

Spruce Black Organic
5211-HHZZAZ
Canada
Picea mariana

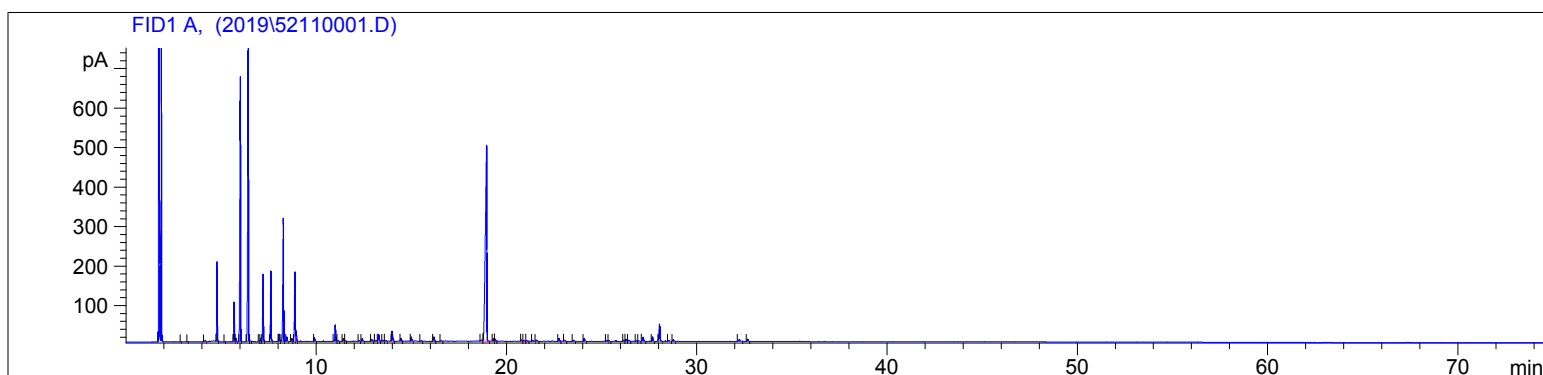
HP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

Sample/Solvent: 0.05/0.52g

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8/5/2019 9:46:52 AM
8/5/2019 9:46:52 AM

8/5/2019
11:12:36 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.87	100.00	1.05	0.73	1.05	0.01
2		3.23	100.00	1.58	0.98	1.58	0.01
3		4.15	100.00	5.24	2.06	5.24	0.05
4	santene	4.78	100.00	385.86	200.92	385.86	3.65
5		5.19	100.00	1.87	0.92	1.87	0.02
6	tricyclene	5.67	100.00	224.34	100.10	224.34	2.12
7		5.78	100.00	19.45	8.66	19.45	0.18
8	alpha pinene	6.00	100.00	1691.65	669.94	1691.65	16.02
9	camphene	6.42	100.00	2084.55	752.62	2084.55	19.74
10		6.53	100.00	3.73	1.43	3.73	0.04
11		7.00	100.00	3.56	1.51	3.56	0.03
12	sabinene	7.08	100.00	20.95	8.65	20.95	0.20
13	beta pinene	7.20	100.00	418.69	170.17	418.69	3.96
14	myrcene	7.61	100.00	427.48	177.88	427.48	4.05
15	alpha phellandrene	8.04	100.00	47.15	18.47	47.15	0.45
16	delta-3 carene	8.26	100.00	855.18	311.64	855.18	8.10
17	alpha terpinene	8.44	100.00	27.46	11.18	27.46	0.26
18	para-cymene	8.70	100.00	19.23	7.02	19.23	0.18
19	d-limonene	8.87	100.00	504.84	174.88	504.84	4.78
20	1,8 cineol	8.94	100.00	55.64	23.29	55.64	0.53
21	gamma terpinene	9.91	100.00	25.36	9.32	25.36	0.24
22	terpinolene	11.01	100.00	129.02	41.22	129.02	1.22
23		11.14	100.00	7.08	2.30	7.08	0.07
24	linalool	11.43	100.00	19.47	6.60	19.47	0.18
25		11.52	100.00	5.16	1.59	5.16	0.05
26		12.26	100.00	4.18	1.34	4.18	0.04
27		12.42	100.00	19.36	6.39	19.36	0.18
28		12.92	100.00	12.39	3.34	12.39	0.12
29		13.12	100.00	6.56	1.59	6.56	0.06
30	camphor	13.29	100.00	54.36	16.29	54.36	0.51

5211-HHZZAZ

Instrument 6890

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HP-5 5% Phenyl Methyl Siloxane

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30.000m

Canada

250.000um

Picea mariana

0.250um

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
31		13.50	100.00	9.06	2.96	9.06	0.09
32		13.63	100.00	7.86	2.40	7.86	0.07
33	borneol	13.99	100.00	90.27	25.28	90.27	0.85
34	terpin-4-ol	14.46	100.00	23.76	7.26	23.76	0.22
35	alpha terpineol	15.00	100.00	36.83	11.17	36.83	0.35
36		15.52	100.00	3.24	1.18	3.24	0.03
37		16.19	100.00	36.06	10.65	36.06	0.34
38		16.57	100.00	7.36	1.77	7.36	0.07
39		18.70	100.00	14.36	2.97	14.36	0.14
40	bornyl acetate	18.96	100.00	2738.23	494.29	2738.23	25.93
41		19.31	100.00	19.44	5.93	19.44	0.18
42		19.41	100.00	16.93	5.08	16.93	0.16
43		20.81	100.00	10.44	3.24	10.44	0.10
44		20.92	100.00	5.72	1.83	5.72	0.05
45		21.08	100.00	3.66	1.37	3.66	0.03
46		21.38	100.00	11.16	3.10	11.16	0.11
47		21.57	100.00	8.88	2.60	8.88	0.08
48		22.77	100.00	21.61	6.45	21.61	0.20
49		23.07	100.00	8.71	2.67	8.71	0.08
50		23.53	100.00	9.79	2.76	9.79	0.09
51		24.09	100.00	25.98	7.35	25.98	0.25
52		25.27	100.00	5.51	1.63	5.51	0.05
53		25.38	100.00	6.37	1.85	6.37	0.06
54		26.17	100.00	9.85	2.91	9.85	0.09
55		26.29	100.00	16.53	4.61	16.53	0.16
56		26.43	100.00	9.64	2.75	9.64	0.09
57		26.83	100.00	5.71	1.64	5.71	0.05
58		26.96	100.00	4.91	1.38	4.91	0.05
59		27.19	100.00	37.93	10.39	37.93	0.36
60		27.68	100.00	38.32	10.96	38.32	0.36
61	delta cadinene	28.05	100.00	164.97	43.40	164.97	1.56
62		28.54	100.00	9.30	2.58	9.30	0.09
63		28.77	100.00	12.79	3.67	12.79	0.12
64		32.23	100.00	26.64	4.21	26.64	0.25
65		32.68	100.00	20.36	5.47	20.36	0.19





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