

Sample Information

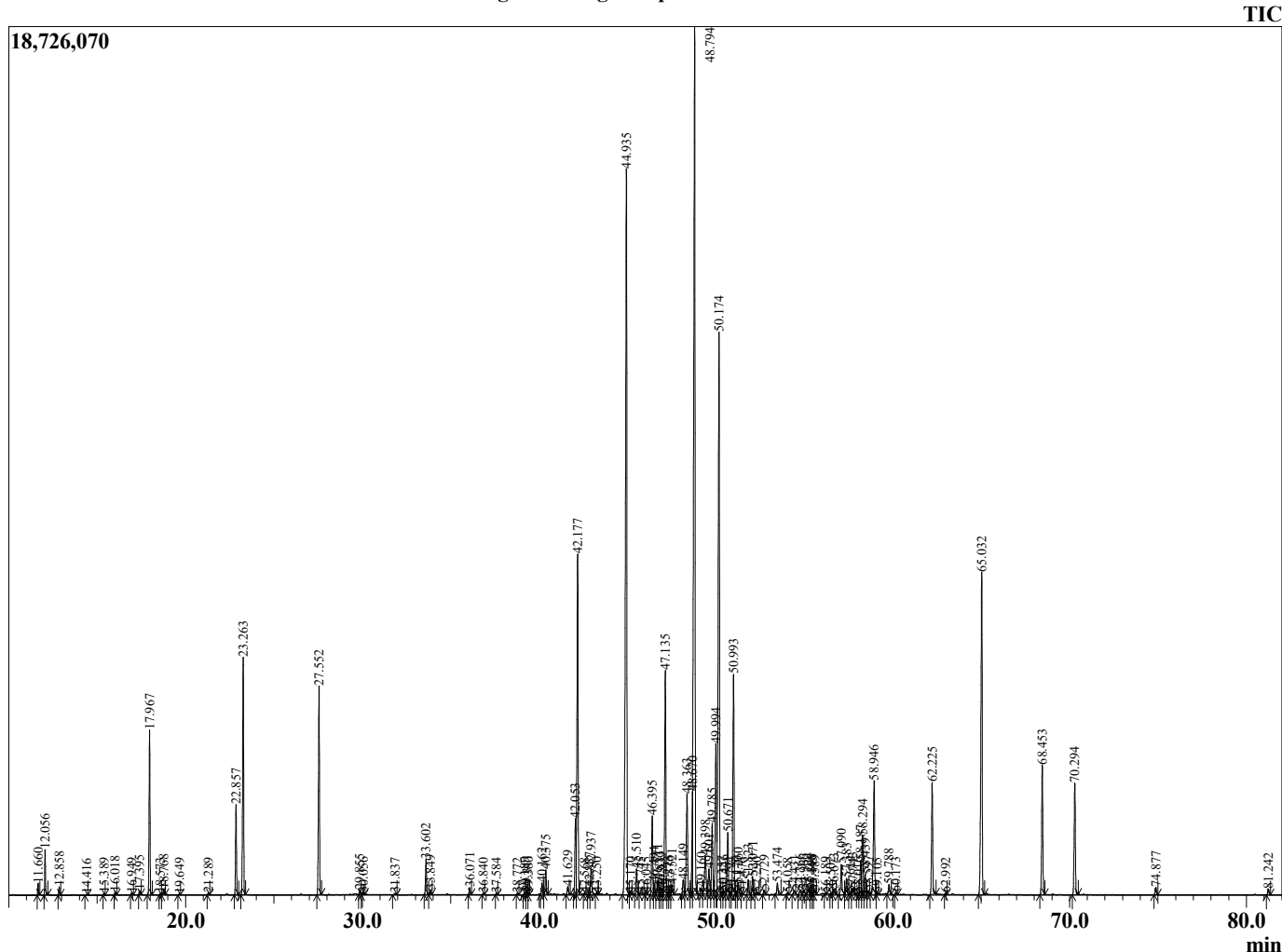
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/5/2022 9:09:54 PM
 Sample Type : Essential Oil
 Sample Name : Ylang Complete Oil - Edens Garden
 Sample ID : BC06CAD
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
11.660	Amyl acetate	0.12
12.056	Prenyl acetate	0.47
12.858	alpha-Pinene	0.09
14.416	Benzaldehyde	0.01
15.389	beta-Pinene	0.02
16.018	Myrcene	0.04
16.949	Hex-3(Z)-enyl acetate	0.03
17.395	Hexyl acetate	0.06
17.967	para-Methylanisole	2.08
18.573	Limonene	0.02
18.768	1,8-Cineole	0.07
19.649	trans-beta-Ocimene	0.01
21.289	para-Cresol	0.02
22.857	Methyl benzoate	1.19
23.263	Linalool	3.50
27.552	Benzyl acetate	3.10
29.855	alpha-Terpineol	0.06
30.056	Estragole	0.03
31.837	Nerol	0.02
33.602	Geraniol	0.50
33.849	2-Phenethyl acetate	0.06
36.071	(E)-Anethole	0.10
36.840	1-Nitro-2-phenylethane	0.02
37.584	4-Vinyl guaiacol	0.02
38.772	Unidentified	0.02
39.189	delta-Elemene isomer	0.05
39.311	Unidentified	0.06
39.380	delta-Elemene	0.02
40.162	alpha-Cubebene	0.18
40.375	Eugenol	0.37
41.629	alpha-Ylangene	0.14
42.053	alpha-Copaene	1.17
42.177	Geranyl acetate	5.59
42.568	Unidentified	0.02
42.837	beta-Cubebene	0.10
42.937	beta-Elemene	0.50
43.250	Unidentified	0.03
44.935	beta-Caryophyllene	13.98
45.170	Unidentified	0.03
45.510	beta-Copaene	0.40
45.745	Unidentified	0.05
46.045	Aromadendrene	0.03
46.395	(E)-Cinnamyl acetate	1.24
46.494	(E)-Isoeugenol	0.17
46.711	Cadina-3,5-diene	0.24
46.833	trans-Murrola-3,5-diene	0.12
46.939	trans-beta-Farnesene	0.10
47.135	alpha-Humulene	3.71
47.273	Unidentified	0.04
47.376	cis-Cadina-1(6),4-diene	0.05
47.521	cis-Muurolo-4(14),5-diene	0.17
48.149	10-beta-H-Cadina-1(6),4-diene	0.26
48.363	trans-Cadina-1(6),4-diene	1.86
48.670	alpha-Amorphene	0.79
48.794	Germacrene D	17.41
49.160	Prenyl benzoate	0.12
49.398	trans-Muurolo-4(14),5-diene	0.89
49.601	Bicyclogermacrene	0.46
49.785	alpha-Muuroloene	1.18
49.994	(Z,E)-alpha-Farnesene	2.64
50.174	(E,E)-alpha-Farnesene	10.12
50.357	beta-Bisabolene	0.04

