

3511-FFAEX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
35110000.D

Fir, Balsam

HP-5 5% Phenyl Methyl Siloxane

3511-FFAEX

30.000m

Canada

250.000um

abies balsamica

0.250um

Sample/Solvent: 0.05g/0.52g

Injection: 0.2uL

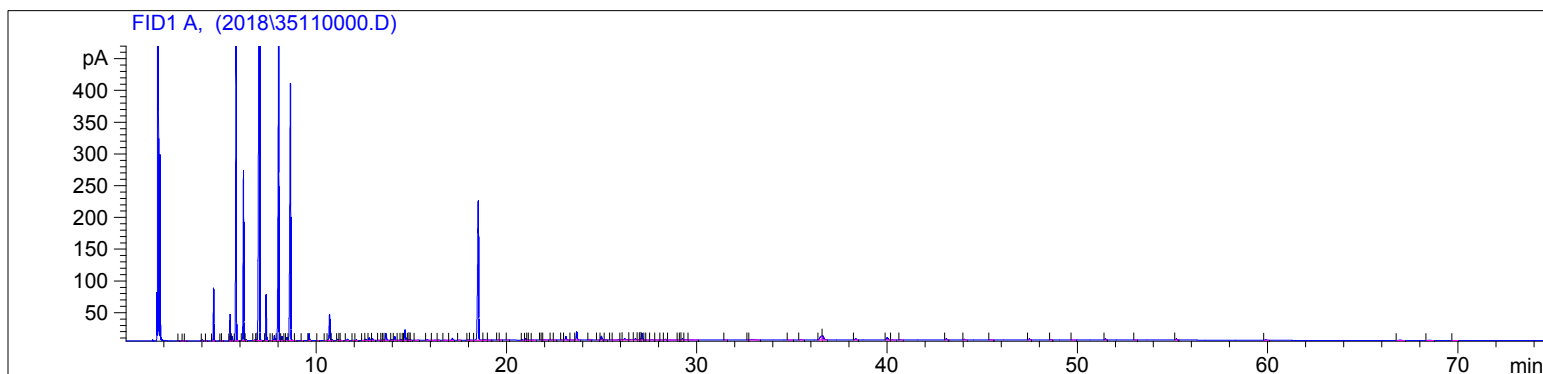
15:1 Split Ratio

6/19/2018 10:44:28 AM

3/26/2019

6/19/2018 10:44:28 AM

9:24:25 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.75	100.00	0.77	0.54	0.77	0.01
2		3.02	100.00	0.84	0.48	0.84	0.01
3		3.10	100.00	1.24	0.49	1.24	0.01
4		3.99	100.00	3.03	1.38	3.03	0.03
5		4.22	100.00	1.03	0.43	1.03	0.01
6	Santene	4.60	100.00	158.50	82.82	158.50	1.56
7		5.00	100.00	0.88	0.35	0.88	0.01
8		5.04	100.00	0.56	0.25	0.56	0.01
9	Tricyclene	5.47	100.00	92.35	41.92	92.35	0.91
10		5.58	100.00	15.31	6.94	15.31	0.15
11	Alpha Pinene	5.78	100.00	1383.67	579.54	1383.67	13.66
12	Camphene	6.17	100.00	630.42	268.46	630.42	6.22
13		6.31	100.00	3.75	1.46	3.75	0.04
14		6.77	100.00	3.55	1.30	3.55	0.04
15		6.86	100.00	5.74	1.99	5.74	0.06
16	Beta Pinene	7.01	100.00	3169.68	933.83	3169.68	31.30
17	Myrcene	7.36	100.00	166.75	72.28	166.75	1.65
18		7.67	100.00	0.88	0.25	0.88	0.01
19	Alpha Phellandrene	7.79	100.00	22.85	7.59	22.85	0.23
20	delta-3 Carene	8.02	100.00	1395.34	470.05	1395.34	13.78
21		8.19	100.00	17.55	6.72	17.55	0.17
22		8.36	100.00	1.32	0.49	1.32	0.01
23	para Cymene	8.44	100.00	14.90	4.95	14.90	0.15
24	d-Limonene	8.63	100.00	1351.01	405.17	1351.01	13.34
25		8.90	100.00	1.56	0.29	1.56	0.02
26		9.26	100.00	0.79	0.26	0.79	0.01
27	gamma Terpinene	9.63	100.00	28.77	10.80	28.77	0.28
28		10.10	100.00	0.74	0.21	0.74	0.01
29		10.48	100.00	1.09	0.26	1.09	0.01

