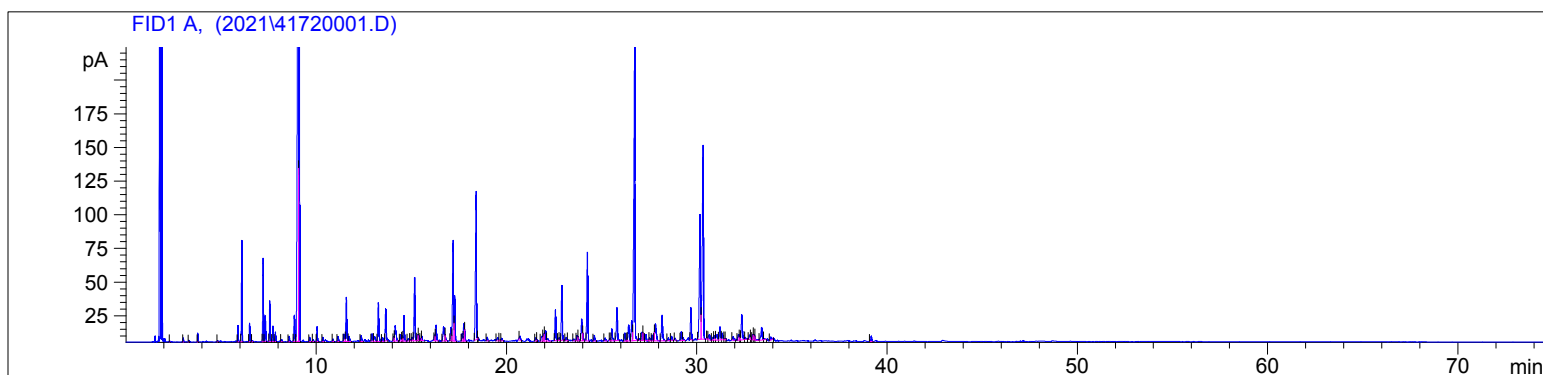


4172-FBHK

Instrument 6890

C:\HPCHEM\2\DATA\2021\
41720001.DLemon Verbena
4172-FBHK
Morocco
Lippia citriodoraHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250umSample Ratio: 0.06g/0.50g
Injection Amount: 0.2uL
20:1 Split Ratio

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6/30/2021 9:30:37 AM
6/30/2021 9:30:37 AM6/30/2021
11:41:06 AM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.30	100.00	0.53	0.50	0.53	0.01
2		3.01	100.00	4.02	2.87	4.02	0.05
3		3.30	100.00	2.09	1.22	2.09	0.02
4		3.77	100.00	10.89	6.65	10.89	0.13
5		4.81	100.00	1.45	0.78	1.45	0.02
6	alpha thujene	5.88	100.00	25.75	12.15	25.75	0.30
7	alpha pinene	6.08	100.00	170.55	75.25	170.55	1.99
8	camphene	6.49	100.00	32.34	13.81	32.34	0.38
9		6.64	100.00	2.20	0.98	2.20	0.03
10	beta pinene	7.20	100.00	147.81	61.86	147.81	1.72
11		7.31	100.00	57.72	19.05	57.72	0.67
12	myrcene	7.55	100.00	72.81	30.22	72.81	0.85
13		7.72	100.00	30.38	11.49	30.38	0.35
14		7.85	100.00	17.88	6.97	17.88	0.21
15	delta-3-carene	8.17	100.00	3.95	1.48	3.95	0.05
16		8.57	100.00	10.56	3.90	10.56	0.12
17	para cymene	8.84	100.00	60.84	19.47	60.84	0.71
18	d-limonene	9.04	100.00	1714.58	432.81	1714.58	20.01
19	1.8 cineol	9.10	100.00	600.89	251.15	600.89	7.01
20	trans-beta ocimene	9.66	100.00	8.00	3.10	8.00	0.09
21	dihydro tagetone	9.84	100.00	3.86	1.19	3.86	0.05
22		10.05	100.00	30.34	10.95	30.34	0.35
23		10.35	100.00	9.64	3.30	9.64	0.11
24		10.88	100.00	5.68	1.83	5.68	0.07
25	terpinolene	11.15	100.00	13.92	3.70	13.92	0.16
26	alpha pinene oxide	11.47	100.00	18.17	5.31	18.17	0.21
27	linalool	11.59	100.00	105.42	32.69	105.42	1.23
28	n-nonanal	11.73	100.00	15.91	3.69	15.91	0.19
29		12.37	100.00	16.22	4.27	16.22	0.19
30		12.94	100.00	17.23	5.40	17.23	0.20
31	trans para mentha-2-en-1-ol	13.08	100.00	16.30	3.30	16.30	0.19
32		13.27	100.00	97.91	28.64	97.91	1.14
33	ipsdienol	13.50	100.00	8.18	2.70	8.18	0.10
34	citronellal	13.66	100.00	77.90	23.72	77.90	0.91