Chromatogram Ylang Complete Oil - Edens Garden



Comments:

The analysis of this Ylang Complete Oil 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%
50.446	Unidentified	0.06
50.671	gamma-Cadinene	1.05
50.794	Cubebol	0.02
50.993	delta-Cadinene	3.64
51.170	trans-Calamenene	0.04
51.260	Zonarene	0.21
51.476	trans-gamma-Bisabolene	0.02
51.823	trans-Cadina-1,4-diene	0.23
52.071	alpha-Cadinene	0.28
52.290	Unidentified	0.05
52.729	Elemol	0.06
53.474	(E)-Nerolidol	0.20
54.058	Hex-(3Z)-enyl Benzoate	0.03
54.431	Unidentified	0.07
54.766	10-epi-Junenol	0.11
54.966	Globulol	0.10
55.224	Unidentified	0.10
55.398	Unidentified	0.08
55.445	Viridiflorol	0.04
55.589	Guaiol	0.07
56.189	Eudesm-5-en-11-ol	0.02
56.502	Unidentified	0.02
56.673	1,10-di-Epicubenol	0.09
57.090	Humulane-1,6-dien-3-ol	0.56
57.383	1-Epicubenol	0.28
57.614	gamma-Eudesmol	0.04
57.743	Unidentified	0.11
58.016	Unidentified	0.02
58.187	tau-Cadinol	0.58
58.294	epi-alpha-Cadinol	1.07
58.439	delta-Cadinol	0.34
58.597	alpha-Cadinol isomer	0.05
58.946	alpha-Cadinol	2.14
59.105	Intermedeol	0.02
59.788	Striatol	0.18
60.173	Unidentified	0.04
62.225	(2E,6E)-Farnesol	1.79
62.992	Unidentified	0.02
65.032	Benzyl benzoate	5.98
68.453	Farnesyl acetate	2.12
70.294	Benzyl salicylate	1.89
74.877	Geranyl benzoate	0.12
81.242	Benzyl cinnamate	0.10
		100.00