

Sample Information

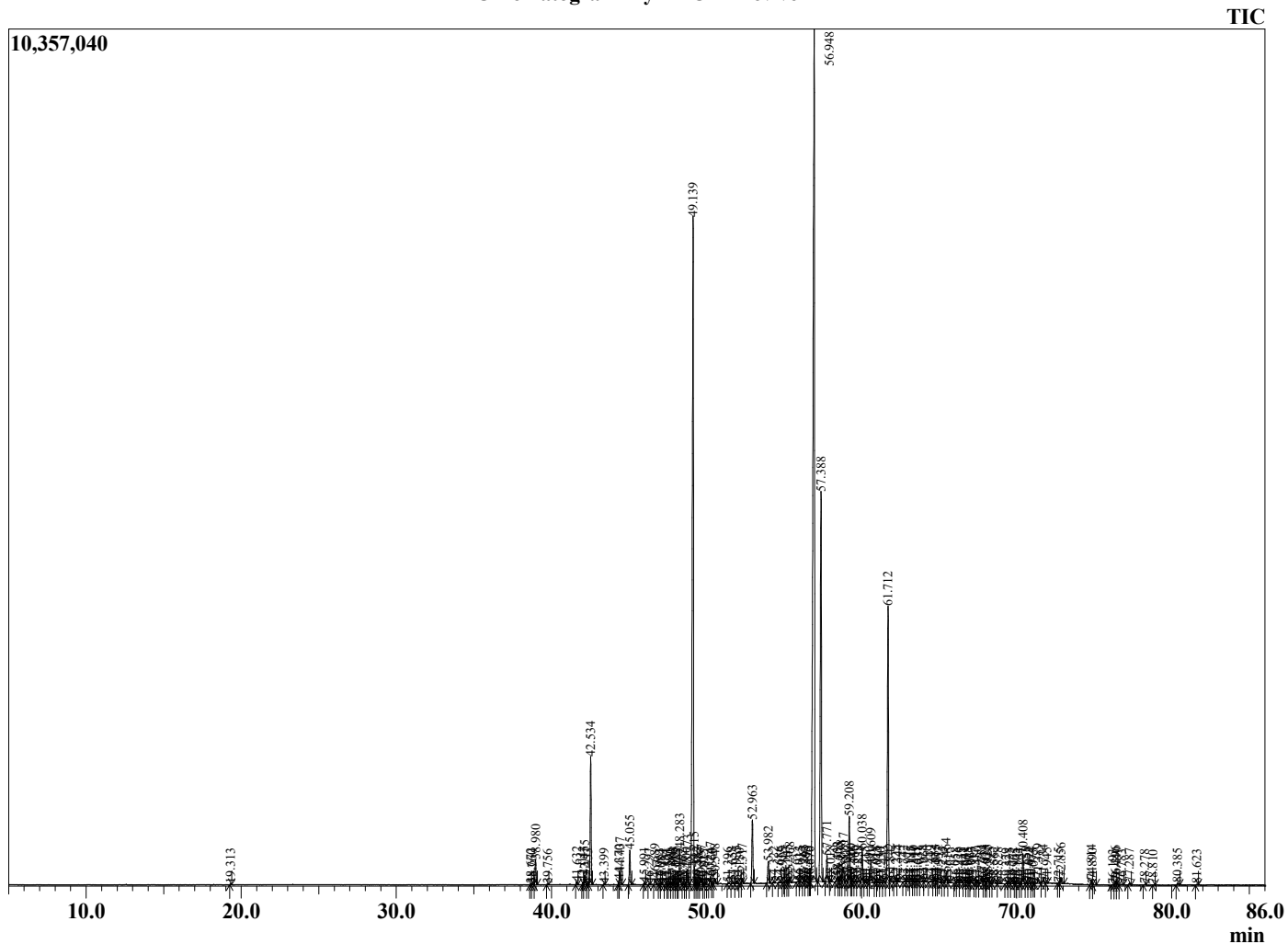
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/17/2023 10:55:39 AM
 Sample Type : Essential Oil
 Sample Name : Myrrh Oil - Revive
 Sample ID : 1Y
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
19.313	trans-beta-Ocimene	0.02
38.672	Elemene isomer	0.02
38.760	Unidentified	0.02
38.980	delta-Elemene	0.63
39.756	alpha-Cubebene	0.02
41.632	alpha-Copaene	0.07
42.043	Elemene isomer	0.06
42.155	beta-Bourbonene	0.25
42.353	alpha-Bourbonene	0.03
42.534	beta-Elemene	3.31
43.399	Cyperene	0.02
44.370	beta-Ylangene	0.08
44.437	beta-Caryophyllene	0.36
45.055	gamma-Elemene	0.93
45.991	Isogermacrene D	0.05
46.297	6,9-Guanidiene	0.02
46.689	alpha-Humulene	0.17
46.963	Alloaromadendrene	0.03
47.084	Rotundene	0.02
47.334	Unidentified	0.01
47.501	Unidentified	0.02
47.596	4,5-di-epi-Aristolochene	0.02
47.804	Selina-4,11-diene	0.07
47.908	trans-Cadina-1(6),4-diene	0.09
48.029	Unidentified	0.03
48.165	Unidentified	0.03
48.283	Germacrene D	0.96
48.462	Unidentified	0.01
48.700	Valencene	0.05
48.773	beta-Selinene	0.42
49.139	Curzerene	22.17
49.215	alpha-Selinene	0.28
49.382	alpha-Murolene	0.08
49.485	(Z)-alpha-Bisabolene	0.05
49.657	delta-Amorphene + Unidentified	0.16
49.825	Unidentified	0.02
49.917	beta-Bisabolene	0.02
50.247	gamma-Cadinene	0.21
50.360	Cubebol	0.02
50.548	delta-Cadinene	0.17
51.396	Unidentified	0.02
51.658	Selina-4(15),7(11)-diene	0.07
51.935	Selina-3,7(11)-diene	0.09
52.130	Unidentified	0.01
52.317	alpha-Elemol	0.13
52.963	Germacrene B	1.73
53.982	Unidentified	0.58
54.322	Caryophyllene oxide	0.03
54.686	Unidentified	0.04
54.915	Unidentified	0.02
55.107	Unidentified	0.07
55.255	beta-Elemenone	0.08
55.368	Curzerenone	0.15
55.912	Unidentified	0.04
56.035	Unidentified	0.01
56.263	1,10-di-epi-Cubanol	0.06
56.393	Unidentified	0.04
56.595	Unidentified	0.01
56.670	Unidentified	0.01
56.948	Furanocudesma-1,3-diene	36.03
57.388	Lindstrene	12.01
57.771	epi-alpha-Cadinol	0.75

