

5211

Instrument 6890

C:\HPCHEM\2\DATA\2024\
52110000.D

Black Spruce ORG

5211-BAIA

Canada

Picea mariana

Sample/Solvent: 0.05g/0.51g

Injection Amount: 0.2uL

20:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane

30.000m

250.000um

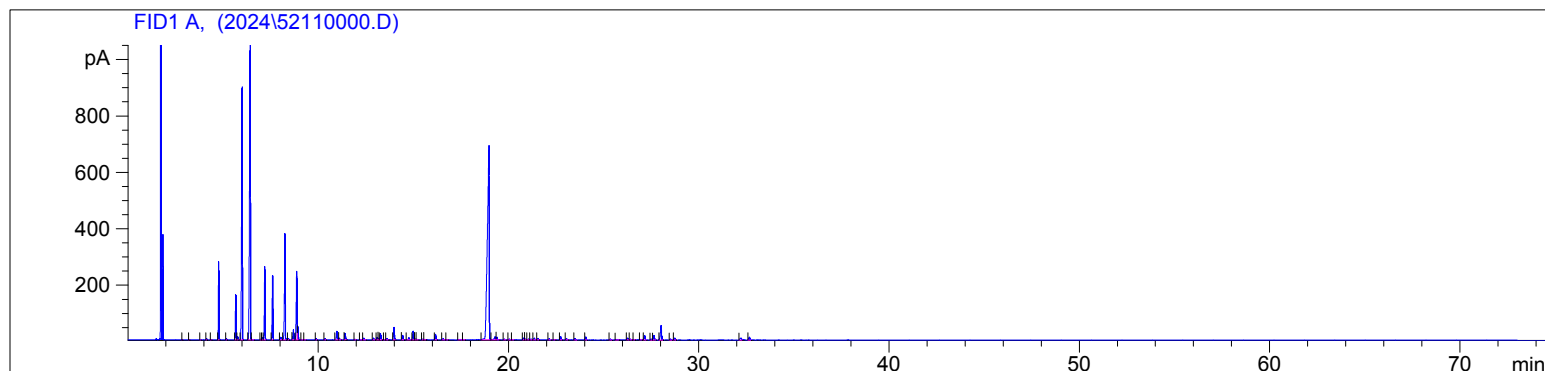
0.250um

3/7/2024 1:35:14 PM

3/7/2024 1:35:14 PM

3/8/2024

11:54:51 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.86	0.00	1.86	1.45	1.86	0.01
2		3.21	0.00	1.58	1.05	1.58	0.01
3		3.81	0.00	1.31	0.77	1.31	0.01
4		4.13	0.00	6.74	3.84	6.74	0.04
5		4.36	0.00	2.17	1.16	2.17	0.01
6	santene	4.76	0.00	526.73	276.67	526.73	3.21
7		5.17	0.00	6.86	3.25	6.86	0.04
8	tricyclene	5.66	0.00	358.59	160.14	358.59	2.19
9		5.76	0.00	24.09	10.64	24.09	0.15
10	alpha pinene	6.00	0.00	2495.75	895.41	2495.75	15.22
11	camphene	6.42	0.00	3315.02	1050.70	3315.02	20.22
12		6.52	0.00	3.69	1.85	3.69	0.02
13		6.98	0.00	8.25	3.31	8.25	0.05
14		7.07	0.00	21.26	8.65	21.26	0.13
15	beta pinene	7.18	0.00	648.32	259.17	648.32	3.95
16	myrcene	7.59	0.00	561.70	226.48	561.70	3.43
17		8.02	0.00	23.17	8.74	23.17	0.14
18	delta-3-carene	8.25	0.00	1063.39	375.81	1063.39	6.49
19	alpha terpinene	8.43	0.00	8.45	3.49	8.45	0.05
20	para-cymene	8.69	0.00	109.08	35.07	109.08	0.67
21	d-limonene	8.86	0.00	730.37	242.16	730.37	4.45
22	1.8 cineol	8.93	0.00	106.10	46.35	106.10	0.65
23		9.14	0.00	2.28	0.91	2.28	0.01
24		9.29	0.00	2.86	1.03	2.86	0.02
25	gamma terpinene	9.89	0.00	11.60	4.36	11.60	0.07
26		10.36	0.00	13.29	4.64	13.29	0.08
27	terpinolene	10.99	0.00	101.11	30.34	101.11	0.62
28		11.11	0.00	19.83	6.33	19.83	0.12
29	linalool	11.42	0.00	63.02	22.44	63.02	0.38
30		11.94	0.00	5.50	2.00	5.50	0.03
31		12.24	0.00	6.29	1.62	6.29	0.04
32		12.40	0.00	19.77	5.96	19.77	0.12
33		12.91	0.00	18.50	5.25	18.50	0.11
34		13.10	0.00	21.35	6.89	21.35	0.13
35		13.17	0.00	11.90	4.02	11.90	0.07
36	camphor	13.28	0.00	73.57	22.32	73.57	0.45
37		13.48	0.00	4.60	1.60	4.60	0.03
38		13.62	0.00	18.39	5.36	18.39	0.11
39	borneol	13.99	0.00	146.65	43.70	146.65	0.89
40	terpin-4-ol	14.45	0.00	52.38	15.90	52.38	0.32

