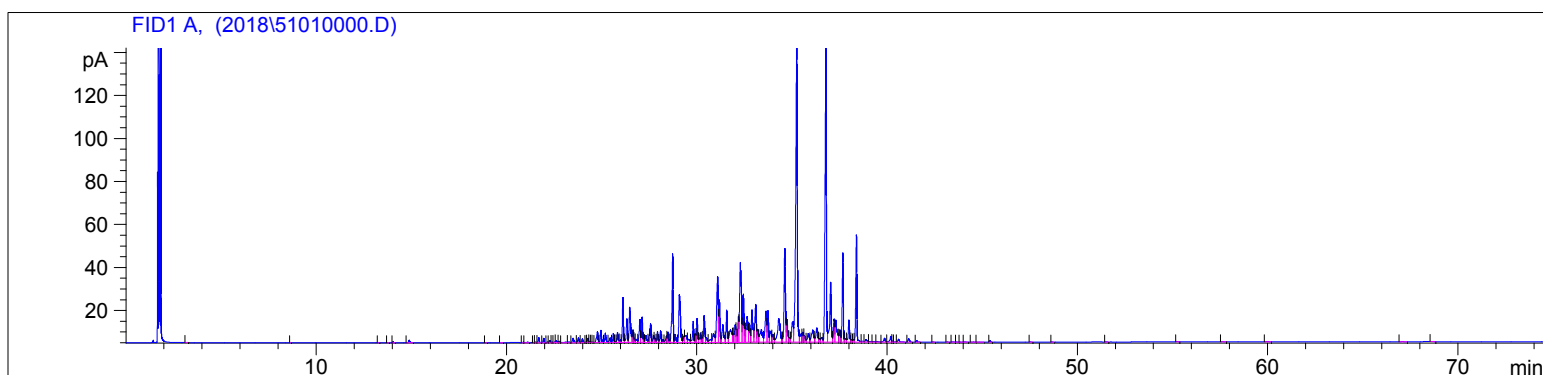


Vetiver (Organic)
5101-EEAGX
Haiti
vetiveria zianioides
Sample/Solvent: 0.03g/0.61g
Injection: 0.2uL
15:1 Split Ratio

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

5/18/2018 2:56:05 PM
5/18/2018 2:56:05 PM

1/29/2019
10:12:32 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		3.17	100.00	0.33	0.09	0.33	0.01
2		8.66	100.00	0.37	0.13	0.37	0.01
3		13.27	100.00	0.45	0.14	0.45	0.01
4		13.75	100.00	0.32	0.09	0.32	0.01
5		14.04	100.00	1.62	0.49	1.62	0.03
6		14.89	100.00	5.71	1.14	5.71	0.10
7		18.91	100.00	0.58	0.16	0.58	0.01
8		19.73	100.00	0.31	0.06	0.31	0.01
9		20.87	100.00	0.86	0.23	0.86	0.01
10		21.10	100.00	1.54	0.29	1.54	0.03
11		21.42	100.00	0.41	0.10	0.41	0.01
12		21.53	100.00	1.13	0.27	1.13	0.02
13		21.69	100.00	8.53	2.32	8.53	0.15
14		21.95	100.00	7.13	2.01	7.13	0.12
15		22.13	100.00	1.00	0.30	1.00	0.02
16		22.26	100.00	3.96	1.05	3.96	0.07
17		22.39	100.00	1.10	0.30	1.10	0.02
18		22.54	100.00	1.99	0.47	1.99	0.03
19		22.61	100.00	4.56	0.83	4.56	0.08
20		22.77	100.00	2.48	0.67	2.48	0.04
21		23.11	100.00	3.20	0.32	3.20	0.06
22		23.25	100.00	1.75	0.34	1.75	0.03
23		23.49	100.00	11.10	2.07	11.10	0.19
24	beta elemene	23.77	100.00	10.37	2.16	10.37	0.18
25		23.98	100.00	8.19	1.70	8.19	0.14
26		24.18	100.00	1.22	0.33	1.22	0.02
27		24.27	100.00	7.42	2.05	7.42	0.13
28		24.36	100.00	2.33	0.61	2.33	0.04
29		24.46	100.00	1.11	0.28	1.11	0.02
30		24.53	100.00	1.00	0.30	1.00	0.02
31		24.77	100.00	26.37	5.06	26.37	0.46
32	beta caryophyllene	24.96	100.00	23.75	5.66	23.75	0.41
33		25.19	100.00	19.33	4.29	19.33	0.34
34		25.44	100.00	11.08	2.12	11.08	0.19
35		25.61	100.00	16.39	4.21	16.39	0.28
36		25.71	100.00	2.16	0.56	2.16	0.04

