

4511 IAHB

Instrument 6890

C:\HPCHEM\2\DATA\2025\
45110000.D

Peppermint Org

HP-5 5% Phenyl Methyl Siloxane

4511 IAHB

30.000m

India

250.000um

Mentha Piperita

0.250um

Sample/Solvent: 0.05g/0.5g

Injection Amount: 0.2uL

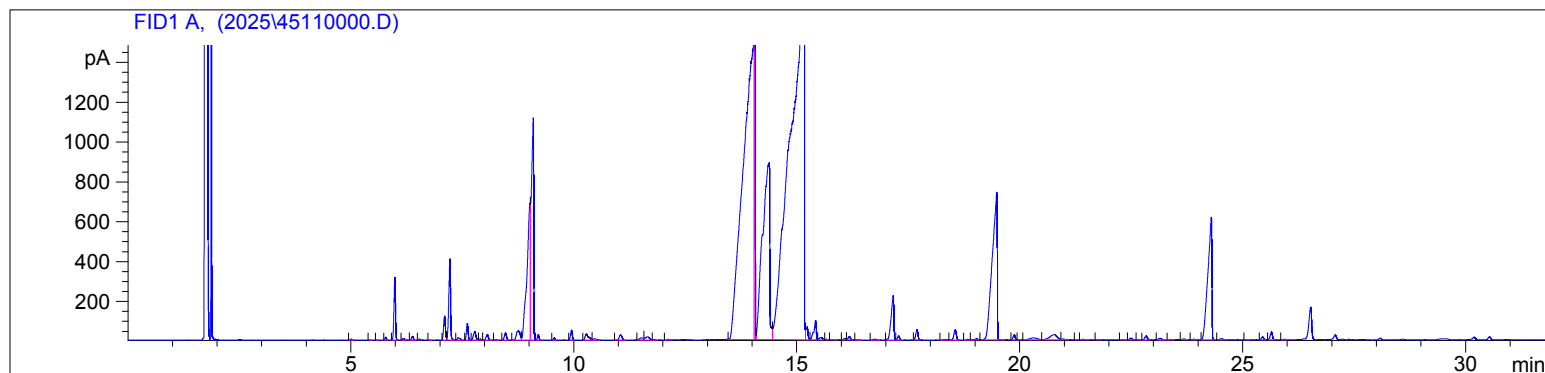
20:1 Split Ratio

10/7/2025 10:42:15 AM

10/7/2025

10/7/2025 10:42:15 AM

12:34:48 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		5.01	0.00	12.57	5.34	12.57	0.01
2		5.42	0.00	2.65	1.26	2.65	0.00
3		5.59	0.00	3.52	1.65	3.52	0.00
4	Alpha Thujene	5.78	0.00	31.95	14.64	31.95	0.03
5	Alpha Pinene	5.99	0.00	730.79	314.84	730.79	0.73
6		6.18	0.00	29.47	8.62	29.47	0.03
7	Camphene	6.39	0.00	54.77	19.53	54.77	0.05
8		6.54	0.00	13.22	5.15	13.22	0.01
9		6.76	0.00	2.62	1.04	2.62	0.00
10	Sabinene	7.10	0.00	341.85	120.04	341.85	0.34
11	Beta Pinene	7.23	0.00	1110.34	406.60	1110.34	1.11
12		7.41	0.00	51.67	12.85	51.67	0.05
13	Myrcene	7.62	0.00	217.31	83.81	217.31	0.22
14	3-octanal	7.78	0.00	165.24	41.95	165.24	0.16
15		7.90	0.00	19.53	6.10	19.53	0.02
16		8.06	0.00	102.02	29.27	102.02	0.10
17		8.25	0.00	11.17	4.03	11.17	0.01
18	Delta-3 Carene	8.47	0.00	120.96	36.35	120.96	0.12
19	Para Cymene	8.75	0.00	263.57	46.03	263.57	0.26
20	D-Limonene	9.02	0.00	3633.50	686.32	3633.50	3.62
21	1.8 Cineole	9.09	0.00	4111.32	1112.42	4111.32	4.10
22	Cis-Beta Ocimene	9.20	0.00	69.13	27.57	69.13	0.07
23		9.56	0.00	27.49	10.78	27.49	0.03
24	Trans-Beta Ocimene	9.94	0.00	138.25	50.08	138.25	0.14
25	Gamma Terpinene	10.28	0.00	170.46	30.17	170.46	0.17
26		10.46	0.00	42.26	7.42	42.26	0.04
27	Cis-Sabinene Hydrate	11.04	0.00	116.93	25.41	116.93	0.12
28		11.50	0.00	65.20	10.06	65.20	0.07
29		11.65	0.00	104.62	15.71	104.62	0.10
30		11.80	0.00	8.04	2.38	8.04	0.01
31		12.11	0.00	15.60	3.69	15.60	0.02
32	Menthone	14.04	0.00	25489.27	1486.06	25489.27	25.43
