

Sample Information

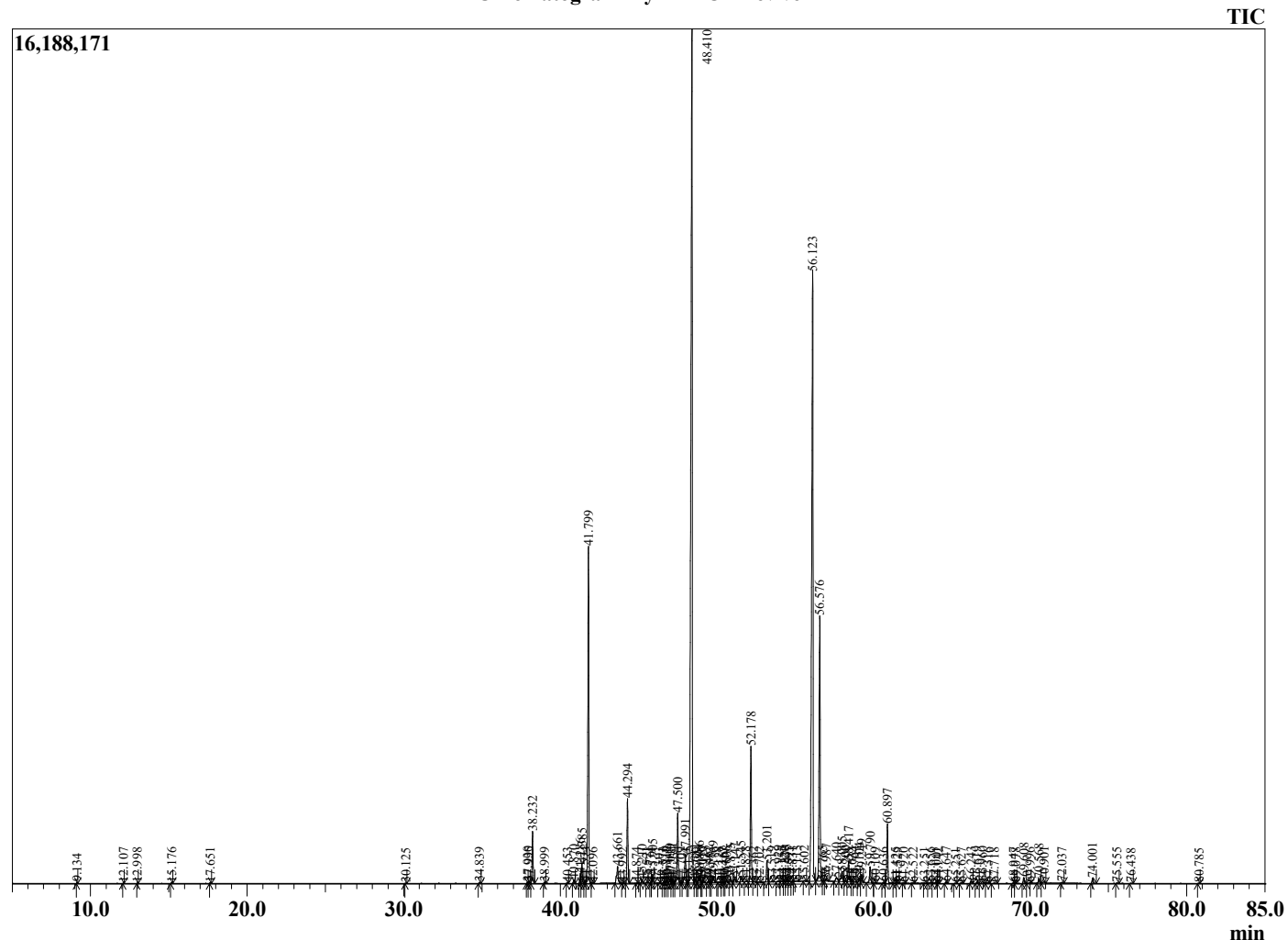
Analyzed by : Dr. Robert S. Pappas
Analyzed : 03/20/2024 12:47:59 PM
Sample Type : Essential Oil
Sample Name : Myrrh EO
Sample ID : 4L
Injection Volume : 0.10
Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
9.134	para-Xylene	0.02
12.107	alpha-Pinene	0.01
12.998	Camphene	0.01
15.176	Myrcene	0.02
17.651	Limonene	0.02
30.125	Unidentified	0.01
34.839	Bornyl acetate	0.03
37.930	Unidentified	0.04
37.995	Elemene isomer	0.06
38.232	delta-Elemene	1.45
38.999	alpha-Cubebene	0.03
40.453	Isodene	0.02
40.870	alpha-Copaene	0.11
41.286	Elemene isomer	0.27
41.385	beta-Bourbonene	0.56
41.574	alpha-Bourbonene	0.05
41.799	beta-Elemene	10.05
42.096	Unidentified	0.01
43.661	beta-Caryophyllene	0.73
43.992	Unidentified	0.01
44.294	gamma-Elemene	2.41
44.874	Unidentified	0.01
45.210	Isogermacrene D	0.11
45.521	6,9-Guanidiene	0.03
45.774	trans-beta-Farnesene	0.01
45.905	alpha-Humulene	0.27
46.303	Unidentified	0.01
46.571	Spathulenol	0.01
46.710	beta-Copaene	0.04
46.812	Drimadiene analog	0.05
47.019	Selina-4,11-diene	0.16
47.131	gamma-Murolene	0.15
47.234	Amorpha-4,7(11)-diene	0.05
47.500	Germacrene D	2.08
47.709	Unidentified	0.01
47.991	beta-Selinene	0.94
48.155	Unidentified	0.04
48.410	Curzerene	35.16
48.611	alpha-Murolene	0.11
48.729	Unidentified	0.02
48.886	Unidentified	0.27
49.010	Unidentified	0.02
49.127	Unidentified	0.08
49.462	gamma-Cadinene	0.06
49.583	Cubebol	0.02
49.769	delta-Cadinene	0.23
50.128	Unidentified	0.04
50.357	Unidentified	0.01
50.467	Unidentified	0.01
50.608	Unidentified	0.05
50.875	Selina-4(15),7(11)-diene	0.11
51.147	Selina-3,7(11)-diene	0.14
51.545	Elemol	0.17
51.828	Unidentified	0.01
52.178	Germacrene B	4.06
52.362	Unidentified	0.02
52.702	Unidentified	0.02
53.201	Furanocudesma-1,4-diene	0.63
53.519	Caryophyllene oxide	0.04
53.929	Unidentified	0.05
54.155	Unidentified	0.02
54.320	Unidentified	0.04