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41720001.D

Lemon Verbena

HP-5 5% Phenyl Methyl Siloxane

4172-FBHK

30.000m

Morocco

250.000um

Lippia citriodora

0.250um

Sample Ratio: 0.06g/0.50g

Injection Amount: 0.2uL

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11:41:06 AM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
35		14.08	100.00	9.28	3.00	9.28	0.11
36	borneol	14.16	100.00	55.71	11.41	55.71	0.65
37		14.44	100.00	16.27	4.89	16.27	0.19
38		14.53	100.00	12.32	4.00	12.32	0.14
39	terpin-4-ol	14.62	100.00	65.15	18.98	65.15	0.76
40		14.85	100.00	8.41	1.97	8.41	0.10
41		14.95	100.00	3.63	1.22	3.63	0.04
42		15.04	100.00	10.16	2.59	10.16	0.12
43		15.18	100.00	156.23	46.87	156.23	1.82
44		15.35	100.00	17.69	4.38	17.69	0.21
45		15.38	100.00	10.33	4.33	10.33	0.12
46	myrtenol	15.53	100.00	5.09	1.94	5.09	0.06
47		15.56	100.00	8.61	3.37	8.61	0.10
48		16.23	100.00	15.03	4.21	15.03	0.18
49	trans carveol	16.31	100.00	42.75	11.72	42.75	0.50
50	nerol	16.70	100.00	50.34	10.57	50.34	0.59
51	cis carveol	16.78	100.00	11.08	4.48	11.08	0.13
52		17.08	100.00	32.54	10.08	32.54	0.38
53	neral	17.20	100.00	264.82	74.75	264.82	3.09
54		17.29	100.00	113.64	33.71	113.64	1.33
55		17.68	100.00	17.38	5.48	17.38	0.20
56	geraniol	17.77	100.00	45.35	12.90	45.35	0.53
57		17.80	100.00	17.97	8.88	17.97	0.21
58	geranial	18.41	100.00	402.46	110.13	402.46	4.70
59		18.51	100.00	2.75	1.18	2.75	0.03
60		18.99	100.00	8.16	2.67	8.16	0.10
61		19.55	100.00	10.72	2.11	10.72	0.13
62		19.67	100.00	2.23	0.54	2.23	0.03
63		19.76	100.00	7.69	1.91	7.69	0.09
64		20.72	100.00	13.52	3.11	13.52	0.16
65		21.55	100.00	8.96	2.46	8.96	0.10
66		21.61	100.00	2.59	1.12	2.59	0.03
67		21.86	100.00	16.73	3.68	16.73	0.20
68		21.99	100.00	22.64	5.60	22.64	0.26
69		22.07	100.00	39.76	7.54	39.76	0.46
70		22.15	100.00	10.38	1.90	10.38	0.12
71	neryl acetate	22.58	100.00	78.43	22.90	78.43	0.92
72		22.72	100.00	5.38	1.79	5.38	0.06
73		22.79	100.00	5.41	1.86	5.41	0.06
74		22.92	100.00	139.51	40.61	139.51	1.63
75		23.15	100.00	9.42	2.56	9.42	0.11
76		23.22	100.00	2.59	0.87	2.59	0.03
77		23.55	100.00	3.87	1.21	3.87	0.05
78		23.72	100.00	13.72	3.99	13.72	0.16
79		23.77	100.00	8.79	2.91	8.79	0.10
80		23.96	100.00	58.07	16.05	58.07	0.68
81		24.00	100.00	15.10	5.90	15.10	0.18
82	beta caryophyllene	24.26	100.00	238.37	65.73	238.37	2.78
83		24.62	100.00	14.46	4.14	14.46	0.17
84		25.19	100.00	8.80	2.29	8.80	0.10
85		25.44	100.00	4.92	1.48	4.92	0.06
86	alpha humulene	25.54	100.00	35.93	8.87	35.93	0.42
87	beta farnesene	25.82	100.00	95.35	24.38	95.35	1.11
88	beta acoradiene	26.23	100.00	21.28	5.95	21.28	0.25
89		26.33	100.00	3.37	1.32	3.37	0.04

