

5211-JBEK

Instrument 6890

C:\HPCHEM\2\DATA\2021\
52110000.D

Spruce, Black Organic

HP-5 5% Phenyl Methyl Siloxane

5211-JBEK

30.000m

Canada

250.000um

Picea mariana

0.250um

Sample/Solvent Ratio: 0.06g/0.50g

Injection Amount: 0.2uL

20:1 Split Ratio

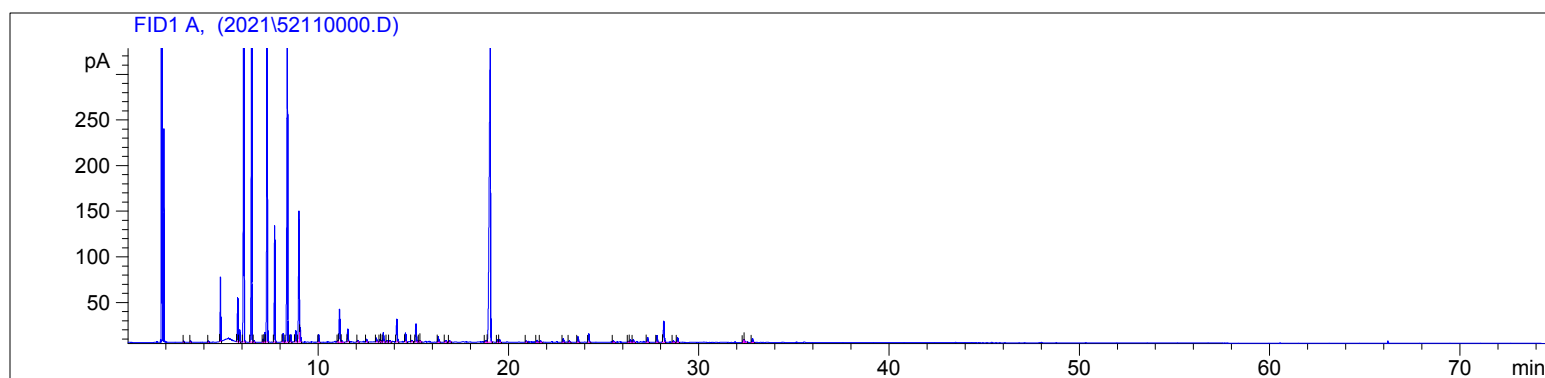
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10/26/2021 8:48:08 AM

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.92	100.00	1.94	1.41	1.94	0.02
2		3.29	100.00	2.21	1.46	2.21	0.03
3		4.22	100.00	2.28	1.20	2.28	0.03
4	santene	4.85	100.00	133.66	70.28	133.66	1.63
5	tricyclene	5.76	100.00	107.61	48.48	107.61	1.31
6	alpha thujene	5.87	100.00	29.47	13.34	29.47	0.36
7	alpha pinene	6.09	100.00	1717.53	664.72	1717.53	20.89
8	camphene	6.49	100.00	1066.30	431.85	1066.30	12.97
9	thuja-2,4(10)diene	6.62	100.00	3.16	1.45	3.16	0.04
10		7.10	100.00	7.92	3.20	7.92	0.10
11	sabinene	7.18	100.00	27.18	10.54	27.18	0.33
12	beta pinene	7.31	100.00	867.08	331.67	867.08	10.54
13	myrcene	7.70	100.00	306.71	127.25	306.71	3.73
14	alpha phellandrene	8.15	100.00	24.30	9.30	24.30	0.30
15	delta-3-carene	8.37	100.00	1073.59	376.21	1073.59	13.06
16	1.4 cineol	8.55	100.00	19.10	7.74	19.10	0.23
17	para cymene	8.81	100.00	34.40	12.49	34.40	0.42
18	d-limonene	8.98	100.00	417.83	143.16	417.83	5.08
19	1.8 cineol	9.05	100.00	36.46	15.80	36.46	0.44
20	gamma terpinene	10.03	100.00	23.02	8.44	23.02	0.28
21		11.04	100.00	4.16	1.64	4.16	0.05
22	terpinolene	11.13	100.00	114.35	35.98	114.35	1.39
23		11.25	100.00	4.11	1.29	4.11	0.05
24	linalool	11.56	100.00	39.66	13.83	39.66	0.48
25	alpha fenchol	12.08	100.00	5.22	1.74	5.22	0.06
26	alpha campholenal	12.55	100.00	10.26	3.38	10.26	0.12
27	trans pinocarveol	13.06	100.00	14.32	4.21	14.32	0.17
28	camphor	13.25	100.00	7.13	2.45	7.13	0.09
29	trans verbenol	13.31	100.00	3.87	1.17	3.87	0.05
30		13.43	100.00	33.60	10.06	33.60	0.41
31	citronellal	13.62	100.00	4.82	1.65	4.82	0.06
32		13.77	100.00	5.44	1.73	5.44	0.07
33	borneol	14.14	100.00	83.49	24.63	83.49	1.02

