

Sample Information

Analyzed by : Dr. Robert S. Pappas
 Analyzed : 8/27/2019 3:49:25 AM
 Sample Type : Essential Oil
 Sample Name : Myrrh - Barefut
 Sample ID : 0105
 Injection Volume : 0.10
 Instrument ID : GC-2

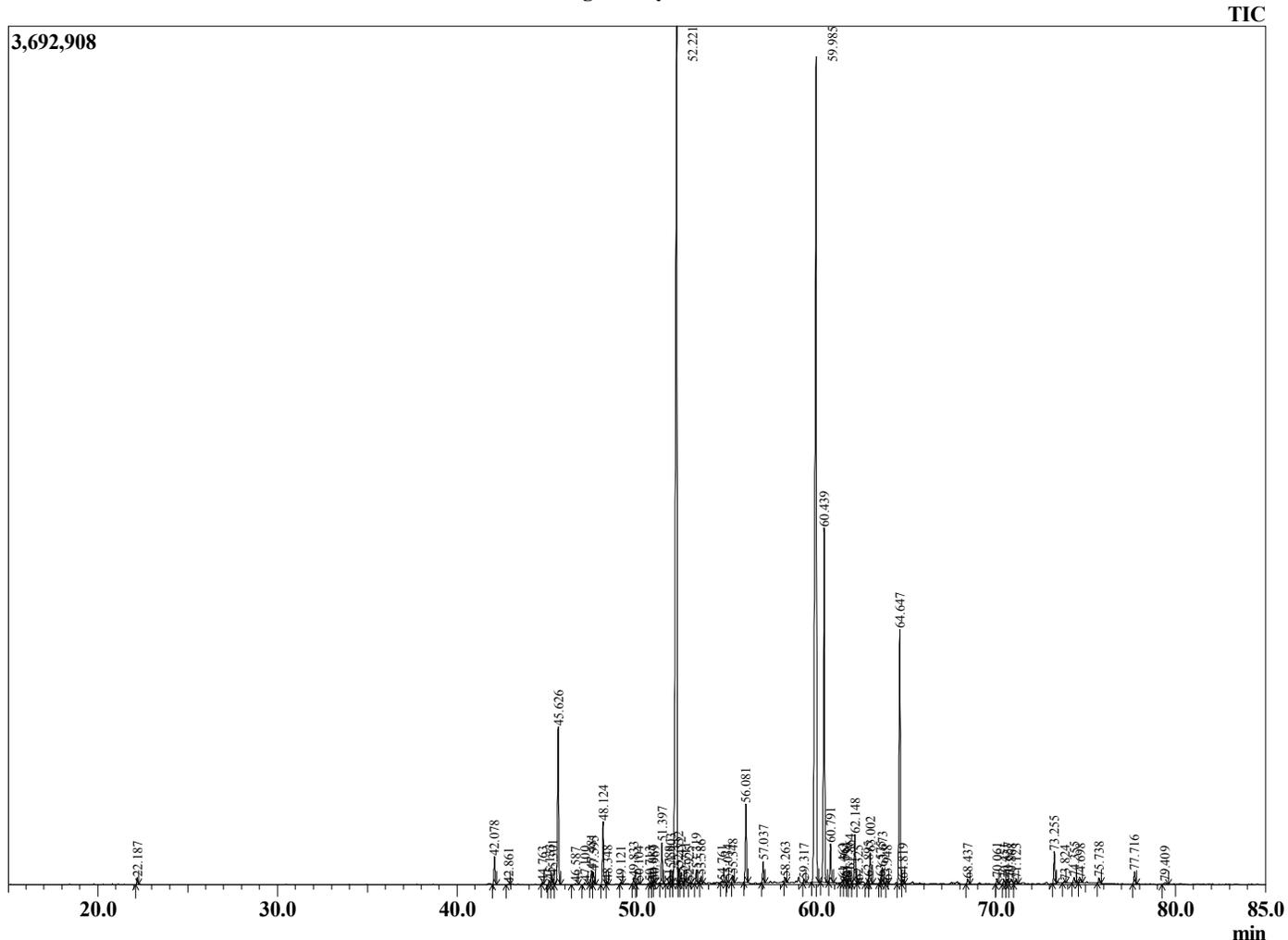


Peak Report TIC

R.Time	Name	Area%
22.187	E-beta-Ocimene	0.16
42.078	delta-Elemene	0.72
42.861	alpha-Cubebene	0.01
44.763	alpha-Copaene	0.05
45.133	Elemene isomer	0.10
45.301	beta-Bourbonene	0.21
45.626	beta-Elemene	4.07
46.587	Cyperene	0.01
47.100	cis-alpha-Bergamotene	0.04
47.481	alpha-Santalene	0.37
47.595	beta-Caryophyllene	0.33
48.124	gamma-Elemene	1.69
48.348	trans-alpha-Bergamotene	0.08
49.121	Myrrh unidentified	0.04
49.833	alpha-Humulene	0.17
50.104	Alloaromadendrene	0.06
50.713	Myrrh unidentified	0.02
50.887	Myrrh unidentified	0.04
50.969	trans-Cadina-1(6),4-diene	0.04
51.397	Germacrene D	1.07
51.788	Myrrh unidentified	0.06
51.903	beta-Selinene	0.35
52.221	Curzerene	30.77
52.332	alpha-Selinene	0.40
52.472	Z-alpha-Bisabolene	0.30
52.711	Myrrh unidentified	0.11
52.925	beta-Bisabolene	0.04
53.319	gamma-Cadinene	0.36
53.586	delta-Cadinene	0.19
54.761	Selina-4(15),7(11)-diene	0.07
55.034	Selina-3,7(11)-diene	0.06
55.348	alpha-Elemol	0.19
56.081	Germacrene B	2.07
57.037	Furanoeudesma-1,4-diene	0.57
58.263	beta-Elemenone	0.11
59.317	Cubanol	0.10
59.985	Furanoeudesma-1,3-diene	30.01
60.439	Lindstrene	9.90
60.791	alpha-Muurolol	1.07
61.463	Myrrh unidentified	0.09
61.561	alpha-Eudesmol	0.20
61.736	Myrrh unidentified	0.11
61.864	Furanodiene	0.46
62.148	Intermedeol	1.41
62.325	Myrrh unidentified	0.06
62.895	Myrrh unidentified	0.15
63.002	2-Methoxyfuranodiene A	0.88
63.575	Rotundene	0.13
63.673	Germacrene	0.47
63.948	Myrrh unidentified	0.08
64.647	2-Methoxyfuranodiene B	7.16
64.819	Myrrh unidentified	0.10
68.437	Guaiac acetate	0.15
70.061	Myrrh unidentified	0.14
70.451	Myrrh unidentified	0.13
70.657	acetoxy-Furanodiene isomer	0.15
70.868	Myrrh unidentified	0.20
71.123	Myrrh unidentified	0.12
73.255	2-acetoxy-Furanodiene	0.86
73.824	Myrrh unidentified	0.07
74.355	Myrrh unidentified	0.16
74.698	Columellarin	0.12

This report is valid for 1 year from the analyzed date.

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.

R.Time	Name	Area%
75.738	Myrrh unidentified	0.14
77.716	Myrrh unidentified	0.34
79.409	Myrrh unidentified	0.08
		100.00