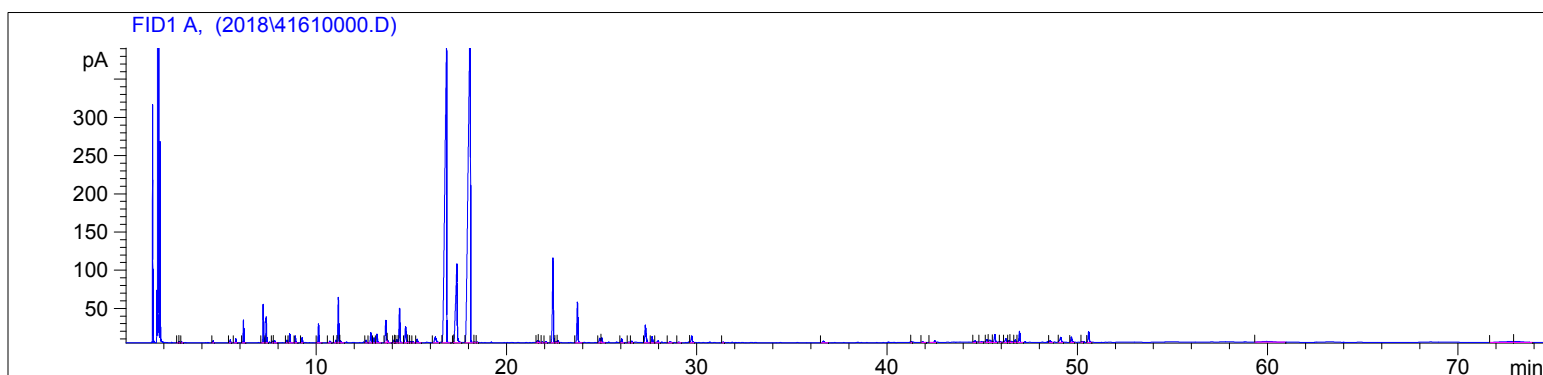


Citronella (Organic)
4161-DDCZX
India
cymbopogon flexuosus
Sample/Solvent: 0.05g/0.60g
Injection: 0.2uL
15:1 Split Ratio

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

5/1/2018 12:54:42 PM
5/1/2018 12:54:42 PM

5/2/2018
3:13:25 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		0.00	0.00	0.00	0.00	0.00	0.00
2		2.76	100.00	2.28	1.24	2.28	0.02
3		2.92	100.00	2.83	1.15	2.83	0.03
4		4.58	100.00	6.30	2.69	6.30	0.07
5	alpha thujene	5.47	100.00	8.12	3.72	8.12	0.08
6	alpha pinene	5.77	100.00	13.03	5.51	13.03	0.14
7	camphene	6.17	100.00	67.93	29.80	67.93	0.71
8	methyl heptenone	7.21	100.00	123.26	50.34	123.26	1.28
9	myrcene	7.36	100.00	85.38	33.84	85.38	0.89
10	n-octanal	7.71	100.00	5.45	2.05	5.45	0.06
11	p-mentha-1(7),8-diene	7.80	100.00	10.90	2.73	10.90	0.11
12	delta-3 carene	0.00	0.00	0.00	0.00	0.00	0.00
13	para cymene	8.45	100.00	11.16	3.61	11.16	0.12
14	d-limonene	8.60	100.00	34.81	11.80	34.81	0.36
15	1.8 cineol	0.00	0.00	0.00	0.00	0.00	0.00
16	cis-beta ocimene	8.91	100.00	24.22	8.97	24.22	0.25
17	trans-beta ocimene	9.27	100.00	18.57	6.70	18.57	0.19
18	gamma terpinene	0.00	0.00	0.00	0.00	0.00	0.00
19	cis-linalool oxide	10.13	100.00	68.83	24.77	68.83	0.72
20	terpinolene	10.72	100.00	10.30	2.21	10.30	0.11
21	trans-sabinene hydrate	11.04	100.00	11.36	3.60	11.36	0.12
22	linalool	11.17	100.00	176.13	59.57	176.13	1.83
23		11.28	100.00	12.38	2.91	12.38	0.13
24	camphor	12.62	100.00	11.40	3.31	11.40	0.12
25	isopulegol	12.88	100.00	41.28	13.04	41.28	0.43
26	myrcenone	13.04	100.00	20.74	6.43	20.74	0.22
27	citronellal	13.20	100.00	37.22	11.21	37.22	0.39
28	borneol	13.66	100.00	103.18	29.52	103.18	1.07
29		13.74	100.00	11.95	3.43	11.95	0.12
30		14.08	100.00	11.32	3.43	11.32	0.12
31		14.15	100.00	3.26	1.12	3.26	0.03
32		14.24	100.00	14.72	4.15	14.72	0.15
33	terpin-4-ol	14.38	100.00	145.75	45.41	145.75	1.52
34	alpha terpineol	14.70	100.00	86.87	21.19	86.87	0.90
35		14.83	100.00	6.40	1.31	6.40	0.07
36		14.97	100.00	6.89	1.85	6.89	0.07

