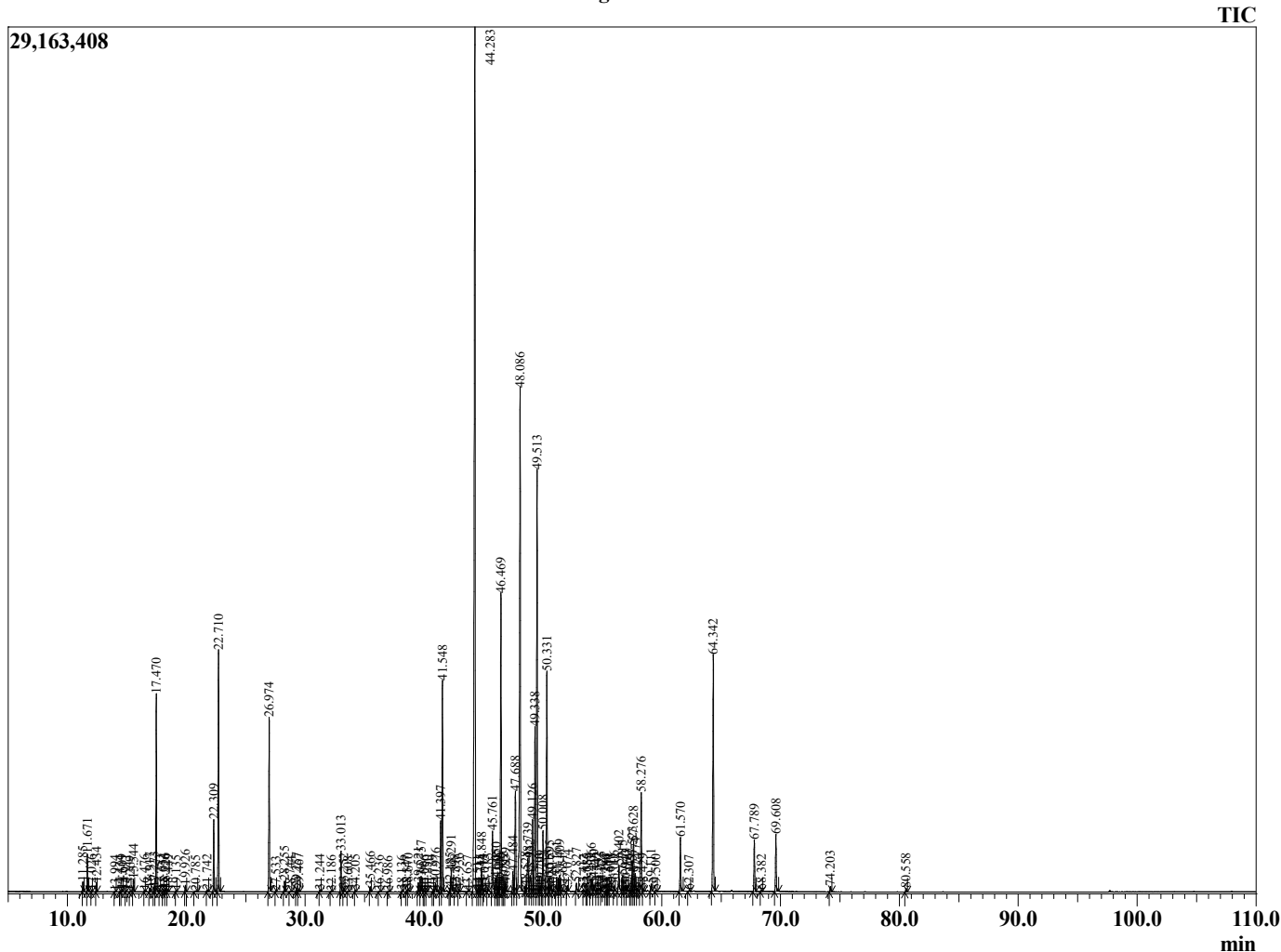
Sample Information

Analyzed by : A.G.  
 Analyzed : 2/13/2024 4:55:10 PM  
 Sample Type : Essential Oil  
 Sample Name : Ylang Ylang III  
 Injection Volume : 0.10  
 Lot Number : 12750  
 Instrument ID : GC-3

