

Sample Information

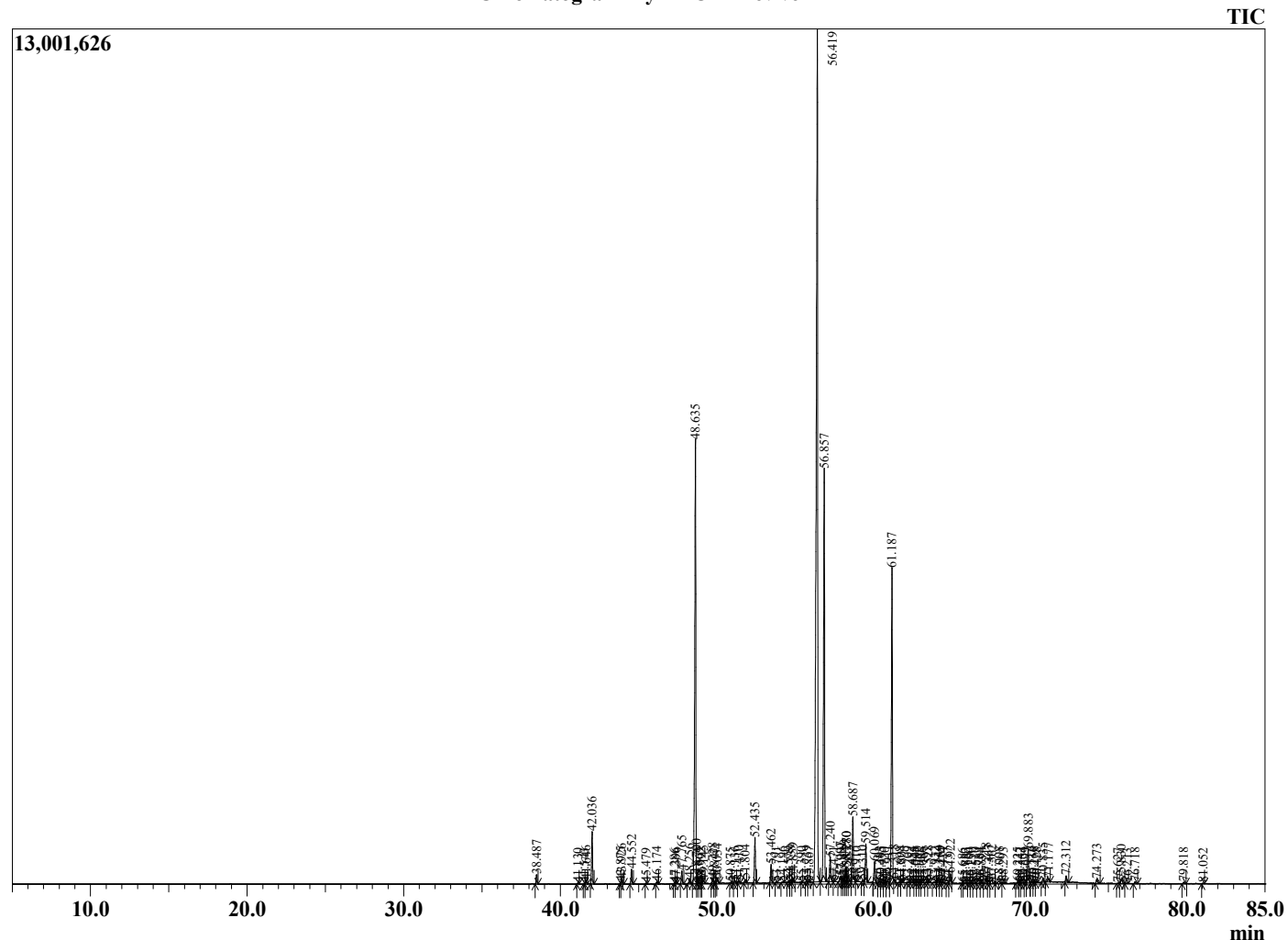
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/24/2022 6:02:00 PM
 Sample Type : Essential Oil
 Sample Name : Myrrh Oil - Revive
 Sample ID : 4D
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
38.487	delta-Elementene	0.30
41.130	alpha-Copaene	0.03
41.543	Elementene isomer	0.03
41.646	beta-Bourbonene	0.13
42.036	beta-Elementene	1.64
43.875	beta-Ylangene	0.05
43.926	beta-Caryophyllene	0.17
44.552	gamma-Elementene	0.49
45.479	Isogermacrene D	0.02
46.174	alpha-Humulene	0.08
47.286	Unidentified	0.02
47.396	trans-Cadina-1(6),4-diene	0.03
47.765	Germacrene D	0.43
48.256	beta-Selinene	0.21
48.635	Curzerene	15.61
48.700	alpha-Selinene	0.16
48.869	alpha-Murolene	0.04
48.992	(Z)-alpha-Bisabolene	0.03
49.145	Unidentified	0.13
49.728	gamma-Cadinene	0.18
49.847	Cubebol	0.02
50.034	delta-Cadinene	0.17
50.875	Unidentified	0.02
51.136	Selina-4(15),7(11)-diene	0.08
51.410	Selina-3,7(11)-diene	0.09
51.804	Elemol	0.12
52.435	Germacrene B	1.51
53.462	Unidentified	0.60
53.791	Caryophyllene oxide	0.03
54.196	Unidentified	0.03
54.579	Unidentified	0.06
54.739	beta-Elementene	0.10
54.859	Curzerenone	0.15
55.390	Humulene epoxide II	0.02
55.739	1,10-di-Epicubenol	0.05
55.867	Unidentified	0.03
56.419	Furanoeudesma-1,3-diene	40.02
56.857	Lindestrone	14.41
57.240	tau-Cadinol	0.88
57.471	Unidentified	0.02
57.907	Unidentified	0.25
57.981	Unidentified	0.17
58.149	Intermedeol	0.24
58.270	Furanodiene	0.43
58.280	Atractylone	0.33
58.475	Unidentified	0.07
58.687	Intermedeol	2.26
58.910	Unidentified	0.02
59.310	Unidentified	0.05
59.514	2-Methoxyfuranodiene A	1.22
60.069	Germacrone	0.81
60.383	Unidentified	0.09
60.495	Unidentified	0.07
60.720	Unidentified	0.02
60.911	Unidentified	0.09
61.187	2-Methoxyfuranodiene B	10.99
61.318	Unidentified	0.03
61.698	Unidentified	0.05
61.804	Unidentified	0.08
62.209	Unidentified	0.03
62.454	Unidentified	0.04
62.645	Unidentified	0.02

