

Sample Information

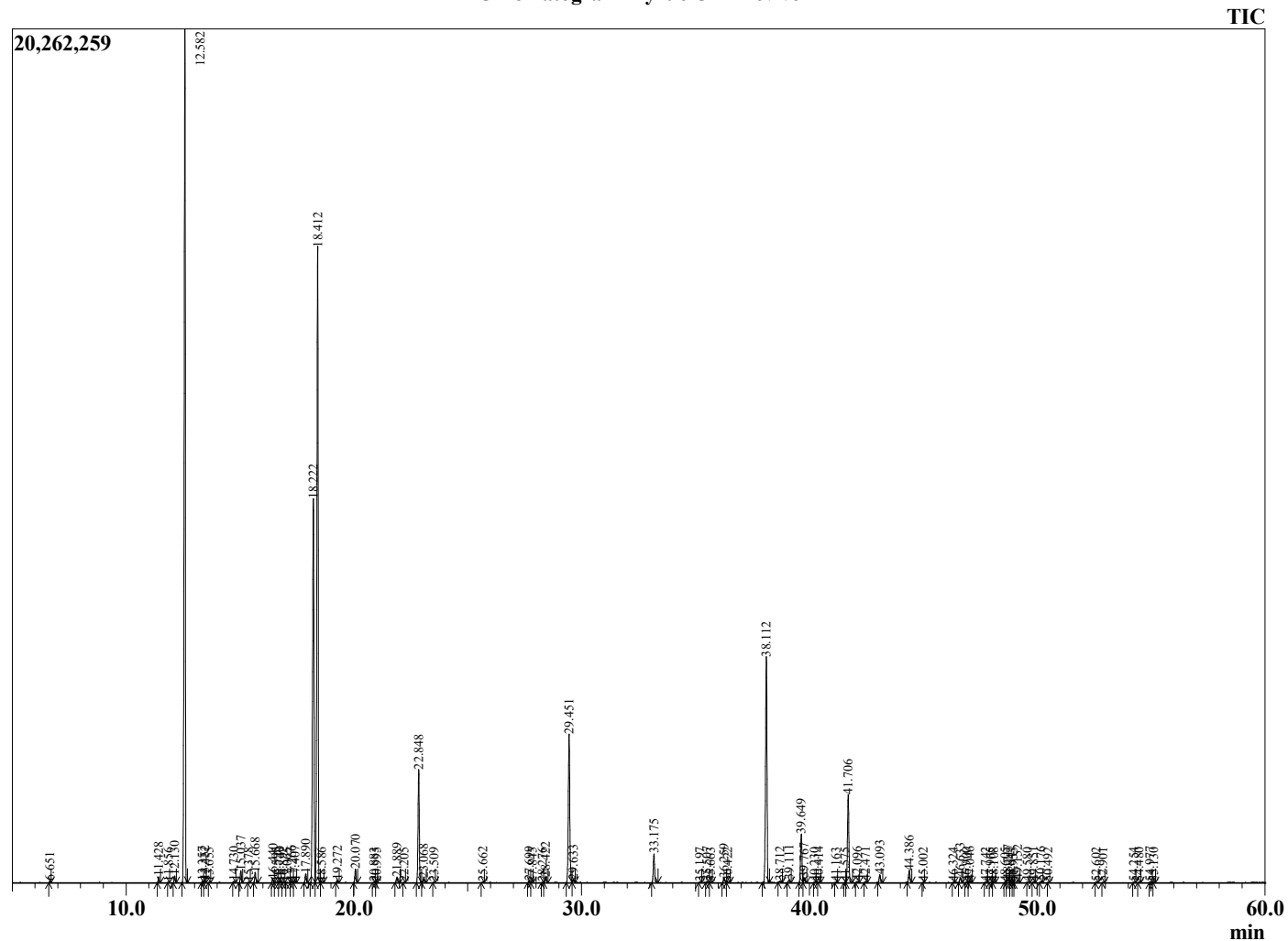
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 5/11/2023 8:54:45 AM
 Sample Type : Essential Oil
 Sample Name : Myrtle Oil - Revive
 Sample ID : 0G
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
6.651	Acetylbutyryl	0.03
11.428	Isobutyl isobutyrate	0.15
11.856	Hashishene	0.01
12.130	alpha-Thujene	0.19
12.582	alpha-Pinene	29.03
13.357	alpha-Fenchene	0.03
13.452	Camphene	0.07
13.655	Thuja-2,4(10)-diene	0.01
14.730	Sabinene	0.04
15.037	beta-Pinene	0.37
15.378	6-Methyl hept-5-en-2-one	0.01
15.668	Myrcene	0.33
16.440	Isobutyl 2-methylbutyrate	0.11
16.595	Pseudolimonene	0.04
16.740	alpha-Phellandrene	0.02
16.892	delta-3-Carene	0.01
17.065	Isoamyl isobutyrate	0.01
17.266	2-Methylbutyl isobutyrate	0.06
17.407	alpha-Terpinene	0.07
17.890	para-Cymene	0.28
18.222	Limonene	15.89
18.412	1,8-Cineole	23.21
18.586	cis-beta-Ocimene	0.03
19.272	trans-beta-Ocimene	0.08
20.070	gamma-Terpinene	0.44
20.883	cis-Linalool oxide (furanoid)	0.01
20.995	Unidentified	0.01
21.889	Terpinolene	0.19
22.205	para-Cymenene	0.01
22.848	Linalool	4.05
23.068	2-Methylbutyl-2-methylbutyrate	0.15
23.509	Unidentified	0.01
25.662	trans-Pinocarveol	0.03
27.699	delta-Terpineol	0.05
27.845	Unidentified	0.01
28.276	Citronellal	0.01
28.422	Terpinen-4-ol	0.21
29.451	alpha-Terpineol	6.36
29.633	Estragole	0.10
33.175	Geraniol	1.08
35.197	Unidentified	0.02