Chromatogram Myrrh EO - Revive



Comments:

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

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R.Time	Name	Area%
54.475	beta-Elementone	0.07
54.595	Unidentified	0.01
54.831	Unidentified	0.01
55.113	Caryophyllene oxide	0.04
55.602	Unidentified	0.02
56.123	Furanoeudesma-1,3-diene	24.31
56.576	Lindestrene	8.46
56.765	Unidentified	0.01
56.987	Unidentified	0.09
57.640	Unidentified	0.23
58.005	Furanodiene	0.51
58.200	Germacrone	0.04
58.417	Intermedeol	0.64
58.633	Unidentified	0.01
58.764	Unidentified	0.01
59.104	Unidentified	0.15
59.249	2-Methoxyfuranodiene A	0.24
59.790	Germacrone analog	0.59
60.109	Unidentified	0.04
60.636	Unidentified	0.03
60.897	2-Methoxyfuranodiene B	1.84
61.425	Unidentified	0.02
61.529	Unidentified	0.03
61.920	Unidentified	0.02
62.522	Unidentified	0.02
63.251	Unidentified	0.02
63.656	Zizanol	0.05
64.001	Nootkatol	0.08
64.142	Unidentified	0.02
64.647	Eudesmol isomer	0.05
65.251	Unidentified	0.01
65.627	Nootkatone	0.03
66.243	Unidentified	0.08
66.619	Unidentified	0.06
66.960	Acetoxifyfuranodiene analog	0.10
67.316	Unidentified	0.05
67.718	Furanodiene analog	0.03
68.947	Unidentified	0.02
69.078	Unidentified	0.02
69.608	2-Acetoxifyfuranodiene	0.18
69.996	Unidentified	0.02
70.568	Furanodiene analog	0.14
70.901	Unidentified	0.07
72.037	2-Hydroxyfuranodiene	0.02
74.001	Unidentified	0.18
75.555	Unidentified	0.02
76.438	Unidentified	0.02
80.785	Unidentified	0.01
		100.00