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41		14.77	0.00	34.05	7.02	34.05	0.21
42	alpha terpineol	15.00	0.00	101.83	31.03	101.83	0.62
43		15.10	0.00	10.64	3.27	10.64	0.06
44		15.17	0.00	13.91	2.38	13.91	0.08
45		15.51	0.00	7.96	2.32	7.96	0.05
46		15.60	0.00	5.64	1.34	5.64	0.03
47		16.17	0.00	66.69	19.39	66.69	0.41
48		16.57	0.00	16.08	3.88	16.08	0.10
49		16.77	0.00	4.05	1.34	4.05	0.02
50		17.48	0.00	16.71	2.20	16.71	0.10
51		17.65	0.00	5.85	1.51	5.85	0.04
52	bornyl aceatate	18.98	0.00	4680.94	687.92	4680.94	28.55
53		19.30	0.00	48.96	9.83	48.96	0.30
54		19.40	0.00	31.57	8.83	31.57	0.19
55		19.78	0.00	9.53	2.71	9.53	0.06
56		20.04	0.00	12.12	2.95	12.12	0.07
57		20.19	0.00	4.12	1.25	4.12	0.03
58		20.79	0.00	22.49	6.29	22.49	0.14
59		20.90	0.00	11.73	3.06	11.73	0.07
60		21.06	0.00	13.23	3.04	13.23	0.08
61		21.18	0.00	13.91	2.81	13.91	0.08
62		21.36	0.00	20.54	5.81	20.54	0.13
63		21.55	0.00	16.47	5.11	16.47	0.10
64		22.14	0.00	11.91	3.34	11.91	0.07
65		22.40	0.00	5.20	1.45	5.20	0.03
66		22.74	0.00	36.12	11.55	36.12	0.22
67		23.05	0.00	15.45	4.16	15.45	0.09
68		23.50	0.00	16.51	4.59	16.51	0.10
69		24.07	0.00	35.60	10.20	35.60	0.22
70		25.36	0.00	9.36	2.65	9.36	0.06
71		25.68	0.00	11.84	2.19	11.84	0.07
72		26.26	0.00	22.93	6.35	22.93	0.14
73		26.41	0.00	9.10	2.33	9.10	0.06
74		26.60	0.00	2.42	1.01	2.42	0.01
75		26.94	0.00	5.44	1.62	5.44	0.03
76		27.16	0.00	53.97	14.85	53.97	0.33
77		27.50	0.00	10.01	3.06	10.01	0.06
78		27.66	0.00	53.80	15.48	53.80	0.33
79		28.03	0.00	201.59	50.24	201.59	1.23
80		28.52	0.00	12.36	3.44	12.36	0.08
81		28.74	0.00	23.36	6.55	23.36	0.14
82		32.22	0.00	37.03	6.60	37.03	0.23
83		32.67	0.00	36.28	10.10	36.28	0.22

