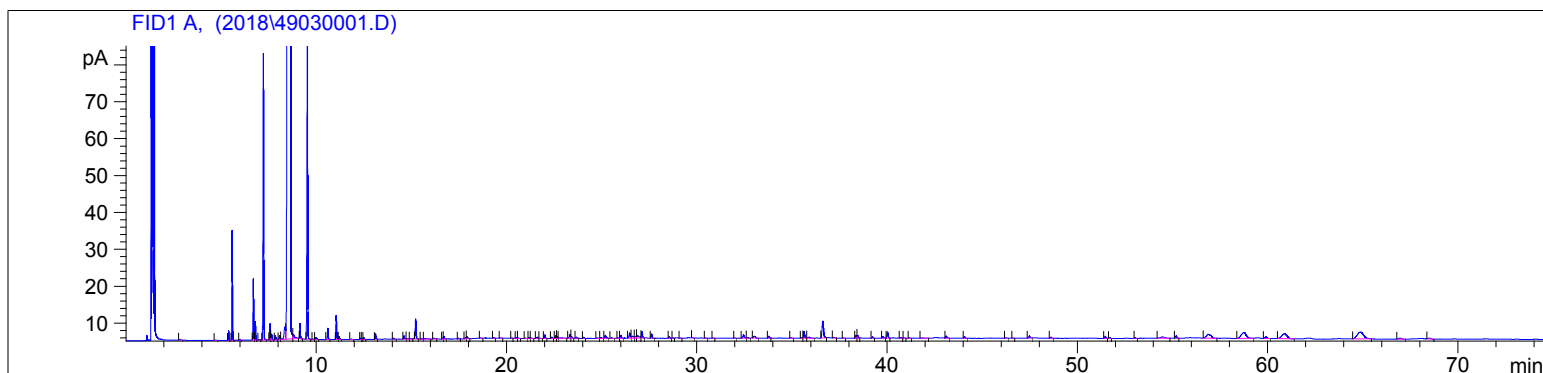


Tangerine
4903-GGBGX
USA
citrus reticulata
Sample/Solvent: 0.05g/0.57g
Injection: 0.2uL
15:1 Split Ratio

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

7/30/2018 10:38:02 AM
7/30/2018 10:38:02 AM

7/30/2018
12:02:41 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.84	100.00	0.83	0.26	0.83	0.01
2		4.70	100.00	0.40	0.09	0.40	0.00
3	alpha thujene	5.38	100.00	5.50	2.61	5.50	0.05
4	alpha pinene	5.58	100.00	65.80	29.79	65.80	0.61
5		5.98	100.00	0.50	0.17	0.50	0.00
6	sabinene	6.69	100.00	40.30	16.75	40.30	0.37
7	beta pinene	6.79	100.00	12.61	5.06	12.61	0.12
8		7.01	100.00	0.31	0.10	0.31	0.00
9	myrcene	7.21	100.00	194.03	77.57	194.03	1.79
10	n-octanal	7.57	100.00	11.94	4.47	11.94	0.11
11		7.65	100.00	4.58	1.51	4.58	0.04
12	delta-3-carene	7.84	100.00	3.20	1.19	3.20	0.03
13	alpha terpinene	8.06	100.00	3.91	1.03	3.91	0.04
14	para cymene	8.35	100.00	20.38	3.35	20.38	0.19
15	limonene	8.64	100.00	9886.66	1486.84	9886.66	91.09
16	cis-beta ocimene	8.79	100.00	6.99	1.05	6.99	0.06
17	trans-beta ocimene	9.16	100.00	10.32	4.11	10.32	0.10
18	gamma terpinene	9.54	100.00	228.22	85.15	228.22	2.10
19		9.83	100.00	0.29	0.12	0.29	0.00
20		9.99	100.00	2.47	0.51	2.47	0.02
21	terpinolene	10.62	100.00	9.00	3.08	9.00	0.08
22	linalool	11.06	100.00	20.01	6.55	20.01	0.18
23	nonanal	11.21	100.00	2.52	0.78	2.52	0.02
24		11.83	100.00	0.46	0.14	0.46	0.00
25	cis-limonene oxide	12.32	100.00	1.11	0.37	1.11	0.01
26		12.40	100.00	0.34	0.12	0.34	0.00
27	trans-limonene oxide	12.50	100.00	1.45	0.47	1.45	0.01
28	citronellal	13.12	100.00	4.54	1.44	4.54	0.04
29	terpin-4-ol	14.07	100.00	1.03	0.27	1.03	0.01
30	alpha terpineol	14.62	100.00	3.25	0.91	3.25	0.03
31		14.82	100.00	0.78	0.14	0.78	0.01
32		14.95	100.00	0.94	0.20	0.94	0.01
33	n-decanal	15.23	100.00	17.15	5.38	17.15	0.16
34		15.52	100.00	0.68	0.19	0.68	0.01
35	trans-carveol	15.77	100.00	1.38	0.18	1.38	0.01
36	cis-carveol	16.20	100.00	1.28	0.23	1.28	0.01