33	Isomenthone	14.06	0.00	2185.00	1518.01	2185.00	2.18
34	Menthofuran	14.38	0.00	9944.49	887.32	9944.49	9.92
35	Menthol	15.16	0.00	37992.29	1720.21	37992.29	37.90
36	Terpin-4-ol	15.23	0.00	209.05	65.74	209.05	0.21
37	Alpha Terpineol	15.42	0.00	359.91	97.97	359.91	0.36
38		15.54	0.00	58.04	11.70	58.04	0.06
39		15.66	0.00	8.62	2.79	8.62	0.01
40		15.80	0.00	5.24	1.92	5.24	0.01

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
41		16.07	0.00	22.05	6.80	22.05	0.02
42		16.18	0.00	58.01	17.79	58.01	0.06
43		16.37	0.00	6.43	1.95	6.43	0.01
44		16.75	0.00	21.71	4.80	21.71	0.02
45	Pulegone	17.16	0.00	940.22	222.14	940.22	0.94
46		17.28	0.00	64.78	20.58	64.78	0.06
47	Piperitone	17.70	0.00	177.02	51.78	177.02	0.18
48		18.29	0.00	24.94	3.47	24.94	0.02
49	Neomenthol	18.55	0.00	200.75	50.85	200.75	0.20
50		18.83	0.00	15.12	3.74	15.12	0.02
51		19.02	0.00	29.59	5.83	29.59	0.03
52	Menthyl Acetate	19.48	0.00	5774.51	738.52	5774.51	5.76
53	Isomenthyl Acetate	19.87	0.00	82.20	26.31	82.20	0.08
54		20.00	0.00	10.76	2.43	10.76	0.01
55		20.29	0.00	123.26	9.49	123.26	0.12
56		20.77	0.00	299.80	25.59	299.80	0.30
57		20.97	0.00	18.90	3.97	18.90	0.02
58		21.29	0.00	5.20	1.65	5.20	0.01
59		21.41	0.00	19.44	3.40	19.44	0.02
60		21.76	0.00	8.55	2.44	8.55	0.01
61		22.31	0.00	6.60	2.22	6.60	0.01
62		22.49	0.00	41.46	8.87	41.46	0.04
63		22.66	0.00	6.80	1.80	6.80	0.01
64		22.83	0.00	78.10	20.37	78.10	0.08
65		23.14	0.00	37.60	8.20	37.60	0.04
66		23.38	0.00	7.74	2.27	7.74	0.01
67		23.68	0.00	16.80	4.49	16.80	0.02
68		23.90	0.00	12.23	3.52	12.23	0.01
69	Beta Caryophyllene	24.29	0.00	3846.69	611.31	3846.69	3.84
70		24.52	0.00	39.60	6.19	39.60	0.04
71		25.10	0.00	5.92	1.92	5.92	0.01
72		25.44	0.00	49.76	14.13	49.76	0.05
73	Germacrene D	25.64	0.00	142.56	39.46	142.56	0.14
74		25.93	0.00	15.81	2.88	15.81	0.02