Chromatogram Myrrh Oil - Revive



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%
62.790	Unidentified	0.04
62.962	Unidentified	0.03
63.086	Unidentified	0.02
63.397	Unidentified	0.05
63.528	Unidentified	0.07
63.932	Unidentified	0.04
64.144	Unidentified	0.09
64.269	Unidentified	0.08
64.424	Unidentified	0.04
64.737	Unidentified	0.03
64.922	Hinesol acetate	0.37
65.686	Unidentified	0.02
65.883	Unidentified	0.04
66.100	Unidentified	0.02
66.250	Unidentified	0.03
66.510	Unidentified	0.05
66.784	Unidentified	0.03
66.894	Unidentified	0.06
67.218	2-Acetoxyfuranodiene	0.20
67.367	Unidentified	0.14
67.562	Unidentified	0.22
68.008	Unidentified	0.17
68.293	2-Acetoxyfuranodiene isomer	0.06
69.225	Unidentified	0.06
69.347	Unidentified	0.02
69.554	Unidentified	0.04
69.699	Unidentified	0.03
69.883	2-Acetoxyfuranodiene isomer	1.15
70.116	Unidentified	0.07
70.268	Unidentified	0.06
70.428	Unidentified	0.02
70.835	Unidentified	0.15
71.177	Unidentified	0.17
72.312	2-Hydroxyfuranodiene	0.23
74.273	Unidentified	0.17
75.627	Unidentified	0.02
75.830	Unidentified	0.20
76.213	Unidentified	0.03
76.718	Unidentified	0.07
79.818	Unidentified	0.06
81.052	Unidentified	0.02
		100.00