

5211 EBBB

Instrument 6890

C:\HPCHEM\2\DATA\2025\
52110000.D

Spruce, Black Org.

HP-5 5% Phenyl Methyl Siloxane

5211 EBBB

30.000m

Picea Mariana

250.000um

Canada

0.250um

Sample/Solvent: 0.05g/0.51g

Injection Amount: 0.2uL

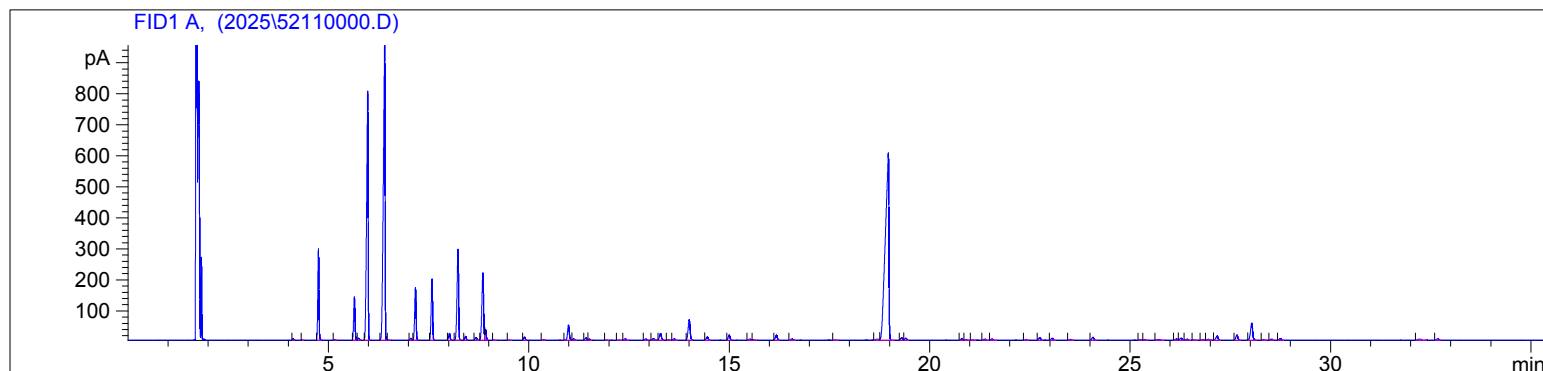
20:1 Split Ratio

5/23/2025 9:44:07 AM

5/23/2025

5/23/2025 9:44:07 AM

11:07:45 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		4.12	0.00	9.26	4.78	9.26	0.07
2		4.36	0.00	3.08	1.55	3.08	0.02
3	Santene	4.76	0.00	600.33	294.02	600.33	4.32
4		5.17	0.00	5.62	2.15	5.62	0.04
5	Tricyclene	5.65	0.00	328.63	139.09	328.63	2.37
6	Alpha Thujene	5.76	0.00	16.01	6.82	16.01	0.12
7	Alpha Pinene	5.99	0.00	2174.30	802.80	2174.30	15.66
8	Camphene	6.41	0.00	2958.71	956.49	2958.71	21.31
9	Thuja-2, 4(10)diene	6.51	0.00	2.87	1.26	2.87	0.02
10	Sabinene	7.06	0.00	14.42	6.04	14.42	0.10
11	Beta Pinene	7.18	0.00	419.47	169.18	419.47	3.02
12	Myrcene	7.59	0.00	488.06	197.21	488.06	3.51
13	Alpha Phellandrene	8.02	0.00	56.63	22.12	56.63	0.41
14	delta-3-Carene	8.24	0.00	800.57	292.50	800.57	5.77
15	1.4 Cineol	8.43	0.00	31.74	12.55	31.74	0.23
16	Para Cymene	8.69	0.00	24.86	8.80	24.86	0.18
17	d-Limonene	8.86	0.00	637.81	216.02	637.81	4.59
18	1.8 Cineol	8.93	0.00	80.06	34.04	80.06	0.58
19		9.14	0.00	3.00	1.17	3.00	0.02
20		9.51	0.00	2.42	0.91	2.42	0.02
21	Gamma Terpinene	9.90	0.00	28.24	10.35	28.24	0.20
22		10.37	0.00	6.79	2.31	6.79	0.05
23	Terpinolene	10.99	0.00	150.07	48.42	150.07	1.08
24		11.12	0.00	13.49	4.49	13.49	0.10
25	Linalool	11.43	0.00	22.12	7.66	22.12	0.16
26		11.51	0.00	10.99	3.77	10.99	0.08
27	Alpha Fenchol	11.94	0.00	3.74	1.32	3.74	0.03
28		12.25	0.00	3.31	1.08	3.31	0.02
29	Alpha Campholenal	12.41	0.00	15.02	4.90	15.02	0.11
30	Trans Pinocarveol	12.92	0.00	13.45	3.77	13.45	0.10
31	Camphor	13.11	0.00	19.12	5.02	19.12	0.14
32	Trans Verbenol	13.29	0.00	74.71	22.06	74.71	0.54
33		13.49	0.00	5.40	1.95	5.40	0.04
34	Citronellal	13.63	0.00	13.93	4.17	13.93	0.10
35	Borneol	14.01	0.00	228.84	65.77	228.84	1.65
36	Terpin-4-ol	14.45	0.00	32.59	10.14	32.59	0.23
37	Alpha Terpineol	15.00	0.00	52.55	16.79	52.55	0.38
38		15.52	0.00	11.66	3.42	11.66	0.08
39		15.62	0.00	6.51	1.53	6.51	0.05
40	Alpha Fenchyl Acetate	16.18	0.00	54.27	16.11	54.27	0.39