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
30	Fenchone	10.71	100.00	132.21	41.42	132.21	1.31
31		10.83	100.00	5.76	1.83	5.76	0.06
32		11.14	100.00	5.17	1.67	5.17	0.05
33		11.23	100.00	0.87	0.30	0.87	0.01
34		11.29	100.00	1.39	0.35	1.39	0.01
35		11.65	100.00	6.55	1.92	6.55	0.06
36		11.95	100.00	1.62	0.42	1.62	0.02
37		12.11	100.00	2.48	0.79	2.48	0.02
38		12.48	100.00	1.70	0.39	1.70	0.02
39		12.61	100.00	7.45	1.82	7.45	0.07
40	Camphor	12.80	100.00	12.33	3.65	12.33	0.12
41		12.97	100.00	7.12	2.02	7.12	0.07
42		13.34	100.00	2.63	0.44	2.63	0.03
43		13.45	100.00	1.62	0.50	1.62	0.02
44		13.52	100.00	1.68	0.55	1.68	0.02
45	Borneol	13.67	100.00	38.18	10.70	38.18	0.38
46		13.97	100.00	2.28	0.69	2.28	0.02
47	Terpin-4-ol	14.13	100.00	18.82	5.74	18.82	0.19
48		14.33	100.00	0.98	0.15	0.98	0.01
49		14.45	100.00	3.53	1.04	3.53	0.03
50		14.54	100.00	0.54	0.16	0.54	0.01
51	alpha Terpineol	14.67	100.00	54.15	16.38	54.15	0.53
52		14.85	100.00	4.13	1.20	4.13	0.04
53		14.90	100.00	3.16	1.05	3.16	0.03
54		14.97	100.00	3.15	0.91	3.15	0.03
55		15.36	100.00	3.73	0.61	3.73	0.04
56		15.85	100.00	5.33	1.17	5.33	0.05
57		16.23	100.00	2.38	0.34	2.38	0.02
58		16.45	100.00	2.13	0.57	2.13	0.02
59		16.76	100.00	1.97	0.28	1.97	0.02
60		17.16	100.00	10.85	2.78	10.85	0.11
61		17.53	100.00	1.87	0.42	1.87	0.02
62		17.99	100.00	2.83	0.69	2.83	0.03
63		18.09	100.00	2.47	0.50	2.47	0.02
64	Bornyl acetate	18.53	100.00	846.91	218.97	846.91	8.36
65		18.87	100.00	5.82	0.72	5.82	0.06
66		19.04	100.00	1.39	0.36	1.39	0.01
67		19.55	100.00	1.62	0.29	1.62	0.02
68		19.67	100.00	1.33	0.35	1.33	0.01
69		20.06	100.00	0.76	0.23	0.76	0.01
70		20.83	100.00	2.82	0.87	2.82	0.03
71		21.01	100.00	6.21	1.75	6.21	0.06
72		21.10	100.00	1.62	0.48	1.62	0.02
73		21.21	100.00	1.86	0.57	1.86	0.02
74		21.38	100.00	1.10	0.24	1.10	0.01
75		21.78	100.00	0.66	0.21	0.66	0.01
76		21.87	100.00	0.78	0.24	0.78	0.01
77		22.00	100.00	4.97	0.62	4.97	0.05
78		22.39	100.00	1.50	0.28	1.50	0.01
79		22.57	100.00	1.99	0.43	1.99	0.02
80		22.93	100.00	1.00	0.23	1.00	0.01
81		23.13	100.00	19.75	5.07	19.75	0.19
82		23.46	100.00	1.80	0.43	1.80	0.02
83	Beta Caryophyllene	23.70	100.00	45.09	12.87	45.09	0.45
84		24.36	100.00	3.24	0.78	3.24	0.03