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Lemon Verbena

HP-5 5% Phenyl Methyl Siloxane

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Morocco

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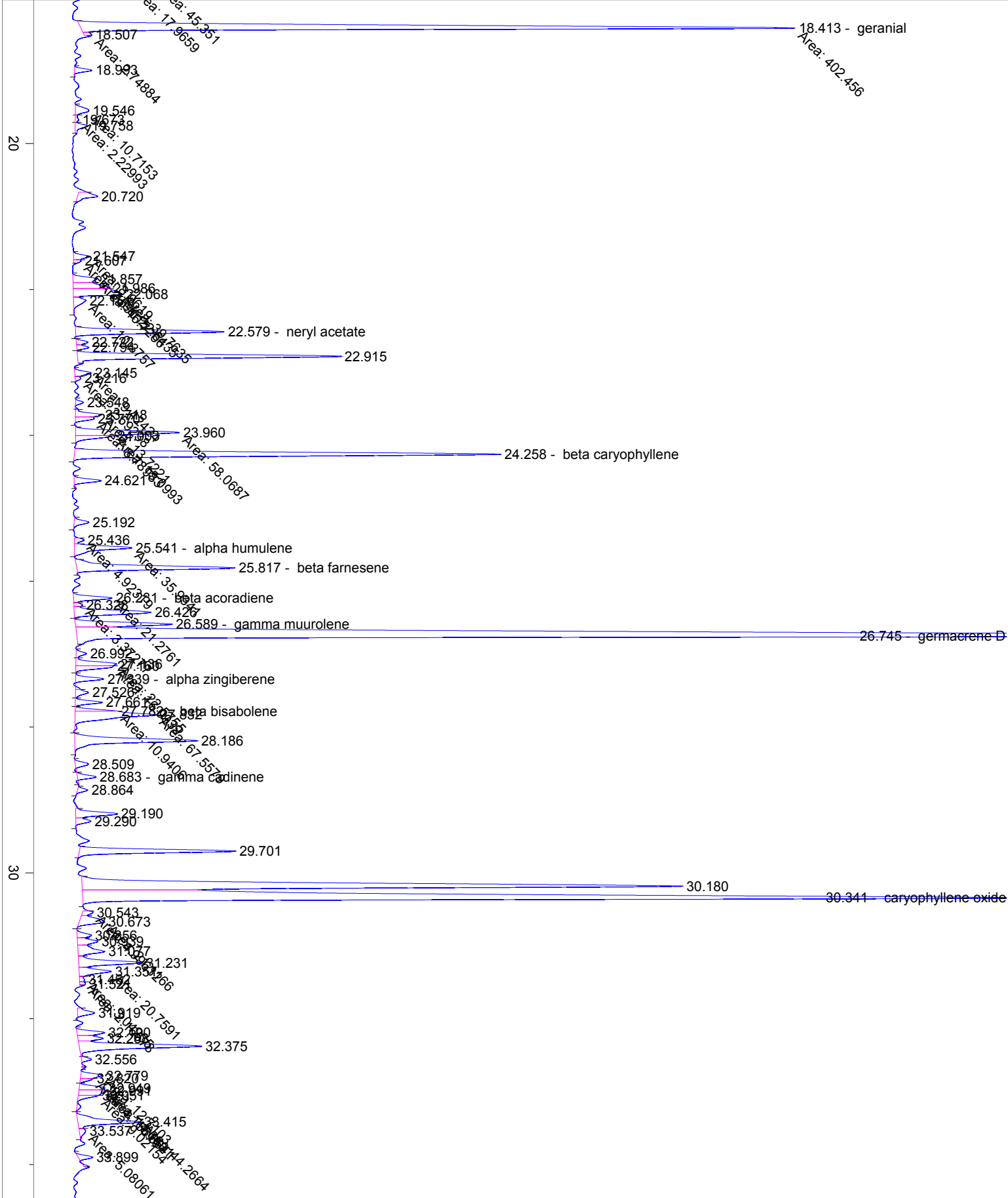
6/30/2021