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
41	Citronellol	16.57	0.00	16.39	4.14	16.39	0.12
42	Trans-Chrysanthenyl Acetate	17.65	0.00	5.12	1.41	5.12	0.04
43		18.70	0.00	17.48	3.15	17.48	0.13
44	Bornyl Acetate	18.97	0.00	3746.73	601.71	3746.73	26.98
45		19.30	0.00	24.81	7.67	24.81	0.18
46		19.41	0.00	20.70	6.27	20.70	0.15
47	Delta Elemene	20.80	0.00	13.01	4.08	13.01	0.09
48		20.91	0.00	6.19	1.92	6.19	0.04
49		21.07	0.00	2.30	1.15	2.30	0.02
50		21.38	0.00	12.89	3.66	12.89	0.09
51	Alpha Terpinyl Acetate	21.56	0.00	12.03	3.78	12.03	0.09
52		22.41	0.00	6.43	1.90	6.43	0.05
53	Geranyl Acetate	22.75	0.00	26.38	8.41	26.38	0.19
54	Beta Elemene	23.06	0.00	19.82	5.98	19.82	0.14
55		23.51	0.00	9.39	2.66	9.39	0.07
56	Beta Caryophyllene	24.08	0.00	31.76	8.98	31.76	0.23
57		25.26	0.00	6.64	2.01	6.64	0.05
58	Alpha Humulene	25.37	0.00	7.52	2.22	7.52	0.05
59		25.73	0.00	12.50	2.22	12.50	0.09
60		26.16	0.00	14.83	4.05	14.83	0.11
61		26.27	0.00	24.60	6.53	24.60	0.18
62	Germacrene D	26.42	0.00	11.49	3.13	11.49	0.08
63	Beta Selinene	26.61	0.00	4.64	1.40	4.64	0.03
64		26.82	0.00	6.20	1.72	6.20	0.04
65		26.95	0.00	12.97	2.80	12.97	0.09
66	Gamma Cadinene	27.17	0.00	52.62	13.58	52.62	0.38
67	Delta Cadinene	27.67	0.00	56.92	16.42	56.92	0.41
68	Trans Calamenene	28.04	0.00	206.28	54.91	206.28	1.49
69		28.33	0.00	5.78	1.60	5.78	0.04
70	Cadina-1.4diene	28.53	0.00	11.75	3.42	11.75	0.08
71	Alpha Cadinene	28.75	0.00	18.41	5.37	18.41	0.13
72	Epi-Alpha Cadinol	32.22	0.00	20.59	3.39	20.59	0.15
73	Alpha Cadinol	32.67	0.00	16.64	4.69	16.64	0.12

