

Healing Solutions Peppermint

This GC-MS analysis confirms the chemical distribution for this pure Peppermint matches that expected for the botanical name *Mentha Piperita*. All the constituents are within range and no synthetics or adulterants were found.



SPECTRIX LABS
GC/MS Analysis for
Fragrances & Flavors

Information from Data File:

File: C:\HPCHEM1\DATA\H-S017.D
Operator: SPECTRIX LABS, INC.

Method File: EVBME0

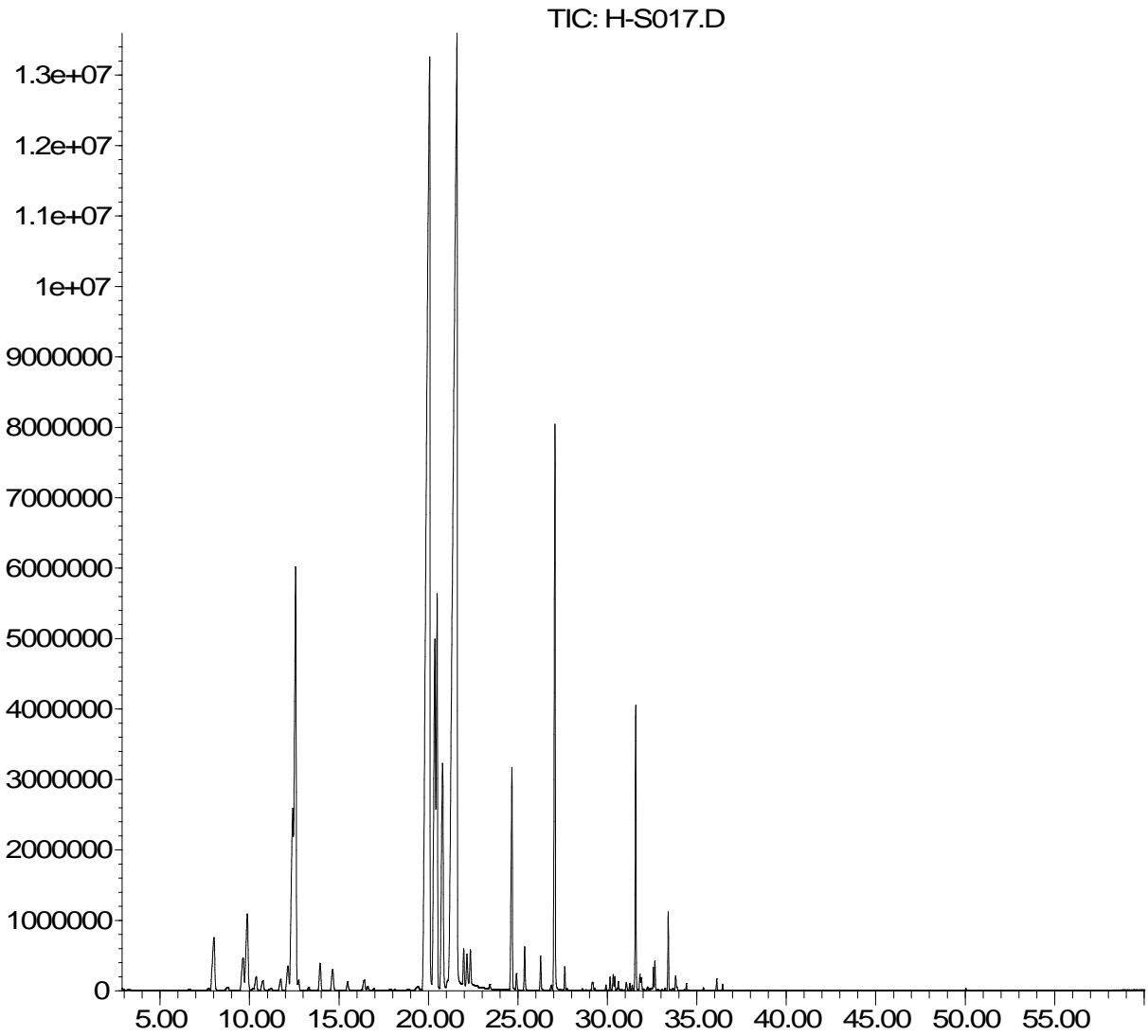
Sample Name: PEPPERMINT PHARMA PREMIUM (#2)