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85		24.80	100.00	0.99	0.26	0.99	0.01
86	Alpha Humulene	24.99	100.00	22.31	6.26	22.31	0.22
87		25.21	100.00	2.91	0.80	2.91	0.03
88		25.50	100.00	1.30	0.32	1.30	0.01
89		25.89	100.00	7.97	0.52	7.97	0.08
90		26.03	100.00	4.05	0.84	4.05	0.04
91		26.21	100.00	14.82	1.78	14.82	0.15
92		26.57	100.00	7.71	0.84	7.71	0.08
93		26.77	100.00	11.06	1.81	11.06	0.11
94		26.93	100.00	4.12	0.78	4.12	0.04
95		27.04	100.00	5.85	1.56	5.85	0.06
96	Beta Bisabolene	27.13	100.00	37.35	10.49	37.35	0.37
97		27.28	100.00	1.25	0.27	1.25	0.01
98		27.37	100.00	1.50	0.24	1.50	0.01
99		27.65	100.00	3.30	0.61	3.30	0.03
100		27.86	100.00	1.73	0.25	1.73	0.02
101		28.19	100.00	1.17	0.21	1.17	0.01
102		28.37	100.00	6.07	1.32	6.07	0.06
103		28.66	100.00	3.59	0.26	3.59	0.04
104		29.04	100.00	0.98	0.22	0.98	0.01
105		29.15	100.00	2.22	0.62	2.22	0.02
106		29.24	100.00	8.17	1.55	8.17	0.08
107		29.39	100.00	3.96	0.49	3.96	0.04
108		29.72	100.00	3.53	0.31	3.53	0.03
109		31.49	100.00	1.06	0.31	1.06	0.01
110		32.71	100.00	0.61	0.18	0.61	0.01
111		32.90	100.00	12.56	0.76	12.56	0.12
112		34.86	100.00	1.49	0.16	1.49	0.01
113		35.48	100.00	3.15	0.45	3.15	0.03
114		36.56	100.00	41.88	6.08	41.88	0.41
115		36.61	100.00	34.66	6.04	34.66	0.34
116		38.35	100.00	7.94	1.37	7.94	0.08
117		40.02	100.00	18.53	3.43	18.53	0.18
118		40.29	100.00	1.52	0.20	1.52	0.02
119		40.71	100.00	2.27	0.49	2.27	0.02
120		43.11	100.00	6.38	1.52	6.38	0.06
121		44.08	100.00	4.57	1.13	4.57	0.05
122		45.43	100.00	1.90	0.32	1.90	0.02
123		47.48	100.00	6.46	1.52	6.46	0.06
124		48.61	100.00	3.36	0.86	3.36	0.03
125		49.77	100.00	1.23	0.21	1.23	0.01
126		51.48	100.00	6.27	1.61	6.27	0.06
127		53.05	100.00	1.71	0.43	1.71	0.02
128		55.21	100.00	7.16	1.58	7.16	0.07
129		59.92	100.00	8.23	1.21	8.23	0.08
130		66.96	100.00	8.83	0.82	8.83	0.09
131		68.52	100.00	6.46	0.65	6.46	0.06
132		69.81	100.00	1.70	0.17	1.70	0.02





40

38.354

40.016

40.293

40.706

43.111

44.077

45.425

47.484

48.610

50

49.765

51.478

53.054

55.209