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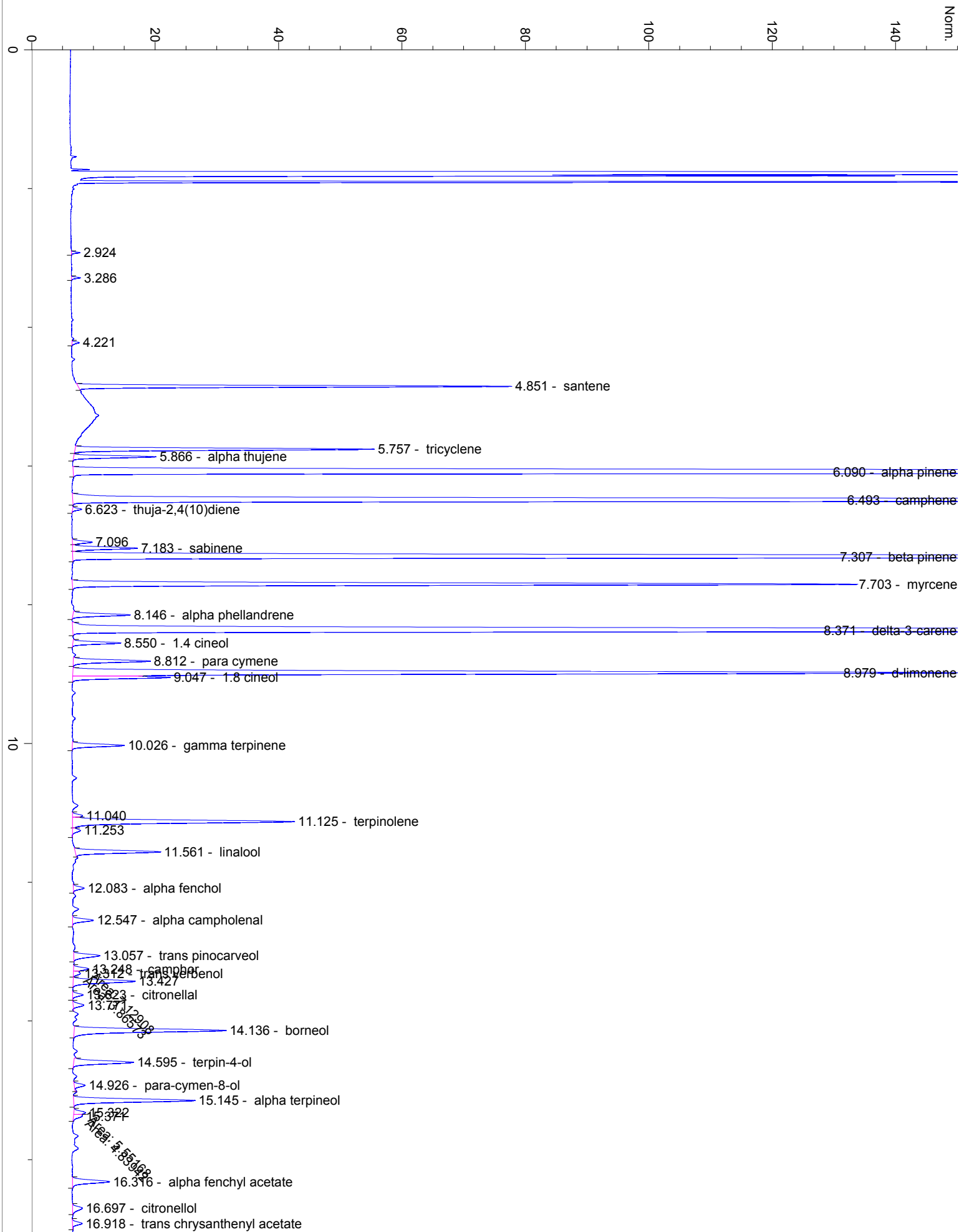
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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
34	terpin-4-ol	14.59	100.00	31.34	9.68	31.34	0.38
35	para-cymen-8-ol	14.93	100.00	5.82	1.78	5.82	0.07
36	alpha terpineol	15.15	100.00	63.58	19.66	63.58	0.77
37		15.32	100.00	5.55	1.90	5.55	0.07
38		15.37	100.00	4.84	1.44	4.84	0.06
39	alpha fenchyl acetate	16.32	100.00	20.69	6.01	20.69	0.25
40	citronellol	16.70	100.00	6.53	1.57	6.53	0.08
41	trans chrysanthenyl acetate	16.92	100.00	4.97	1.56	4.97	0.06
42		18.81	100.00	8.29	1.80	8.29	0.10
43	bornyl acetate	19.04	100.00	1513.87	328.41	1513.87	18.41
44		19.43	100.00	9.30	2.87	9.30	0.11
45		19.54	100.00	9.91	2.93	9.91	0.12
46	delta elemene	20.93	100.00	2.92	1.20	2.92	0.04
47		21.51	100.00	8.08	2.24	8.08	0.10
48	alpha terpinyl acetate	21.69	100.00	4.77	1.57	4.77	0.06
49	geranyl acetate	22.88	100.00	12.02	3.74	12.02	0.15
50	beta elemene	23.20	100.00	4.90	1.53	4.90	0.06
51		23.66	100.00	21.80	5.99	21.80	0.27
52	beta caryophyllene	24.22	100.00	31.36	9.07	31.36	0.38
53	alpha humulene	25.52	100.00	6.13	1.82	6.13	0.07
54		26.30	100.00	4.06	1.19	4.06	0.05
55	germacrene D	26.42	100.00	10.61	2.70	10.61	0.13
56	beta selinene	26.57	100.00	10.51	2.87	10.51	0.13
57	gamma cadinene	27.31	100.00	19.02	5.34	19.02	0.23
58	delta cadinene	27.81	100.00	25.90	7.44	25.90	0.32
59	trans calamenene	28.17	100.00	86.94	23.22	86.94	1.06
60	cadina-1,4-diene	28.67	100.00	5.64	1.57	5.64	0.07
61	alpha cadinene	28.89	100.00	18.97	5.43	18.97	0.23
62	epi-alpha cadinol	32.37	100.00	8.47	2.97	8.47	0.10
63		32.38	100.00	8.61	2.95	8.61	0.10
64	alpha cadinol	32.83	100.00	15.44	4.15	15.44	0.19





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