35.507	Bornyl acetate	0.04
35.663	Isobornyl acetate	0.01
36.259	trans-Pinocarvyl acetate	0.17
36.422	Unidentified	0.02
38.112	Myrtenyl acetate	9.34
38.712	Dihydrocarvyl acetate	0.06
39.111	Unidentified	0.11
39.649	alpha-Terpinyl acetate	1.93
39.767	gamma-Terpinyl acetate	0.18
40.230	Unidentified	0.01
40.414	Neryl acetate	0.02
41.163	Unidentified	0.01
41.575	Unidentified	0.01
41.706	Geranyl acetate	3.49
42.096	trans-Myrtenol acetate	0.04
42.471	beta-Elementene	0.04
43.093	Methyleugenol	0.30
44.386	beta-Caryophyllene	0.49
45.002	Unidentified	0.01
46.324	Unidentified	0.01
46.633	alpha-Humulene	0.21

Chromatogram Myrtle Oil - Revive



Comments:

The analysis of this Myrtle batch sample meets the expected chemical profile for authentic essential oil of *Myrtus communis*. 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%
46.900	Alloaromadendrene	0.02
47.046	Myrtenyl isobutyrate	0.06
47.742	Selina-4,11-diene	0.02
47.965	Unidentified	0.02
48.108	alpha-Amorphene	0.02
48.605	delta-Selinene	0.02
48.717	beta-Selinene	0.13
48.847	Viridiflorene	0.02
48.955	Unidentified	0.01
49.152	alpha-Selinene	0.12
49.580	Unidentified	0.01
49.851	Geranyl isobutyrate	0.04
50.176	Unidentified	0.05
50.492	delta-Cadinene	0.01
52.602	Unidentified	0.02
52.901	Germacrene B	0.01
54.254	Caryophyllene oxide	0.03
54.480	Globulol	0.02
54.977	Viridiflorol	0.03
55.130	Geranyl isovalerate	0.01
		100.00