

3311-DDCZX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
33110003.D

Citronella (Organic)

HP-5 5% Phenyl Methyl Siloxane

3311-DDCZX

30.000m

India

250.000um

cymbopogon nardus

0.250um

Sample/Solvent: 0.05g/0.53g

Injection: 0.2uL

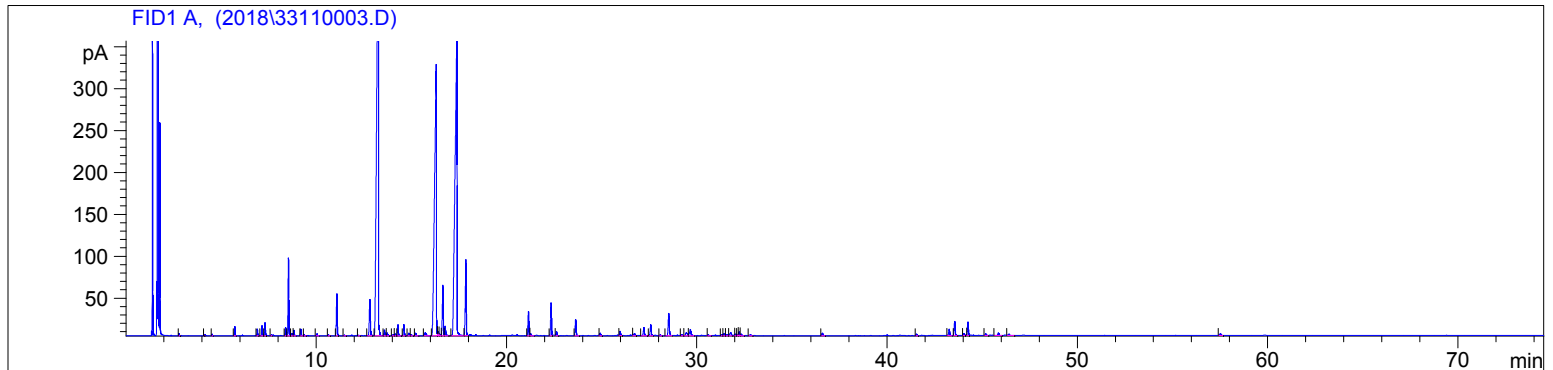
15:1 Split Ratio

5/3/2018 10:00:48 AM

5/3/2018

5/3/2018 10:00:48 AM

12:00:23 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.78	100.00	5.32	2.62	5.32	0.05
2		4.13	100.00	2.39	1.11	2.39	0.02
3		4.51	100.00	3.91	2.07	3.91	0.04
4		5.71	100.00	25.26	11.09	25.26	0.24
5		6.90	100.00	19.83	8.10	19.83	0.19
6	sabinene	7.14	100.00	29.99	11.94	29.99	0.28
7	beta pinene	7.30	100.00	43.13	15.58	43.13	0.41
8		7.64	100.00	2.91	1.00	2.91	0.03
9		8.38	100.00	26.23	10.09	26.23	0.25
10	d-limonene	8.53	100.00	244.34	92.68	244.34	2.32
11		8.70	100.00	9.75	2.62	9.75	0.09
12	cis-beta ocimene	8.84	100.00	17.29	6.32	17.29	0.16
13	trans-beta ocimene	9.20	100.00	23.07	7.95	23.07	0.22
14		9.37	100.00	4.65	1.56	4.65	0.04
15	cis-linalool oxide	10.05	100.00	7.19	2.23	7.19	0.07
16		10.65	100.00	4.44	1.21	4.44	0.04
17	linalool	11.09	100.00	151.95	50.19	151.95	1.44
18		11.49	100.00	3.74	1.04	3.74	0.04
19		12.22	100.00	4.40	1.02	4.40	0.04
20		12.83	100.00	163.52	43.33	163.52	1.55
21	isopulegol	0.00	0.00	0.00	0.00	0.00	0.00
22	citronellal	13.27	100.00	3210.42	536.48	3210.42	30.45
23	borneol	13.59	100.00	23.83	7.05	23.83	0.23
24		13.74	100.00	11.91	3.27	11.91	0.11
25	terpin-4-ol	14.04	100.00	5.35	1.17	5.35	0.05
26		14.16	100.00	8.02	2.34	8.02	0.08
27		14.30	100.00	40.42	13.03	40.42	0.38
28	alpha terpineol	14.62	100.00	45.06	13.51	45.06	0.43
29		14.87	100.00	12.95	3.05	12.95	0.12
30		15.00	100.00	7.02	1.67	7.02	0.07
31		15.23	100.00	12.02	3.04	12.02	0.11
32		15.73	100.00	20.41	3.42	20.41	0.19
33	citronellol	16.31	100.00	2158.82	323.51	2158.82	20.48
34		16.42	100.00	16.96	4.50	16.96	0.16
35		16.48	100.00	9.20	2.43	9.20	0.09
36	pulegone	16.66	100.00	201.84	60.07	201.84	1.91