4903-GGBGX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
49030001.DTangerine
4903-GGBGX
USA
citrus reticulata
Sample/Solvent: 0.05g/0.57g
Injection: 0.2uL
15:1 Split RatioHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um7/30/2018 10:38:02 AM
7/30/2018 10:38:02 AM7/30/2018
12:02:41 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37		16.64	100.00	0.64	0.22	0.64	0.01
38	carvone	16.72	100.00	2.40	0.63	2.40	0.02
39		17.49	100.00	0.86	0.23	0.86	0.01
40		17.85	100.00	1.26	0.38	1.26	0.01
41		17.93	100.00	2.29	0.51	2.29	0.02
42	thymol	18.65	100.00	0.54	0.12	0.54	0.01
43		19.33	100.00	0.63	0.19	0.63	0.01
44		19.69	100.00	0.66	0.14	0.66	0.01
45		20.27	100.00	0.28	0.09	0.28	0.00
46		20.53	100.00	0.78	0.23	0.78	0.01
47		20.61	100.00	0.76	0.15	0.76	0.01
48		20.99	100.00	0.41	0.13	0.41	0.00
49		21.19	100.00	0.89	0.23	0.89	0.01
50		21.31	100.00	0.79	0.14	0.79	0.01
51		21.62	100.00	1.66	0.39	1.66	0.02
52		21.77	100.00	0.72	0.13	0.72	0.01
53		22.02	100.00	3.31	0.94	3.31	0.03
54		22.38	100.00	1.17	0.33	1.17	0.01
55		22.58	100.00	2.73	0.76	2.73	0.03
56		22.67	100.00	1.58	0.46	1.58	0.01
57		22.88	100.00	2.47	0.21	2.47	0.02
58		23.34	100.00	3.85	1.06	3.85	0.04
59		23.41	100.00	1.93	0.50	1.93	0.02
60		23.68	100.00	1.03	0.31	1.03	0.01
61		24.06	100.00	1.34	0.37	1.34	0.01
62		24.77	100.00	0.78	0.15	0.78	0.01
63		24.97	100.00	0.95	0.25	0.95	0.01
64		25.20	100.00	3.77	0.81	3.77	0.03
65		25.52	100.00	0.80	0.18	0.80	0.01
66		25.88	100.00	0.57	0.13	0.57	0.01
67		26.02	100.00	2.85	0.79	2.85	0.03
68		26.48	100.00	6.04	1.43	6.04	0.06
69		26.62	100.00	4.23	0.52	4.23	0.04
70		26.78	100.00	2.50	0.43	2.50	0.02
71		26.90	100.00	5.88	0.66	5.88	0.05
72	valencene	27.13	100.00	6.10	1.72	6.10	0.06
73		27.63	100.00	4.21	1.13	4.21	0.04
74		28.57	100.00	1.34	0.36	1.34	0.01
75		28.79	100.00	0.56	0.15	0.56	0.01
76		29.14	100.00	0.29	0.08	0.29	0.00
77		29.77	100.00	0.36	0.10	0.36	0.00
78		30.47	100.00	0.26	0.07	0.26	0.00
79		30.86	100.00	0.26	0.07	0.26	0.00
80		31.99	100.00	0.31	0.09	0.31	0.00
81		32.46	100.00	4.46	0.86	4.46	0.04
82		32.66	100.00	0.91	0.15	0.91	0.01
83		33.03	100.00	3.79	0.49	3.79	0.03
84		33.79	100.00	2.12	0.53	2.12	0.02
85		34.96	100.00	0.96	0.16	0.96	0.01
86		35.51	100.00	0.87	0.19	0.87	0.01
87	beta sinensal	35.65	100.00	7.51	1.81	7.51	0.07
88		35.92	100.00	2.22	0.25	2.22	0.02
89	alpha sinensal	36.64	100.00	24.93	4.52	24.93	0.23
90		37.21	100.00	0.89	0.17	0.89	0.01
91		37.71	100.00	0.45	0.12	0.45	0.00

