

Sample Information

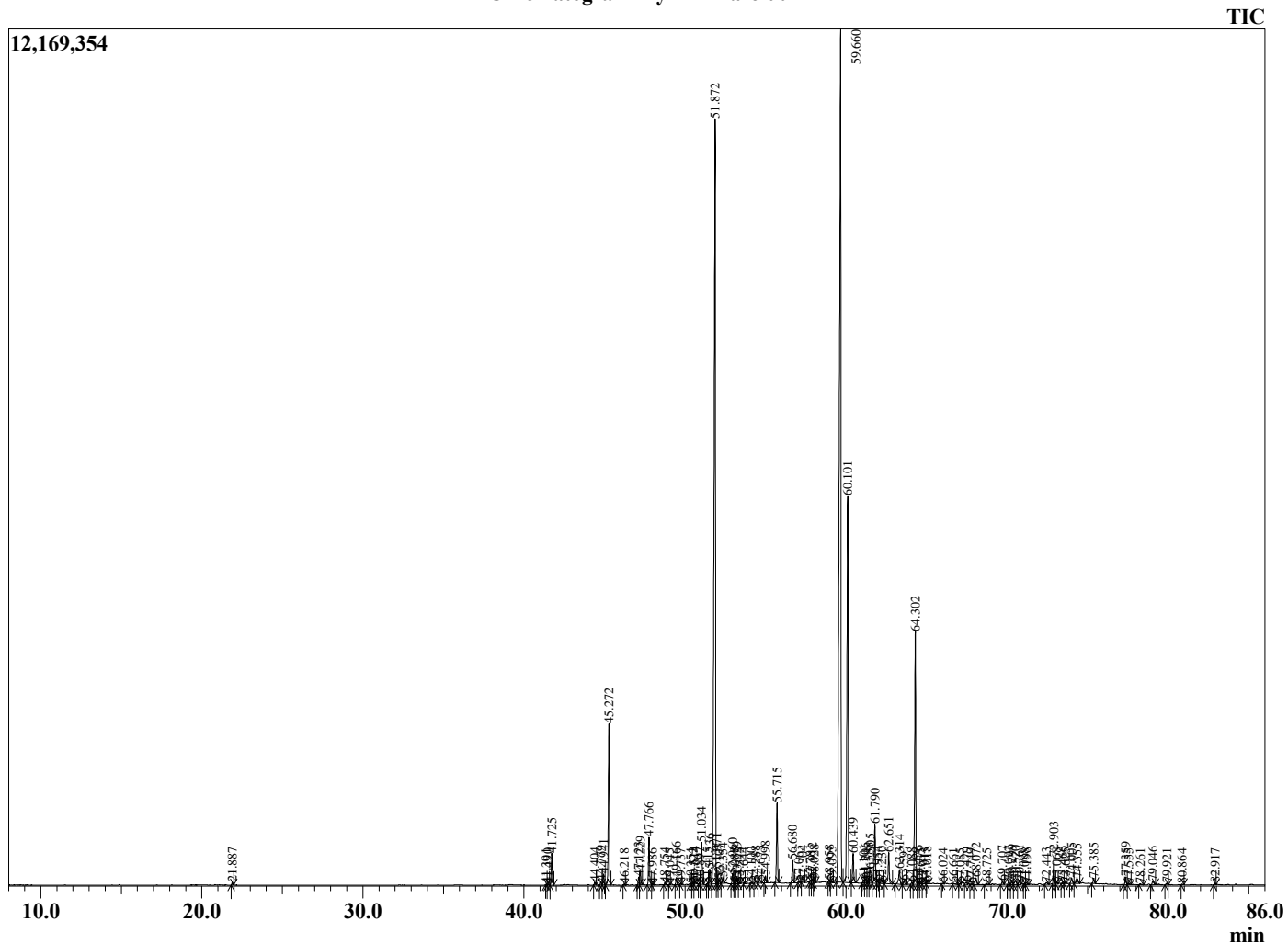
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 11/19/2020 10:31:56 PM
 Sample Type : Essential Oil
 Sample Name : Myrrh - Barefut
 Sample ID : 0107
 Injection Volume : 0.10
 Instrument ID: GC-3



