

Sample Information

Analyzed by : T. Wortham  
 Analyzed : 1/25/2018 1:09:14 AM  
 Sample Type : Essential Oil  
 Sample Name : Peppermint  
 Injection Volume : 0.10  
 Lot Number : B0122N  
 Instrument ID : GC-3

Peak Report TIC

R.Time	Name	Area%
10.659	2,5-Diethyltetrahydrofuran	0.01
12.194	alpha-Thujene	0.02
12.610	alpha-Pinene	0.57
13.628	3-Methyl cyclohexanone	0.01
14.808	Sabinene	0.22
15.120	beta-Pinene	0.83
15.748	Myrcene	0.06
16.174	3-Octanol	0.22
16.305	Unidentified	0.02
17.491	alpha-Terpinene	0.04
17.973	para-Cymene	0.10
18.140	2-ethyl hexanol	0.03
18.271	Limonene	2.03
18.385	beta-Phellandrene	0.01
18.469	1,8-cineole	4.68
18.666	cis-beta-Ocimene	0.03
20.156	gamma-Terpinene	0.08
20.955	trans-Sabinene hydrate	0.11
21.980	Terpinolene	0.04
22.937	Linalool	0.07
26.308	Isopulegol	0.12
26.862	Menthone	19.33
27.039	Unidentified	0.08
27.142	trans-Pinocamphone	0.02
27.342	Menthofuran	2.37
27.451	Isomenthone	3.22
27.803	Neomenthol	3.43
28.169	trans-Isopulegone	0.03
28.438	Menthol	48.97
28.569	Terpinen-4-ol	0.23
28.953	para-Cymen-8-ol	0.01
29.113	Isomenthol	0.28
29.318	Neoisomenthol	0.08
29.542	alpha-Terpineol	0.10
30.920	Unidentified	0.02
31.690	Citronellol	0.01
32.325	cis-3-Hexenyl isovalerate	0.02
32.468	Pulegone	1.07
32.853	Carvone	0.04
33.524	Piperitone	0.56
34.831	Neomenthyl Acetate	0.18
36.021	Menthyl acetate	7.43
37.046	Isomenthol acetate	0.11
40.028	Eugenol	0.02
41.284	alpha-Ylangene	0.06
41.725	alpha-Bourbonene	0.07
42.083	Unidentified	0.10
42.224	beta-Bourbonene	0.12
42.594	beta-Elementene	0.02
43.490	Unidentified	0.05
43.879	Unidentified	0.07
44.519	beta-Caryophyllene	2.04
45.031	Unidentified	0.02
45.144	Unidentified	0.01
46.383	Humulen-(v1)	0.01
46.605	trans-beta-Farnesene	0.04
46.767	alpha-Humulene	0.18
48.352	Germacrene D	0.18
49.227	Unidentified	0.05
54.392	Caryophyllene oxide	0.08
55.122	Viridiflorol	0.02
		100.00

Chromatogram Mentha piperita