4903-GGBGX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
49030001.DTangerine
4903-GGBGX
USA
citrus reticulata
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Injection: 0.2uL
15:1 Split RatioHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um7/30/2018 10:38:02 AM
7/30/2018 10:38:02 AM7/30/2018
12:02:41 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
92		38.37	100.00	2.73	0.68	2.73	0.03
93		38.46	100.00	3.06	0.77	3.06	0.03
94		39.25	100.00	1.18	0.31	1.18	0.01
95		39.79	100.00	1.94	0.46	1.94	0.02
96		40.03	100.00	6.31	1.60	6.31	0.06
97		40.72	100.00	0.68	0.14	0.68	0.01
98		40.90	100.00	0.40	0.09	0.40	0.00
99		41.18	100.00	0.47	0.12	0.47	0.00
100		41.91	100.00	0.87	0.08	0.87	0.01
101		43.12	100.00	2.63	0.56	2.63	0.02
102		44.08	100.00	1.60	0.41	1.60	0.01
103		46.25	100.00	0.62	0.14	0.62	0.01
104		46.62	100.00	0.37	0.09	0.37	0.00
105		47.48	100.00	2.33	0.53	2.33	0.02
106		48.61	100.00	1.25	0.31	1.25	0.01
107		51.48	100.00	2.37	0.57	2.37	0.02
108		51.71	100.00	0.43	0.13	0.43	0.00
109		53.05	100.00	0.64	0.16	0.64	0.01
110		54.49	100.00	5.39	0.34	5.39	0.05
111		55.20	100.00	2.62	0.60	2.62	0.02
112		56.89	100.00	17.37	1.03	17.37	0.16
113		58.76	100.00	28.71	1.59	28.71	0.26
114		59.91	100.00	3.25	0.45	3.25	0.03
115		60.90	100.00	26.44	1.38	26.44	0.24
116		64.88	100.00	43.91	1.87	43.91	0.40
117		66.97	100.00	3.28	0.31	3.28	0.03
118		68.51	100.00	1.93	0.21	1.93	0.02



20

18.653 - thymol

19.333

19.689

20.265

20.529

20.814

20.993

21.191

21.308

21.624

21.769

22.018

22.383

22.585

22.668

22.882

23.337

23.412

23.677

24.058

24.774

24.970

25.199

25.518

25.883

26.022

26.481

26.619

26.784

26.900

27.130 - valencene

27.631

28.566

28.789

29.138

29.770

30.467

30.862

31.987

32.462

32.663

33.027

33.789

34.962

35.510

35.649 - beta sinensal

35.919

36.635 - alpha sinensal

30