4161-DDCZX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
41610000.DCitronella (Organic)
4161-DDCZX
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cymbopogon flexuosus
Sample/Solvent: 0.05g/0.60g
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30.000m
250.000um
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5/1/2018 12:54:42 PM5/2/2018
3:13:25 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37		15.09	100.00	7.43	1.65	7.43	0.08
38	n-decanal	15.31	100.00	19.13	4.60	19.13	0.20
39	nerol	0.00	0.00	0.00	0.00	0.00	0.00
40	citronellol	16.26	100.00	51.05	7.68	51.05	0.53
41	neral (citral B)	16.85	100.00	2600.98	391.04	2600.98	27.10
42	piperitone	17.22	19.80	3.35	1.34	3.35	0.03
43	geraniol	17.40	100.00	603.98	103.01	603.98	6.29
44	linalyl acetate	0.00	0.00	0.00	0.00	0.00	0.00
45	geranial (citral A)	18.11	100.00	3613.12	465.64	3613.12	37.64
46		18.33	100.00	6.20	1.24	6.20	0.06
47	bornyl acetate	18.47	100.00	4.78	1.03	4.78	0.05
48	methyl geranate	0.00	0.00	0.00	0.00	0.00	0.00
49	alpha terpinyl acetate	0.00	0.00	0.00	0.00	0.00	0.00
50	geranic acid	0.00	0.00	0.00	0.00	0.00	0.00
51	neryl acetate	21.63	100.00	11.41	2.57	11.41	0.12
52		21.71	100.00	9.67	2.38	9.67	0.10
53	alpha copaene	21.89	100.00	5.06	1.22	5.06	0.05
54		22.06	100.00	5.42	1.28	5.42	0.06
55	geranyl acetate	22.45	100.00	387.89	110.91	387.89	4.04
56		22.62	100.00	7.89	1.66	7.89	0.08
57		22.72	100.00	11.56	3.05	11.56	0.12
58	beta caryophyllene	23.73	100.00	193.10	52.91	193.10	2.01
59	alpha humulene	24.90	100.00	23.72	5.74	23.72	0.25
60		25.01	100.00	27.37	6.24	27.37	0.29
61	germacrene D	26.06	100.00	20.20	5.11	20.20	0.21
62		26.45	100.00	4.46	1.17	4.46	0.05
63		26.59	100.00	8.87	2.11	8.87	0.09
64	germacrene A	27.31	100.00	103.67	23.04	103.67	1.08
65		27.66	100.00	31.30	7.98	31.30	0.33
66		27.97	100.00	13.25	2.42	13.25	0.14
67		28.60	100.00	9.80	1.48	9.80	0.10
68		29.06	100.00	4.27	1.03	4.27	0.04
69	caryophyllene oxide	29.74	100.00	40.02	8.86	40.02	0.42
70		31.38	100.00	4.33	1.04	4.33	0.05
71		36.67	100.00	12.55	2.21	12.55	0.13
72		41.87	100.00	6.34	1.02	6.34	0.07
73		42.51	100.00	13.10	2.42	13.10	0.14
74		44.63	100.00	16.57	2.33	16.57	0.17
75		44.97	100.00	12.84	1.43	12.84	0.13
76		45.26	100.00	20.43	3.94	20.43	0.21
77		45.41	100.00	25.37	3.14	25.37	0.26
78		45.67	100.00	46.74	10.66	46.74	0.49
79		45.96	100.00	6.82	1.24	6.82	0.07
80		46.25	100.00	26.55	4.93	26.55	0.28
81		46.40	100.00	11.76	2.64	11.76	0.12
82		46.51	100.00	12.63	1.68	12.63	0.13
83		46.74	100.00	14.15	3.38	14.15	0.15
84		46.97	100.00	56.99	14.49	56.99	0.59
85		48.57	100.00	11.58	2.26	11.58	0.12
86		49.13	100.00	40.98	6.85	40.98	0.43
87		49.69	100.00	29.60	6.93	29.60	0.31
88		50.27	100.00	6.10	1.47	6.10	0.06
89		50.60	100.00	56.57	14.24	56.57	0.59