Peak Report TIC

R.Time	Name	Area%
21.887	(E)-beta-Ocimene	0.06
41.391	Unidentified	0.02
41.490	Unidentified	0.02
41.725	delta-Elemene	0.77
44.404	alpha-Copaene	0.07
44.779	beta-Elemene	0.10
44.941	beta-Bourbonene	0.27
45.272	beta-Elemene	4.01
46.218	Cyperene	0.03
47.123	beta-Ylangene	0.20
47.229	trans-beta-Caryophyllene	0.35
47.766	gamma-Elemene	1.23
47.986	(E)-alpha-Bergamotene	0.03
48.754	Unidentified	0.06
49.045	Unidentified	0.01
49.466	alpha-Humulene	0.17
49.737	Unidentified	0.03
50.354	Unidentified	0.02
50.523	Unidentified	0.05
50.614	Unidentified	0.07
50.897	alpha-Amorphene	0.03
51.034	Germacrene D	1.05
51.415	Unidentified	0.03
51.536	beta-Selinene	0.38
51.872	Curzerene	26.44
51.971	alpha-Selinene	0.37
52.107	(Z)-alpha-Bisabolene	0.13
52.354	Unidentified	0.13
52.960	gamma-Cadinene	0.26
53.088	Unidentified	0.03
53.229	delta-Cadinene	0.17
53.375	Unidentified	0.03
53.644	Unidentified	0.02
54.100	Unidentified	0.02
54.388	Selina-4(15),7(11)-diene	0.08
54.673	Selina-3,7(11)-diene	0.09
54.998	alpha-Elemol	0.18
55.715	Germacrene B	1.97
56.680	Furanoeudesma-1,4-diene	0.60
57.063	Caryophyllene oxide	0.03
57.304	Unidentified	0.05
57.781	Unidentified	0.06
57.912	beta-Elemene	0.11
58.028	Curzerenone	0.07
58.958	Unidentified	0.06
59.095	Unidentified	0.03
59.660	Furanoeudesma-1,3-diene	33.97
60.101	Lindstrene	10.91
60.439	tau-Cadinol	0.82
61.101	Unidentified	0.09
61.206	alpha-Eudesmol	0.16
61.388	Selina-6-en-4-ol	0.15
61.505	Furanodiene	0.47
61.790	Intermedeol	1.57
61.954	Unidentified	0.06
62.230	Unidentified	0.08
62.651	2-Methoxyfuranodiene A	0.91
63.314	Germacrene	0.51
63.597	Unidentified	0.11
64.088	Unidentified	0.06
64.302	2-Methoxyfuranodiene B	6.66
64.476	Unidentified	0.11

Chromatogram Myrrh - Barefut



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. 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%
64.635	Unidentified	0.03
64.915	Unidentified	0.05
65.018	Unidentified	0.06
66.024	Unidentified	0.02
66.661	Unidentified	0.05
67.085	Unidentified	0.03
67.479	Unidentified	0.08
67.749	Unidentified	0.02
68.072	Unidentified	0.20
68.725	Unidentified	0.05
69.707	Unidentified	0.10
70.097	Unidentified	0.09
70.299	Acetoxymfuranodiene isomer	0.12
70.520	Unidentified	0.18
70.761	Unidentified	0.14
71.088	Unidentified	0.04
71.198	Unidentified	0.07
72.443	Unidentified	0.07
72.903	2-Acetoxymfuranodiene	0.73
73.068	Unidentified	0.06
73.466	Unidentified	0.06
73.625	Unidentified	0.03
74.005	Unidentified	0.18
74.355	Unidentified	0.19
75.385	2-Hydroxymfuranodiene	0.15
77.359	Unidentified	0.22
77.555	Unidentified	0.05
78.261	Unidentified	0.04
79.046	Unidentified	0.13
79.921	Unidentified	0.05
80.864	Unidentified	0.03
82.917	Unidentified	0.04
		100.00