Peak Report TIC

R.Time	Name	Area%
11.285	Pentyl acetate	0.12
11.671	Prenyl acetate	0.45
12.026	alpha-Thujene	0.02
12.434	alpha-Pinene	0.11
13.994	Unidentified	0.01
14.434	Bois de Rose oxide	0.01
14.609	Sabinene	0.03
14.911	beta-Pinene	0.02
15.269	Unidentified	0.00
15.544	Myrcene	0.17
16.476	cis-3-Hexen-1-ol acetate	0.03
16.917	Hexyl acetate	0.05
17.273	alpha-Terpinene	0.07
17.470	para-cresyl methyl ether	2.89
17.753	para-Cymene	0.02
18.054	Limonene	0.03
18.226	1,8-Cineole	0.05
18.449	cis-beta-Ocimene	0.02
19.135	trans-beta-Ocimene	0.02
19.926	gamma-Terpinene	0.10
20.785	para-Cresol	0.03
21.742	Terpinolene	0.04
22.309	Methyl benzoate	1.12
22.710	Linalool	4.03
26.974	Benzyl acetate	2.92
27.533	Ethyl Benzoate	0.01
28.255	Terpinen-4-ol	0.18
28.744	Unidentified	0.01
29.257	alpha-Terpineol	0.07
29.467	trans-Anethole	0.04
31.244	Nerol	0.03
32.186	Neral	0.01
33.013	Geraniol	0.69
33.252	2-Phenethyl acetate	0.06
33.608	alpha-Terpinyl acetate	0.01
34.205	Geranial	0.03
35.466	trans-Anethole	0.09
36.236	Unidentified	0.01
36.986	4-vinyl-Guaiacol	0.01
38.136	beta-Elemene	0.02
38.547	Germacrene B	0.03
38.670	beta-Elemene	0.07
39.521	alpha-Cubebene	0.17
39.757	Eugenol	0.27
40.006	Unidentified	0.01
40.250	Neryl acetate	0.01
40.739	Unidentified	0.01
40.976	alpha-Ylangene	0.18
41.397	alpha-Copaene	1.29
41.548	Geranyl acetate	3.90
42.185	cis-Cadina-1(6),4-diene	0.06
42.291	beta-Elemene	0.42
42.598	alpha-Cubebene	0.02
42.936	Methyleugenol	0.04
43.657	Unidentified	0.01
44.283	beta-Caryophyllene	21.39
44.511	Cedrene-V6	0.03
44.715	gamma-Himachalene	0.03
44.848	beta-Copaene	0.45
45.075	alpha-Gurjunene	0.04
45.385	Aromadendrene	0.05
45.761	trans-Cinnamyl acetate	1.18

Chromatogram 98401-25



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R.Time	Name	Area%
46.050	Cadina-3,5-diene	0.29
46.168	trans-Murrola-3,5-diene	0.08
46.297	trans-beta-Farnesene	0.11
46.469	alpha-Humulene	5.89
46.609	Guaia-3,9-diene	0.04
46.712	Murroladiene analog	0.08
46.859	trans-Cadina-1(6),4-diene	0.17
47.484	cis-Murrola-4(14),5-diene	0.40
47.688	gamma-Muuroolene	2.14
48.086	Germacrene D	11.28
48.528	Prenyl benzoate	0.09
48.739	trans-Murrola-4(14),5-diene	0.99
48.932	Bicyclogermacrene	0.42
49.126	alpha-Muuroolene	1.36
49.338	cis,trans-alpha-Farnesene	3.36
49.513	trans,trans-alpha-Farnesene	8.14
49.710	beta-Bisabolene	0.05
49.799	beta-Curcumene	0.14
50.008	gamma-Cadinene	1.16
50.331	delta-Cadinene	4.25
50.515	cis-Calamenene	0.10
50.595	Zonarene	0.35
50.817	trans-gamma-Bisabolene	0.03
51.161	trans-Cadine-1,4-diene	0.26
51.409	alpha-Cadinene	0.30
51.651	alpha-Calacorene	0.06
52.074	Hedycaryol	0.11
52.827	cis-Nerolidol	0.19
53.412	Hex-(3Z)-enyl benzoate	0.04
53.685	Caryophyllene alcohol	0.04
53.759	Unidentified	0.05
54.066	Caryophyllene oxide	0.30
54.290	Globulol	0.15
54.542	Unidentified	0.07
54.732	delta-Cadinol	0.11
54.925	Guaiol	0.08
55.280	Viridiflorol	0.03
55.386	Humulol	0.02
55.511	Rosifoliol	0.04
55.678	Humulene epoxide II	0.05
56.006	1,10-di-epi-Cubenol	0.09
56.402	Humulane-1,6-dien-3-ol	0.58
56.715	Epicubenol	0.31
56.943	gamma-Eudesmol	0.12
57.070	Cubenol isomer	0.11
57.349	Unidentified	0.03
57.523	epi-alpha-Cadinol	0.62
57.628	epi-alpha-Muurolol	1.06
57.774	delta-Cadinol	0.36
57.924	alpha-Cadinol	0.06
58.276	epi-alpha-Muurolol	2.18
58.429	Juniper camphor	0.05
59.111	Striatol	0.15
59.500	Unidentified	0.03
61.570	(E,E)-Farnesol	1.02
62.307	Longifolol	0.02
64.342	Benzyl benzoate	4.83
67.789	(2E,6E)-Farnesyl acetate	0.96
68.382	Lanceol isomer	0.02
69.608	Benzyl salicylate	1.12
74.203	Geranyl benzoate	0.11
80.558	Benzyl cinnamate	0.07
		100.00