

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 8/4/2018 8:42:46 PM
 Sample Type : Essential Oil
 Sample Name : Myrrh - Edens Garden
 Sample ID : AH25GE
 Injection Volume : 0.10
 Instrument ID : GC-3

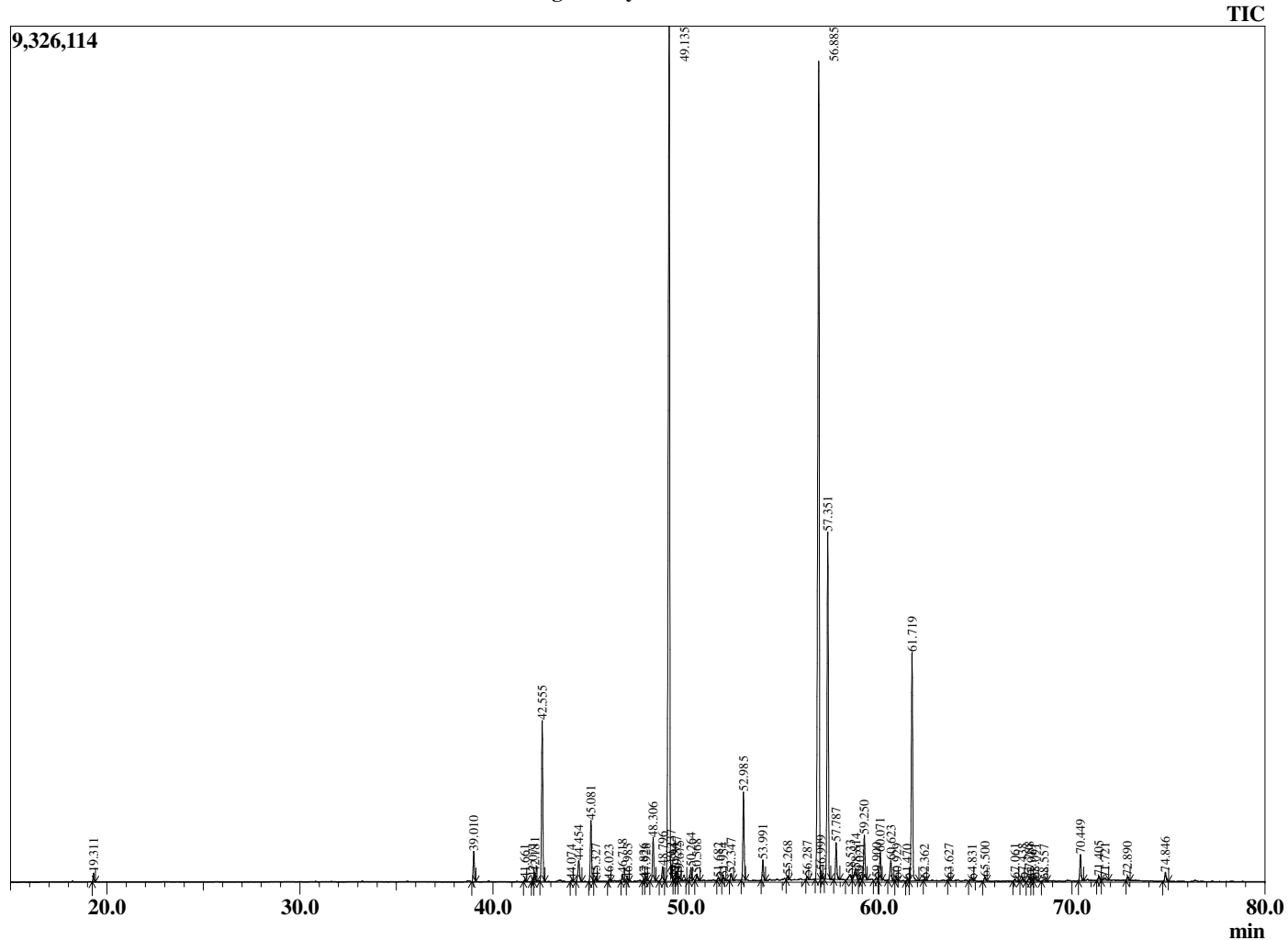


Peak Report TIC

R.Time	Name	Area%
19.311	trans-beta-Ocimene	0.20
39.010	delta-Elemene	0.85
41.661	alpha-Copaene	0.06
42.071	Elemene isomer	0.11
42.181	Beta-Bourbonene	0.26
42.555	beta-Elemene	4.62
44.074	cis-alpha-Bergamotene	0.05
44.454	beta-Caryophyllene	0.83
45.081	gamma-Elemene	1.83
45.327	trans-alpha-Bergamotene	0.08
46.023	Unidentified	0.06
46.718	alpha-Humulene	0.22
46.983	Alloaromadendrene	0.08
47.826	Selina-4,11-diene	0.05
47.928	trans-Cadina-1(6),4-diene	0.07
48.306	Germacrene D	1.32
48.796	beta-Selinene	0.50
49.135	Curzerene	29.87
49.237	alpha-Selinene	0.07
49.394	alpha-Murolene	0.05
49.527	alpha-Bisabolene	0.26
49.675	Unidentified	0.14
50.264	gamma-Cadinene	0.39
50.568	delta-Cadinene	0.23
51.682	Eremophilene isomer	0.09
51.954	Selina-3,7(11)-diene	0.11
52.347	Elemol	0.22
52.985	Germacrene B	2.64
53.991	Unidentified	0.60
55.268	trans-beta-Elemenone	0.12
56.287	1,10-di-epi-Cubanol	0.10
56.885	Furanouedesma-1,3-diene	28.33
56.999	Unidentified	0.22
57.351	Lindestrene	10.39
57.787	alpha-Murolol (=Torreyol)	1.15
58.533	alpha-Eudesmol	0.36
58.814	Furanouedesma 1,4-diene	0.68
59.021	Unidentified	0.07
59.250	Unidentified	1.40
59.900	Unidentified	0.11
60.071	2-O-methyl-8,12-epoxygermacra-1(10),4,7,11	0.83
60.623	Germacrene	0.69
60.929	Unidentified	0.08
61.470	Unidentified	0.05
61.719	2-O-methyl-8,12-epoxygermacra-1(10),4,7,11	7.11
62.362	Unidentified	0.03
63.627	alpha-Bisabolol oxide A	0.07
64.831	Unidentified	0.12
65.500	Unidentified	0.15
67.061	Unidentified	0.08
67.438	Unidentified	0.07
67.788	Furanouedesmadiene isomer	0.18
67.919	Unidentified	0.05
68.091	Furanouedesmadiene isomer	0.11
68.557	Unidentified	0.09
70.449	Furanouedesmadiene isomer	0.86
71.405	Unidentified	0.14
71.721	Unidentified	0.13
72.890	Unidentified	0.12
74.846	Furanouedesmadiene isomer	0.29
		100.00

This report is not valid after 1 year of the report date.

Chromatogram Myrrh - Edens Garden



Comments:

The analysis of this Myrrh batch sample meets the expected chemical profile for authentic essential oil of *Commiphora myrrha*. No contamination or adulteration was detected.