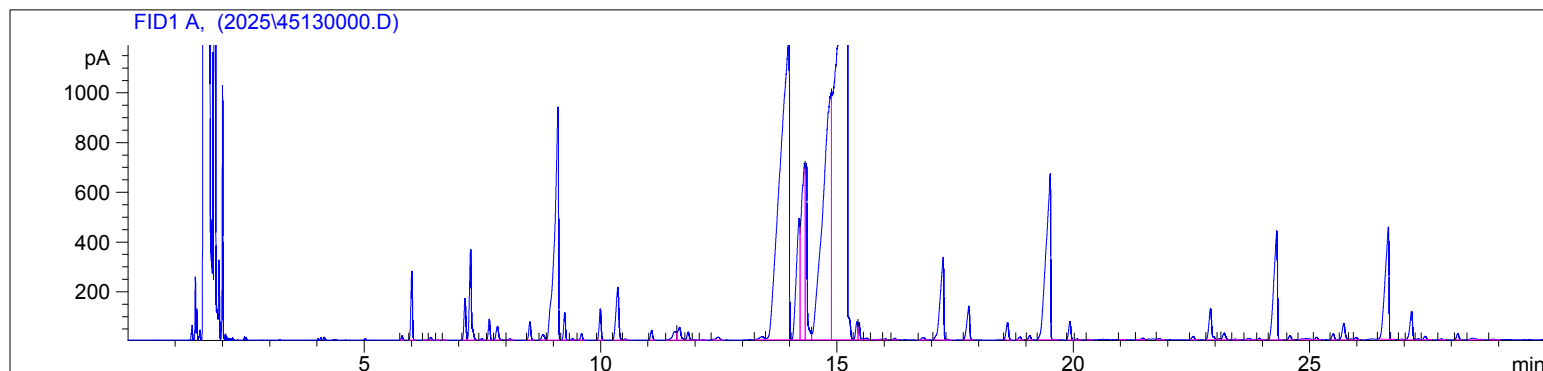


Peppermint Willamette Conv
4513-LBIB
USA
Mentha Piperita
Sample/Solvent: 0.05g/0.5g
Injection Amount: 0.2uL
20:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

1/6/2026 11:40:26 AM
1/6/2026 11:40:26 AM

1/6/2026
12:35:24 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	Alpha Thujene	5.80	0.00	37.71	17.75	37.71	0.04
2	Alpha Pinene	6.00	0.00	631.39	276.60	631.39	0.70
3		6.27	0.00	2.73	1.58	2.73	0.00
4		6.40	0.00	27.24	11.16	27.24	0.03
5		6.55	0.00	3.95	1.67	3.95	0.00
6		6.70	0.00	4.50	1.53	4.50	0.00
7	Sabinene	7.13	0.00	452.92	166.76	452.92	0.50
8	Beta Pinene	7.25	0.00	1072.88	364.76	1072.88	1.18
9	Myrcene	7.48	0.00	14.55	5.54	14.55	0.02
10		7.64	0.00	208.28	84.23	208.28	0.23
11	Delta-3 Carene	7.81	0.00	197.14	55.68	197.14	0.22
12	Para Cymene	8.08	0.00	19.93	5.18	19.93	0.02
13		8.50	0.00	216.69	74.10	216.69	0.24
14	d-Limonene	8.78	0.00	98.85	22.31	98.85	0.11
15	1.8 Cineol	9.09	0.00	5310.93	937.92	5310.93	5.85
16	Cis Beta Ocimene	9.24	0.00	279.97	109.92	279.97	0.31
17		9.39	0.00	18.21	5.66	18.21	0.02
18		9.59	0.00	73.99	26.67	73.99	0.08
19	Trans Beta Ocimene	9.99	0.00	353.75	125.21	353.75	0.39
20	Gamma Terpinene	10.36	0.00	905.38	212.08	905.38	1.00
21		10.51	0.00	17.48	4.89	17.48	0.02
22	Terpinolene	11.08	0.00	119.06	39.80	119.06	0.13
23		11.57	0.00	216.90	35.28	216.90	0.24
24		11.67	0.00	242.98	51.72	242.98	0.27
25		11.85	0.00	107.02	32.97	107.02	0.12
26		11.99	0.00	12.39	3.18	12.39	0.01
27		12.16	0.00	7.63	2.13	7.63	0.01
28		12.48	0.00	73.05	11.78	73.05	0.08
29		13.41	0.00	90.53	12.65	90.53	0.10
30	Menthone	13.98	0.00	16397.74	1191.65	16397.74	18.05
31	Isomenthone	14.20	0.00	2633.93	486.85	2633.93	2.90
32		14.31	0.00	3961.05	707.65	3961.05	4.36
33		14.35	0.00	1832.44	706.78	1832.44	2.02
34	Menthofuran	14.87	0.00	12295.74	987.22	12295.74	13.54
35	Menthol	15.21	0.00	27730.86	1788.30	27730.86	30.53
36	Terpin-4-ol	15.42	0.00	217.06	72.04	217.06	0.24
37		15.46	0.00	182.86	69.88	182.86	0.20
38		15.61	0.00	33.07	7.26	33.07	0.04
39		15.92	0.00	18.13	3.00	18.13	0.02
40		16.01	0.00	13.05	4.08	13.05	0.01

