

Sample Information

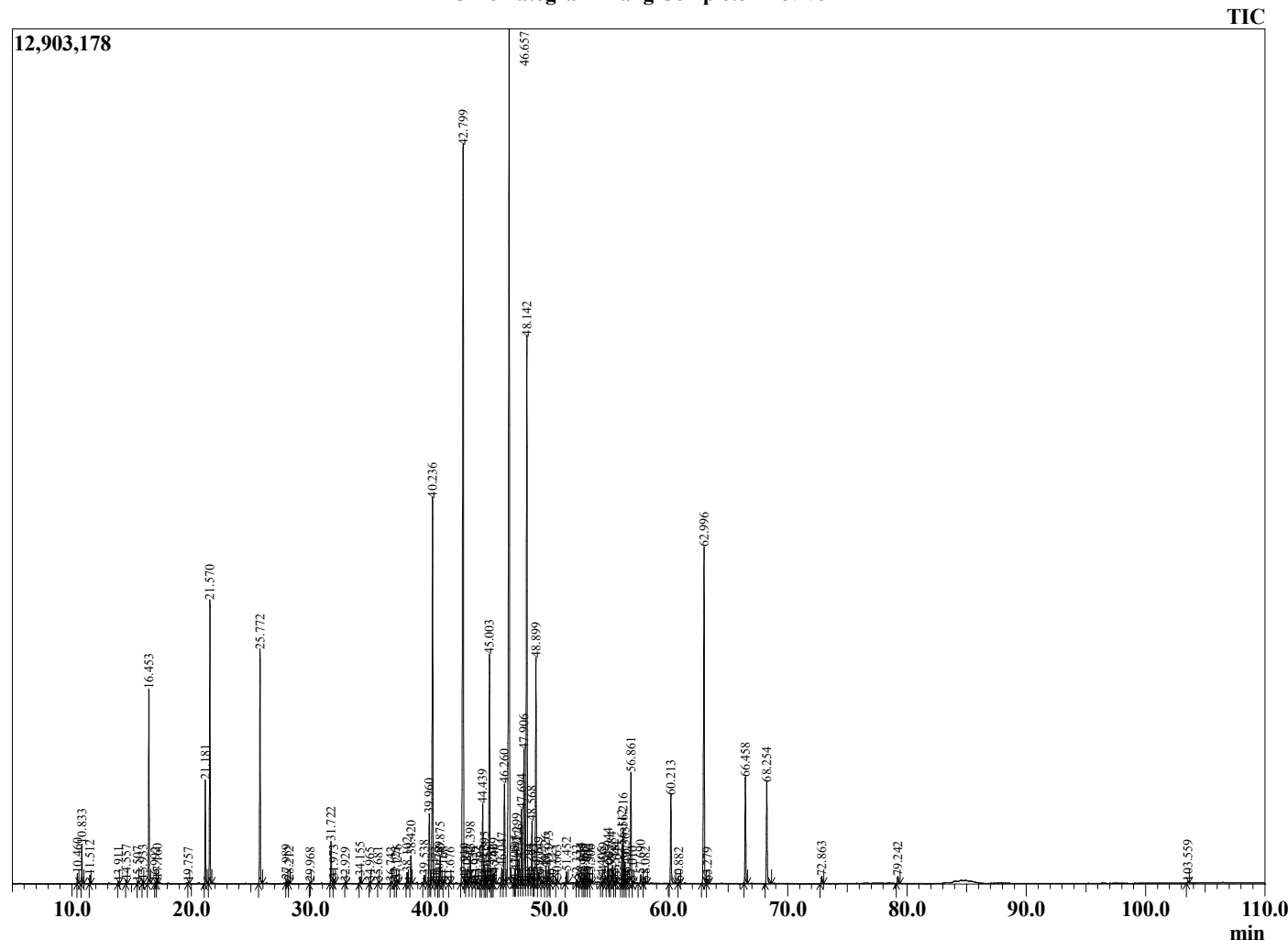
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/18/2023 9:02:40 PM
 Sample Type : Essential Oil
 Sample Name : Ylang Complete - Revive
 Sample ID : 7N
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
10.460	Amyl acetate	0.11
10.833	Prenyl acetate	0.43
11.512	alpha-Pinene	0.09
13.911	beta-Pinene	0.03
14.557	Myrcene	0.05
15.507	Hex-(3Z)-enyl acetate	0.02
15.933	Hexyl acetate	0.05
16.453	para-Methyl anisole	2.42
16.992	Limonene	0.01
17.160	1,8-Cineole	0.06
19.757	para-Cresol	0.02
21.181	Methyl benzoate	1.36
21.570	Linalool	3.95
25.772	Benzyl acetate	3.35
27.989	alpha-Terpineol	0.06
28.212	Estragole	0.03
29.968	Nerol	0.02
31.722	Geraniol	0.64
31.973	2-Phenethyl acetate	0.06
32.929	Geranial	0.02
34.155	(E)-Anethole	0.11
34.965	1-Nitro-2-Phenyl ethane	0.02
35.681	4-Vinyl guaiacol	0.02
36.742	Unidentified	0.02
37.123	Unidentified	0.04
37.276	Unidentified	0.09
38.102	alpha-Cubebene	0.18
38.420	Eugenol	0.43
39.538	alpha-Ylangene	0.15
39.960	alpha-Copaene	1.14
40.236	Geranyl acetate	6.28
40.473	Unidentified	0.01
40.759	beta-Cubebene	0.10
40.875	beta-Elemene	0.47
41.168	Unidentified	0.02
41.676	Cyperene	0.03
42.799	beta-Caryophyllene	14.02
42.910	Unidentified	0.01
43.069	Unidentified	0.02
43.398	beta-Copaene	0.41
43.624	Sibirene	0.05
43.922	Aromadendrene	0.04
44.295	Isogermaacrene D	0.04
44.439	(E)-Cinnamyl acetate	1.40
44.595	cis-Murrola-3,5-diene	0.30
44.713	trans-Murrola-3,5-diene	0.12
45.003	alpha-Humulene	3.86
45.151	Unidentified	0.04
45.262	cis-Cadina-1(6),4-diene	0.06
45.409	cis-Murola-4(14),5-diene	0.18
46.047	10-beta-H-Cadina-1(6),4-diene	0.27
46.260	trans-Cadina-1(6),4-diene	1.84
46.657	Germacrene D	17.28
47.105	beta-Selinene	0.02
47.195	Prenyl benzoate	0.15
47.299	trans-Murrola-4(14),5-diene	0.88
47.476	Bicyclogermacrene	0.45
47.694	alpha-Murolene	1.18
47.906	(Z,E)-alpha-Farnesene	2.43
48.142	(E,E)-alpha-Farnesene	9.39
48.294	alpha-Bulnesene	0.05
48.568	gamma-Cadinene	0.99