6/30/2021 9:30:37 AM

11:41:06 AM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
90		26.43	100.00	50.78	11.82	50.78	0.59
91	gamma muurolene	26.59	100.00	52.63	14.91	52.63	0.61
92	germacrene D	26.74	100.00	945.30	224.46	945.30	11.03
93		26.99	100.00	5.78	1.59	5.78	0.07
94		27.14	100.00	22.58	6.28	22.58	0.26
95		27.16	100.00	16.09	5.80	16.09	0.19
96	alpha zingiberene	27.34	100.00	15.01	4.33	15.01	0.18
97		27.53	100.00	7.60	2.02	7.60	0.09
98		27.66	100.00	13.08	4.17	13.08	0.15
99	beta bisabolene	27.78	100.00	10.94	6.58	10.94	0.13
100		27.83	100.00	67.56	12.53	67.56	0.79
101		28.19	100.00	80.70	18.91	80.70	0.94
102		28.51	100.00	7.49	2.02	7.49	0.09
103	gamma cadinene	28.68	100.00	8.99	2.85	8.99	0.10
104		28.86	100.00	4.76	1.55	4.76	0.06
105		29.19	100.00	25.00	6.42	25.00	0.29
106		29.29	100.00	8.42	2.31	8.42	0.10
107		29.70	100.00	81.91	24.07	81.91	0.96
108		30.18	100.00	399.56	92.59	399.56	4.66
109	caryophyllene oxide	30.34	100.00	644.05	143.72	644.05	7.52
110		30.54	100.00	5.00	1.59	5.00	0.06
111		30.67	100.00	21.12	3.92	21.12	0.25
112		30.86	100.00	8.06	2.18	8.06	0.09
113		30.94	100.00	13.22	3.13	13.22	0.15
114		31.08	100.00	21.20	4.11	21.20	0.25
115		31.23	100.00	40.48	9.84	40.48	0.47
116		31.35	100.00	20.76	4.98	20.76	0.24
117		31.46	100.00	3.04	0.78	3.04	0.04
118		31.52	100.00	2.17	0.91	2.17	0.03
119		31.92	100.00	10.33	2.62	10.33	0.12
120		32.19	100.00	15.44	4.29	15.44	0.18
121		32.27	100.00	13.95	3.89	13.95	0.16
122		32.38	100.00	80.17	18.89	80.17	0.94
123		32.56	100.00	5.14	1.48	5.14	0.06
124		32.78	100.00	12.71	3.34	12.71	0.15
125		32.82	100.00	4.16	1.92	4.16	0.05
126		32.95	100.00	14.08	3.95	14.08	0.16
127		32.99	100.00	16.86	4.14	16.86	0.20
128		33.05	100.00	9.02	3.11	9.02	0.11
129		33.42	100.00	44.27	9.63	44.27	0.52
130		33.54	100.00	5.08	1.02	5.08	0.06
131		33.90	100.00	8.48	2.23	8.48	0.10
132		39.16	100.00	13.70	3.89	13.70	0.16





40

50

39.161

60

70

min