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37	neral	16.79	100.00	42.33	11.36	42.33	0.40
38	geraniol	17.40	100.00	2671.49	356.92	2671.49	25.34
39	geranial	17.88	100.00	309.10	90.45	309.10	2.93
40	citronellyl acetate	21.16	100.00	93.48	29.00	93.48	0.89
41		21.27	100.00	10.39	2.32	10.39	0.10
42	geranyl acetate	22.36	100.00	128.93	39.31	128.93	1.22
43		22.63	100.00	17.42	5.01	17.42	0.17
44	beta caryophyllene	23.64	100.00	70.06	19.33	70.06	0.66
45		24.93	100.00	11.19	2.94	11.19	0.11
46		25.98	100.00	17.39	5.01	17.39	0.16
47		0.00	0.00	0.00	0.00	0.00	0.00
48		26.74	100.00	14.21	2.67	14.21	0.13
49		27.23	100.00	40.75	9.98	40.75	0.39
50		27.59	100.00	48.07	12.96	48.07	0.46
51		28.08	100.00	4.89	1.31	4.89	0.05
52		28.53	100.00	106.61	26.52	106.61	1.01
53		29.21	100.00	4.22	1.00	4.22	0.04
54		29.45	100.00	20.90	3.45	20.90	0.20
55		29.67	100.00	38.43	7.36	38.43	0.36
56		30.61	100.00	5.25	1.11	5.25	0.05
57		31.31	100.00	4.07	1.02	4.07	0.04
58		31.43	100.00	10.11	2.39	10.11	0.10
59		31.57	100.00	7.46	1.62	7.46	0.07
60		31.79	100.00	18.60	3.21	18.60	0.18
61		32.04	100.00	7.18	1.72	7.18	0.07
62		32.16	100.00	4.83	1.63	4.83	0.05
63		32.23	100.00	18.62	4.51	18.62	0.18
64		32.33	100.00	9.39	2.01	9.39	0.09
65		32.83	100.00	6.33	1.23	6.33	0.06
66		36.61	100.00	13.30	2.95	13.30	0.13
67		41.56	100.00	7.12	2.01	7.12	0.07
68		43.27	100.00	29.22	7.87	29.22	0.28
69		43.56	100.00	63.42	16.78	63.42	0.60
70		44.04	100.00	10.71	2.42	10.71	0.10
71		44.26	100.00	57.26	16.09	57.26	0.54
72		45.20	100.00	8.95	1.87	8.95	0.08
73		45.86	160.20	14.34	3.18	14.34	0.14
74		46.41	100.00	8.39	1.70	8.39	0.08
75		57.52	100.00	11.06	2.01	11.06	0.10



20

21.162 - citronellyl acetate
21.273

22.355 - geranyl acetate
22.634

23.644 - beta caryophyllene

24.931

25.982

26.736

27.227
27.590

28.084

28.534

29.213
29.450
29.670

30

30.605

31.310
31.429
31.570
31.794
32.044
32.164
32.331

32.829

36.607

