

Sample Information

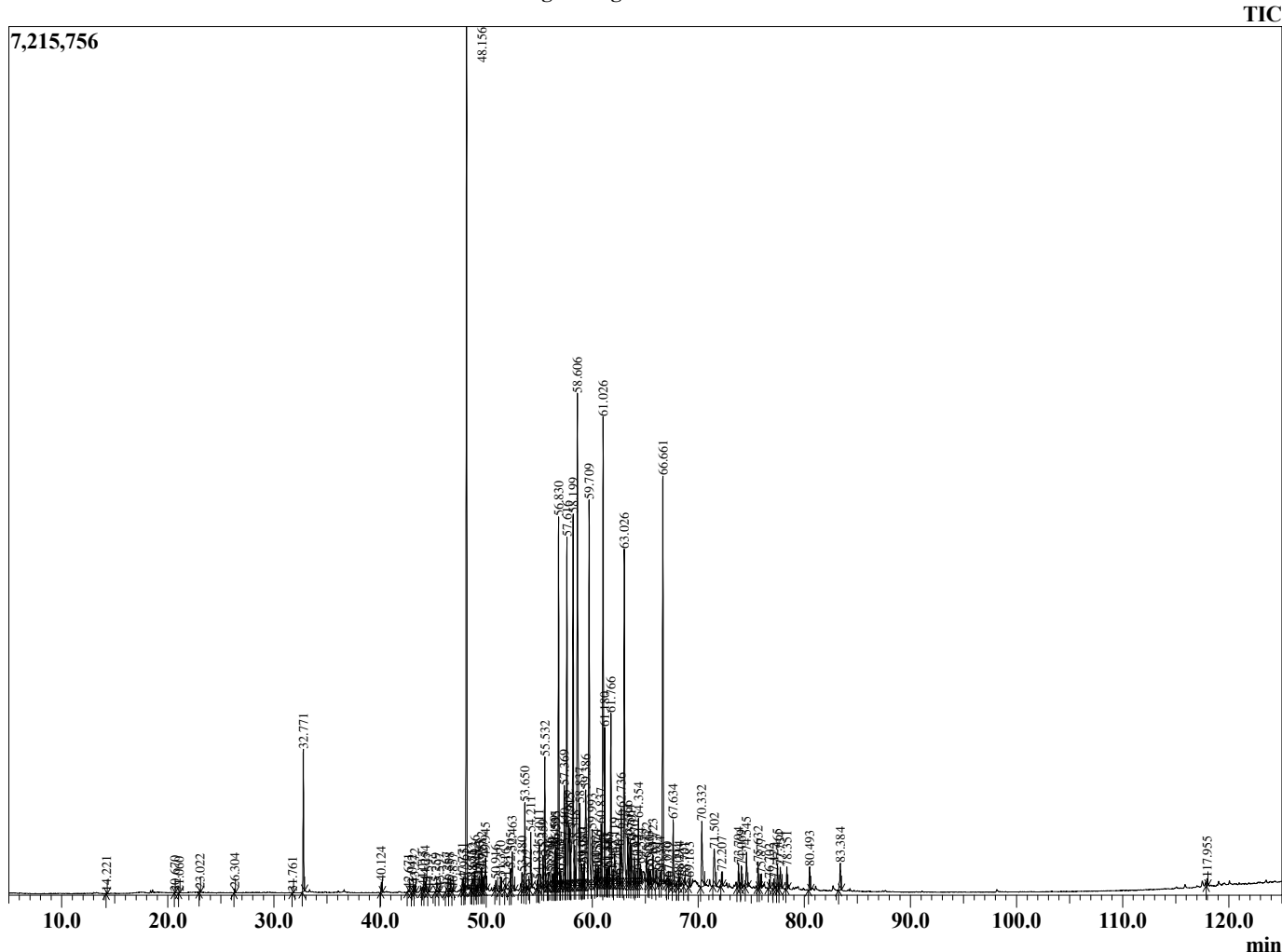
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/11/2021 6:08:44 AM
 Sample Type : Essential Oil
 Sample Name : Agarwood - Edens Garden
 Sample ID : BB12GA
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
14.221	Benzaldehyde	0.02
20.670	Acetophenone	0.01
21.060	cis-Linalool oxide (furanoid)	0.01
23.022	Linalool	0.03
26.304	Camphor	0.04
31.761	Citronellol	0.01
32.771	4-Phenyl-2-butanone	1.56
40.124	Eugenol	0.11
42.671	beta-Elementene	0.04
43.042	Ethyl decanoate	0.02
43.272	Unidentified	0.09
44.013	Unidentified	0.06
44.254	Unidentified	0.14
44.597	trans-beta-Caryophyllene	0.04
45.259	Unidentified	0.03
45.597	alpha-Guaiene	0.03
46.267	Unidentified	0.06
46.558	Unidentified	0.05
46.857	alpha-Humulene	0.03
47.771	Drima-7,9(11)-diene	0.16
47.965	Selina-4,11-diene	0.07
48.156	Unidentified	10.73
48.655	Unidentified	0.05
48.712	Unidentified	0.21
48.936	beta-Vetispirene	0.23
49.148	Eremophilene	0.07
49.363	Anisylacetone	0.24
49.582	Unidentified	0.27
49.727	alpha-Bulnesene	0.19
49.945	beta-Dihydroagarofuran	0.47
50.916	Unidentified	0.17
51.370	Kessane	0.18
51.816	Epiligulyl oxide	0.05
52.305	Unidentified	0.29
52.463	alpha-Agarofuran	0.68
53.380	Unidentified	0.23
53.650	Unidentified	1.03
53.872	Unidentified	0.07
54.211	Unidentified	0.68
54.834	Unidentified	0.10
55.011	Unidentified	0.66
55.359	Unidentified	0.39
55.532	Unidentified	1.60
55.850	Unidentified	0.09
55.936	Eudesm-5-en-11-ol	0.28
56.259	Unidentified	0.19
56.459	Unidentified	0.44
56.535	Unidentified	0.47
56.593	Unidentified	0.53
56.830	epi-gamma-Eudesmol	4.65
56.973	Unidentified	0.08
57.040	Unidentified	0.15
57.369	gamma-Eudesmol	1.45
57.440	Unidentified	0.39
57.616	Agarospirol	4.48
57.822	Unidentified	1.11
57.915	Unidentified	0.78
58.199	Unidentified	5.52
58.348	Unidentified	0.60
58.606	Valerianol + Unidentified	8.44
58.837	Unidentified	1.28
59.010	7-epi-alpha-Eudesmol	0.40