4513 - LBIB

Instrument 6890

C:\HPCHEM\2\DATA\2025\
45130000.DPeppermint Willamette Conv
4513-LBIB
USA
Mentha Piperita
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Injection Amount: 0.2uL
20:1 Split RatioHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um1/6/2026 11:40:26 AM
1/6/2026 11:40:26 AM1/6/2026
12:35:24 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
41		16.22	0.00	18.88	6.21	18.88	0.02
42		16.82	0.00	48.43	9.90	48.43	0.05
43	Pulegone	17.24	0.00	1715.86	330.92	1715.86	1.89
44		17.34	0.00	10.48	3.12	10.48	0.01
45	Piperitone	17.79	0.00	547.95	134.95	547.95	0.60
46		18.61	0.00	249.60	70.36	249.60	0.27
47		18.87	0.00	48.74	12.19	48.74	0.05
48		19.07	0.00	59.79	17.33	59.79	0.07
49	Menthyl Acetate	19.51	0.00	4780.17	664.35	4780.17	5.26
50		19.93	0.00	239.18	74.48	239.18	0.26
51		20.08	0.00	14.44	4.54	14.44	0.02
52		20.33	0.00	6.08	1.67	6.08	0.01
53		21.02	0.00	4.86	1.75	4.86	0.01
54		21.47	0.00	38.34	6.97	38.34	0.04
55		21.82	0.00	22.04	5.53	22.04	0.02
56		22.54	0.00	53.13	14.46	53.13	0.06
57	Beta Bourbonene	22.91	0.00	515.25	126.41	515.25	0.57
58		23.10	0.00	16.86	4.82	16.86	0.02
59		23.20	0.00	116.28	26.55	116.28	0.13
60		23.43	0.00	15.06	3.76	15.06	0.02
61		23.72	0.00	33.07	5.60	33.07	0.04
62		23.94	0.00	18.71	6.29	18.71	0.02
63	Beta Caryophyllene	24.31	0.00	2294.95	436.02	2294.95	2.53
64		24.59	0.00	55.22	16.40	55.22	0.06
65		24.94	0.00	58.93	5.34	58.93	0.06
66		25.15	0.00	36.24	9.94	36.24	0.04
67		25.50	0.00	88.39	24.93	88.39	0.10
68	Alpha Humulene	25.73	0.00	281.72	65.57	281.72	0.31
69		25.88	0.00	16.00	3.79	16.00	0.02
70		25.98	0.00	38.86	10.12	38.86	0.04
71	Germacrene D	26.67	0.00	2564.57	448.59	2564.57	2.82
72		26.95	0.00	8.91	2.64	8.91	0.01
73		27.16	0.00	440.99	113.93	440.99	0.49
74		27.29	0.00	15.30	4.54	15.30	0.02
75		27.45	0.00	50.75	14.00	50.75	0.06
76		27.78	0.00	15.59	4.38	15.59	0.02
77		28.14	0.00	83.94	24.43	83.94	0.09
78		28.46	0.00	66.98	6.95	66.98	0.07
79		28.88	0.00	12.76	2.65	12.76	0.01