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%
58.018	Unidentified	0.02
58.453	Unidentified	0.20
58.508	epi-alpha-Muurolol + alpha-Eudesmol	0.13
58.678	Selin-11-en-4-alpha-ol	0.21
58.817	Furanodiene	0.57
59.007	Germacrone analogue	0.06
59.208	Intermedeol	1.83
59.300	Unidentified	0.05
59.446	Unidentified	0.04
59.566	Unidentified	0.05
59.838	Unidentified	0.08
60.038	2-Methoxyfuranodiene A	0.92
60.215	Unidentified	0.02
60.490	Unidentified	0.02
60.609	Germacrone	0.63
60.918	Unidentified	0.07
61.015	Unidentified	0.05
61.250	Unidentified	0.02
61.443	14-Hydroxy-9-epi-Z-Caryophyllene + Uniden	0.06
61.712	2-Methoxyfuranodiene B	7.91
61.842	Unidentified	0.14
62.225	Unidentified	0.05
62.344	14-Hydroxy-9-epi-E-Caryophyllene	0.06
62.742	Unidentified	0.02
62.977	Unidentified	0.03
63.185	Unidentified	0.02
63.340	Unidentified	0.03
63.511	Unidentified	0.02
63.631	Unidentified	0.02
63.928	Unidentified	0.06
64.064	Unidentified	0.06
64.449	Unidentified	0.05
64.684	Unidentified	0.08
64.815	Nootkatol	0.06
64.953	Unidentified	0.03
65.235	Unidentified	0.03
65.464	alpha-Eudesmol acetate	0.30
65.615	Unidentified	0.02
66.058	Unidentified	0.01
66.226	Unidentified	0.02
66.435	Unidentified	0.02
66.641	Unidentified	0.01
66.808	Unidentified	0.02
66.915	Unidentified	0.01
67.063	Unidentified	0.04
67.317	Unidentified	0.02
67.450	Unidentified	0.04
67.751	2-Acetoxyfuranodiene analogue	0.14
67.913	Unidentified	0.10
68.025	Unidentified	0.07
68.125	Unidentified	0.14
68.295	Unidentified	0.02
68.562	Unidentified	0.10
68.828	Unidentified	0.03
69.329	Unidentified	0.02
69.525	Unidentified	0.01
69.772	Unidentified	0.04
69.905	Unidentified	0.01
70.102	Unidentified	0.02
70.251	Unidentified	0.03
70.408	2-Acetoxyfuranodiene	0.82
70.658	Unidentified	0.06
70.822	Unidentified	0.07

R.Time	Name	Area%
70.974	Unidentified	0.03
71.075	Unidentified	0.01
71.389	2-Hydroxyfuranodiene	0.17
71.734	Unidentified	0.15
71.945	Unidentified	0.02
72.715	Unidentified	0.02
72.856	Unidentified	0.17
74.814	Unidentified	0.14
74.890	Unidentified	0.03
76.193	Unidentified	0.02
76.396	Unidentified	0.11
76.440	Unidentified	0.06
76.783	Unidentified	0.03
77.287	Unidentified	0.06
78.278	Unidentified	0.02
78.810	Unidentified	0.01
80.385	Unidentified	0.06
81.623	Unidentified	0.02
		100.00