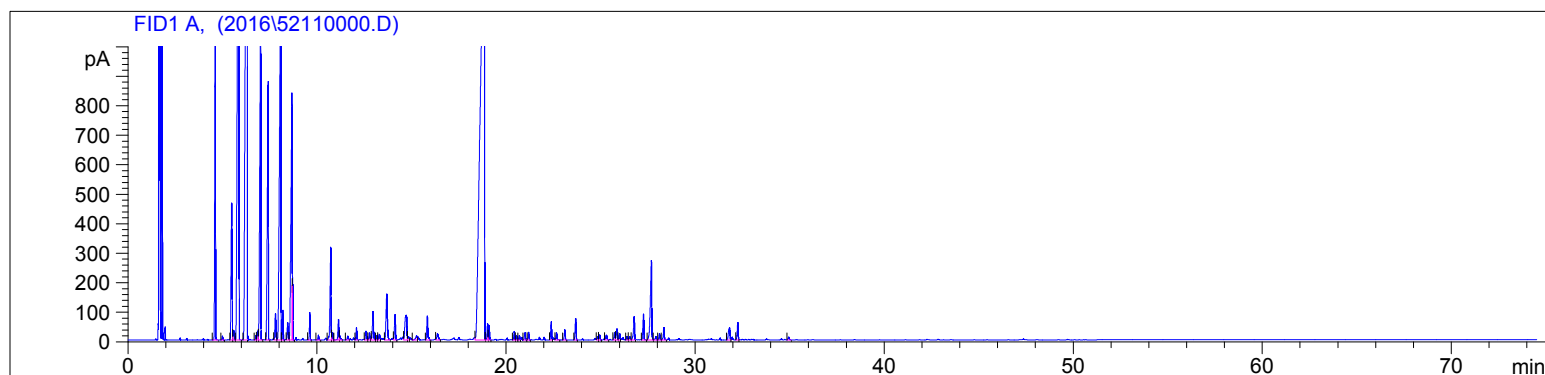


Spruce, Black (Organic)
5211-JJAIT
Canada
picea mariana
Sample/Hexane: 0.26g/0.09g
Injection: 0.2uL

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

10/20/2016 3:59:24 PM
10/20/2016 3:59:24 PM

10/20/2016
5:15:59 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	santene	4.61	0.00	3165.34	1178.64	3165.34	3.73
2		4.99	0.00	40.23	13.72	40.23	0.05
3	tricyclene	5.48	0.00	1688.94	462.79	1688.94	1.99
4		5.58	0.00	147.63	32.44	147.63	0.17
5	alpha pinene	5.86	0.00	13095.19	2511.57	13095.19	15.42
6	camphene	6.29	0.00	15274.07	2661.08	15274.07	17.99
7		6.76	0.00	43.14	15.19	43.14	0.05
8	sabinene	6.85	0.00	103.06	30.73	103.06	0.12
9	beta pinene	7.01	0.00	4085.79	1138.53	4085.79	4.81
10	myrcene	7.41	0.00	3117.00	845.22	3117.00	3.67
11	alpha phellandrene	7.79	0.00	325.33	88.94	325.33	0.38
12	delta-3 carene	8.08	0.00	6918.70	1340.53	6918.70	8.15
13	alpha terpinene	8.19	0.00	233.54	99.76	233.54	0.28
14		8.44	0.00	203.64	58.69	203.64	0.24
15	limonene	8.67	0.00	3849.24	844.06	3849.24	4.53
16	cineol 1.8	8.70	0.00	303.62	184.05	303.62	0.36
17	gamma terpinene	9.61	0.00	247.20	91.94	247.20	0.29
18		10.06	0.00	50.62	16.71	50.62	0.06
19	terpinolene	10.72	0.00	1157.56	310.77	1157.56	1.36
20		10.82	0.00	77.33	24.41	77.33	0.09
21	linalool	11.13	0.00	230.83	69.52	230.83	0.27
22		11.20	0.00	49.66	13.39	49.66	0.06
23		11.62	0.00	46.74	12.50	46.74	0.06
24		12.08	0.00	125.98	41.19	125.98	0.15
25		12.58	0.00	129.91	30.66	129.91	0.15
26		12.76	0.00	84.65	24.15	84.65	0.10
27		12.95	0.00	372.24	96.18	372.24	0.44
28		13.15	0.00	48.65	15.58	48.65	0.06
29		13.29	0.00	91.32	20.07	91.32	0.11
30	borneol	13.68	0.00	781.41	155.99	781.41	0.92
31	terpin-4-ol	14.12	0.00	315.47	86.37	315.47	0.37
32	alpha terpineol	14.72	0.00	618.75	83.72	618.75	0.73
33		14.83	0.00	52.96	11.69	52.96	0.06
34		15.26	0.00	79.87	13.88	79.87	0.09
35		15.83	0.00	310.19	81.47	310.19	0.37
36		16.36	0.00	119.95	21.92	119.95	0.14
37	bornyl acetate	18.84	0.00	22632.74	1630.00	22632.74	26.65

5211-JJAIT

Instrument 6890

C:\HPCHEM\2\DATA\2016\
52110000.DSpruce, Black (Organic)
5211-JJAIT
Canada
picea mariana
Sample/Hexane: 0.26g/0.09g
Injection: 0.2uLHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
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10/20/2016 3:59:24 PM

5:15:59 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
38		19.01	0.00	174.36	55.13	174.36	0.21
39		19.10	0.00	147.32	49.37	147.32	0.17
40		20.43	0.00	95.79	29.53	95.79	0.11
41		20.54	0.00	52.14	15.53	52.14	0.06
42		20.70	0.00	50.39	15.15	50.39	0.06
43		20.99	0.00	86.02	25.31	86.02	0.10
44		21.18	0.00	83.53	25.82	83.53	0.10
45		22.38	0.00	208.57	61.68	208.57	0.25
46		22.66	0.00	87.62	24.52	87.62	0.10
47		23.10	0.00	120.74	33.92	120.74	0.14
48		23.67	0.00	258.43	72.30	258.43	0.30
49		24.84	0.00	42.64	12.10	42.64	0.05
50		24.95	0.00	58.73	17.22	58.73	0.07
51		25.30	0.00	83.21	16.24	83.21	0.10
52		25.74	0.00	86.56	23.72	86.56	0.10
53		25.86	0.00	149.64	37.78	149.64	0.18
54		26.00	0.00	78.24	21.58	78.24	0.09
55		26.39	0.00	43.88	12.15	43.88	0.05
56		26.53	0.00	49.42	12.15	49.42	0.06
57		26.77	0.00	321.35	79.33	321.35	0.38
58		27.26	0.00	319.98	87.57	319.98	0.38
59	delta cadinene	27.68	0.00	1326.06	266.25	1326.06	1.56
60		27.92	0.00	48.20	11.41	48.20	0.06
61		28.11	0.00	79.57	21.69	79.57	0.09
62		28.34	0.00	157.35	42.21	157.35	0.19
63		31.81	0.00	235.68	40.79	235.68	0.28
64		32.25	0.00	214.30	58.44	214.30	0.25
65		34.94	0.00	41.12	10.00	41.12	0.05





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