Chromatogram Ylang Complete - Revive



Comments:

The analysis of this Ylang Ylang, Complete batch sample meets the expected chemical profile for authentic essential oil of *Cananga odorata*. No contamination or adulteration was detected.

The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

R.Time	Name	Area%
48.693	Eugenyl acetate	0.05
48.899	delta-Cadinene	3.75
49.149	Zonarene	0.25
49.402	trans-gamma-Bisabolene	0.02
49.726	trans-Cadina-1,4-diene	0.24
49.973	alpha-Cadinene	0.28
50.223	Unidentified	0.06
50.663	Elemol	0.06
51.452	(E)-Nerolidol	0.19
52.333	Unidentified	0.07
52.634	10-epi-Junenol	0.11
52.843	Globulol	0.08
52.955	Gleenol	0.02
53.092	Unidentified	0.10
53.302	Unidentified	0.11
53.500	Guaiol	0.07
54.405	Unidentified	0.02
54.569	Unidentified	0.08
54.944	Humulane-1,6-dien-3-ol	0.36
55.065	Unidentified	0.03
55.284	1-Epicubenol	0.28
55.518	gamma-Eudesmol	0.04
55.644	Unidentified	0.10
56.112	tau-Cadinol	0.69
56.216	epi-alpha-Cadinol	0.94
56.363	delta-Cadinol	0.35
56.497	alpha-Cadinol isomer	0.05
56.861	alpha-Cadinol	2.11
57.010	Intermedeol	0.03
57.690	Striatol	0.17
58.082	Unidentified	0.05
60.213	(2E,6E)-Farnesol	1.47
60.882	Unidentified	0.03
62.996	Benzyl benzoate	6.35
63.279	Unidentified	0.03
66.458	Farnesyl acetate	1.80
68.254	Benzyl salicylate	1.85
72.863	Geranyl benzoate	0.13
79.242	Benzyl cinnamate	0.13
103.559	Unidentified	0.03
		100.00