Chromatogram Agarwood - Edens Garden



Comments:

The analysis of this Agarwood batch sample meets the expected chemical profile for authentic essential oil of *Aquilaria crassna*. 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%
59.138	Unidentified	0.13
59.233	Bulnesol	0.34
59.386	Unidentified	2.19
59.709	Unidentified	5.18
59.993	Unidentified	1.01
60.324	Unidentified	0.25
60.451	Unidentified	0.10
60.576	Unidentified	0.18
60.837	Unidentified	0.81
61.026	Unidentified	6.94
61.180	Unidentified	2.11
61.330	Unidentified	0.18
61.447	Unidentified	0.20
61.565	Unidentified	0.23
61.766	Unidentified	2.33
61.925	Unidentified	0.10
62.119	Unidentified	0.67
62.440	Unidentified	0.18
62.616	Unidentified	0.47
62.736	Unidentified	1.17
63.026	Unidentified	4.49
63.366	Unidentified	0.70
63.564	Unidentified	0.74
63.701	Unidentified	0.67
63.970	Unidentified	0.36
64.192	Unidentified	0.27
64.354	Unidentified	0.86
64.544	Unidentified	0.27
65.122	Unidentified	0.38
65.333	Unidentified	0.23
65.430	Unidentified	0.16
65.723	Unidentified	0.38
66.013	Unidentified	0.17
66.384	Unidentified	0.17
66.661	Unidentified	5.56
67.070	beta-Vetivone	0.14
67.239	Unidentified	0.11
67.634	Unidentified	0.82
68.094	Unidentified	0.13
68.214	Unidentified	0.14
68.701	8-hydroxy-Eremophilone	0.11
69.183	Unidentified	0.11
70.332	Unidentified	1.14
71.502	Unidentified	0.81
72.207	Unidentified	0.17
73.794	Unidentified	0.30
74.069	Dihydrocolumellarin	0.28
74.545	Unidentified	0.55
75.632	Unidentified	0.33
75.877	Unidentified	0.16
76.702	Unidentified	0.13
77.122	Unidentified	0.12
77.465	Dibenzylacetone	0.32
77.734	Unidentified	0.35
78.351	Unidentified	0.27
80.493	Unidentified	0.28
83.384	Unidentified	0.42
117.955	Unidentified	0.10
		100.00