Misc Info: MAN INJ

Pk#	R/T	Area%	I.D.	CAS#
1	8.02	1.06	PINENE<ALPHA->	000080-56-8
2	9.64	0.59	SABINENE	003387-41-5
3	9.88	1.41	PINENE<BETA->	000127-91-3
4	10.38	0.27	MYRCENE	000123-35-3
5	10.75	0.17	OCTANOL<3->	000589-98-0
6	11.74	0.18	CARENE<DELTA-2->	000554-61-0
7	12.15	0.42	CYMENE<PARA->	000099-87-6
8	12.42	3.18	LIMONENE	000138-86-3
9	12.58	6.28	CINEOLE <1,8->	000470-82-6
10	12.74	0.12	OCIMENE<(Z)-BETA->	027400-71-1
11	13.95	0.37	TERPINENE<GAMMA->	000099-85-4
12	14.65	0.34	SABINENE HYDRATE<CIS->	017699-16-0
13	15.48	0.12	TERPINOLENE	000586-62-9
14	16.41	0.18	LINALOOL	000078-70-6
15	16.61	0.06	METHYL BUTYL 2-METHYL BUTANOATE<-3->	027625-35-0
16	19.42	0.09	ISOPULEGOL	121468-66-4
17	20.06	27.00	MENTHONE	000089-80-5
18	20.36	5.26	MENTHOFURAN	000494-90-6
19	20.49	4.20	MENTHONE<ISO->	000491-07-6
20	20.79	3.49	MENTHOL<ISO->	000490-99-3
21	21.59	31.37	MENTHOL	000089-78-1
22	21.97	0.41	MENTHOL<ISO->	000490-99-3
23	22.16	0.36	MENTHOL<NEOISO->	000491-02-1
24	22.35	0.44	TERPINEOL<ALPHA->	000098-55-5
25	23.43	0.05	PINOCAMPHONE<TRANS-2-HYDROXY	084236-04-4
26	24.66	2.26	PULEGONE	000089-82-7
27	24.92	0.14	CARVONE	000099-49-0
28	25.38	0.37	PIPERITONE	000089-81-6
29	26.28	0.28	MENTHYL ACETATE<NEO->	002230-87-7
30	26.88	0.03	ANETHOLE<E->	004180-23-8
31	27.07	5.12	MENTHYL ACETATE	000089-48-5
32	27.62	0.16	MENTHYL ACETATE<ISO->	020777-45-1
33	29.16	0.05	ISOMER OR BY-PRODUCT	
34	29.16	0.05	NEPETALACTONE<ISOMER>	
35	29.93	0.04	YLANGENE<ALPHA->	014912-44-8
36	30.15	0.09	COPAENE<ALPHA->	003856-25-5
37	30.33	0.13	ISOMER NOT FOUND	
38	30.41	0.09	BOURBONENE<BETA->	005208-59-3
39	30.62	0.09	ELEMENE<BETA->	000515-13-9
40	31.06	0.08	CARYOPHYLLENE <Z->	000118-65-0
41	31.25	0.06	DISTILLATION BY-PRODUCT?	
42	31.39	0.04	NOT FOUND	
43	31.58	2.05	CARYOPHYLLENE<E->	000087-44-5

44	31.82	0.11	NOT FOUND	
45	31.89	0.11	NOT FOUND	
46	32.24	0.03	NOT FOUND	
47	32.58	0.16	FARNESENE<(Z)-BETA->	028973-97-9
48	32.66	0.19	HUMULENE<ALPHA->	006753-98-6
49	33.41	0.51	GERMACRENE D	023986-74-5
50	33.82	0.13	BICYCLOGERMACRENE	024703-35-3
51	34.42	0.04	CADINENE<DELTA->	000483-76-1
52	36.12	0.08	CARYOPHYLLENE OXIDE	001139-30-6
53	36.44	0.04	VIRIDIFLOROL	000552-02-3
			99.95 % total analysed	

Abundance



Time-->