

Sample Information

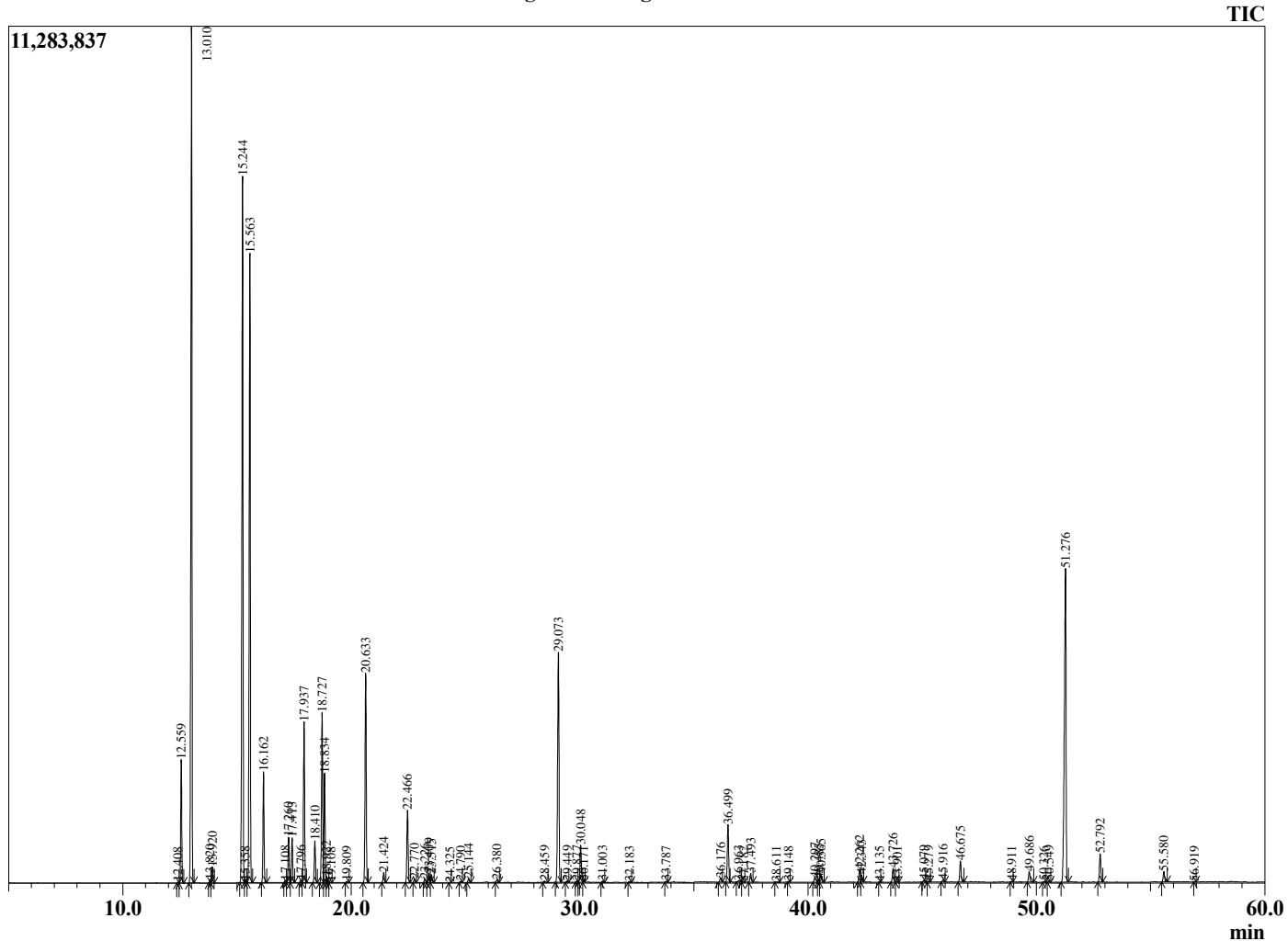
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/2/2020 1:44:45 AM
 Sample Type : Essential Oil
 Sample Name : Nutmeg Oil-Davina Wellness
 Sample ID : G0D0818M
 Injection Volume : 0.10
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
12.408	Tricyclene	0.02
12.559	alpha-Thujene	2.47
13.010	alpha-Pinene	18.73
13.820	alpha-Fenchene	0.07
13.920	Camphene	0.33
15.244	Sabinene	16.51
15.358	Unidentified	0.02
15.563	beta-Pinene	14.28
16.162	Myrcene	2.38
17.108	Pseudolimonene	0.04
17.260	alpha-Phellandrene	1.02
17.413	delta-3-Carene	1.00
17.796	1,4-Cineole	0.05
17.937	alpha-Terpinene	3.75
18.410	para-Cymene	0.96
18.727	Limonene	4.04
18.834	beta-Phellandrene	2.39
18.922	1,8-Cineole	0.13
19.108	(Z)-beta-Ocimene	0.02
19.809	(E)-beta-Ocimene	0.03
20.633	gamma-Terpinene	5.06
21.424	trans-Sabinene hydrate	0.25
22.466	Terpinolene	1.79
22.770	para-Cymenene	0.09
23.226	1-Adamantanol	0.09
23.409	Linalool	0.23
23.515	cis-Sabinene hydrate	0.20
24.325	Unidentified	0.01
24.790	alpha-Fenchol	0.03
25.144	cis-Menth-2-en-1-ol	0.11
26.380	trans-Menth-2-en-1-ol	0.07
28.459	Borneol	0.05
29.073	Terpinen-4-ol	6.22
29.449	para-Cymen-8-ol	0.03
29.877	Unidentified	0.03
30.048	alpha-Terpineol	0.98
30.171	cis-Piperitol	0.02
31.003	trans-Piperitol	0.04
32.183	Citronellol	0.02
33.787	Geraniol	0.02
36.176	Bornyl acetate	0.12
36.499	Safrole	1.56
36.963	Unidentified	0.06
37.182	Unidentified	0.01
37.493	Unidentified	0.24
38.611	Unidentified	0.02
39.148	Unidentified	0.01
40.297	alpha-Terpinyl acetate	0.17
40.485	Citronellyl acetate	0.07
40.565	Eugenol	0.24
42.262	alpha-Copaene	0.35
42.343	Geranyl acetate	0.19
43.135	Unidentified	0.01
43.726	Methyleugenol	0.38
43.901	Unidentified	0.02
45.079	beta-Caryophyllene	0.06
45.279	Unidentified	0.02
45.916	trans-alpha-Bergamotene	0.07
46.675	Isoeugenol	0.59
48.911	Germacrene D	0.02
49.686	Methyl isoeugenol	0.32
50.326	trans,trans-alpha-Farnesene	0.02

Chromatogram Nutmeg Oil-Davina Wellness



Comments:

The analysis of this Nutmeg batch sample meets the expected chemical profile for authentic essential oil of *Myristica fragrans*. 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%
50.549	beta-Bisabolene	0.04
51.276	Myristicin	10.70
52.792	Elimicin	0.81
55.580	Methoxyeugenol	0.30
56.919	Unidentified	0.01
64.736	Unidentified	0.02
		100.00