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37		25.82	100.00	20.62	4.66	20.62	0.36
38		25.98	100.00	5.27	1.20	5.27	0.09
39	khusimene	26.11	100.00	75.45	20.87	75.45	1.31
40		26.32	100.00	49.79	11.06	49.79	0.86
41		26.47	100.00	87.29	16.33	87.29	1.51
42		26.64	100.00	24.35	5.83	24.35	0.42
43		26.72	100.00	5.33	1.58	5.33	0.09
44		26.82	100.00	8.84	1.47	8.84	0.15
45		27.00	100.00	48.18	10.74	48.18	0.83
46	gamma muurolene	27.12	100.00	45.74	11.82	45.74	0.79
47		27.20	100.00	4.76	1.66	4.76	0.08
48	germacrene d	27.31	100.00	16.70	3.24	16.70	0.29
49		27.50	100.00	10.23	3.33	10.23	0.18
50		27.57	100.00	33.21	8.74	33.21	0.58
51		27.72	100.00	14.33	3.31	14.33	0.25
52		27.80	100.00	8.80	2.03	8.80	0.15
53		27.92	100.00	19.16	4.93	19.16	0.33
54		28.09	100.00	22.06	5.38	22.06	0.38
55		28.22	100.00	5.80	1.40	5.80	0.10
56		28.39	100.00	12.95	2.98	12.95	0.22
57		28.48	100.00	19.13	4.78	19.13	0.33
58		28.57	100.00	2.16	0.78	2.16	0.04
59	gamma vetivenene	28.73	100.00	175.43	41.27	175.43	3.04
60	delta cadinene	28.86	100.00	16.77	3.77	16.77	0.29
61	beta vetivenene	29.08	100.00	132.53	22.28	132.53	2.30
62		29.33	100.00	12.93	2.94	12.93	0.22
63		29.44	100.00	23.67	3.12	23.67	0.41
64		29.56	100.00	10.51	1.45	10.51	0.18
65		29.80	100.00	40.87	9.70	40.87	0.71
66		29.93	100.00	12.90	3.85	12.90	0.22
67		30.01	100.00	45.48	11.19	45.48	0.79
68		30.18	100.00	20.56	4.25	20.56	0.36
69		30.29	100.00	7.83	2.00	7.83	0.14
70		30.38	100.00	58.73	12.48	58.73	1.02
71		30.49	100.00	10.89	2.23	10.89	0.19
72		30.71	100.00	11.10	1.39	11.10	0.19
73		30.86	100.00	29.63	3.90	29.63	0.51
74		31.09	100.00	171.05	30.36	171.05	2.96
75		31.18	100.00	76.91	19.71	76.91	1.33
76		31.36	100.00	52.48	8.23	52.48	0.91
77		31.57	100.00	65.16	14.92	65.16	1.13
78		31.75	100.00	57.33	5.79	57.33	0.99
79		31.92	100.00	14.92	3.77	14.92	0.26
80		32.01	100.00	39.56	8.10	39.56	0.69
81		32.06	100.00	18.77	5.95	18.77	0.33
82		32.18	100.00	43.11	11.96	43.11	0.75
83		32.28	100.00	246.14	37.18	246.14	4.26
84		32.44	100.00	94.27	22.31	94.27	1.63
85		32.53	100.00	25.64	6.77	25.64	0.44
86		32.64	100.00	73.38	11.90	73.38	1.27
87		32.76	100.00	42.58	8.89	42.58	0.74
88		32.89	100.00	83.41	15.03	83.41	1.45
89		33.09	100.00	96.66	17.60	96.66	1.67
90		33.18	100.00	27.86	6.07	27.86	0.48
91		33.38	100.00	56.99	5.89	56.99	0.99

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

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
92		33.64	100.00	93.29	14.50	93.29	1.62
93		33.74	100.00	60.67	14.75	60.67	1.05
94		33.88	100.00	32.83	5.16	32.83	0.57
95		33.99	100.00	19.09	3.54	19.09	0.33
96		34.30	100.00	106.48	11.05	106.48	1.84
97		34.49	100.00	2.94	1.61	2.94	0.05
98	zizanal	34.62	100.00	219.58	43.45	219.58	3.80
99		34.73	100.00	51.01	10.60	51.01	0.88
100		34.87	100.00	10.37	2.18	10.37	0.18
101		35.01	100.00	60.95	9.38	60.95	1.06
102	khusimone	35.25	100.00	813.94	146.35	813.94	14.10
103		35.48	100.00	22.76	3.97	22.76	0.39
104		35.57	100.00	23.25	4.62	23.25	0.40
105		35.64	100.00	15.03	3.13	15.03	0.26
106		35.85	100.00	28.67	3.97	28.67	0.50
107		36.09	100.00	47.26	5.73	47.26	0.82
108		36.30	100.00	44.12	6.60	44.12	0.76
109		36.44	100.00	6.82	1.59	6.82	0.12
110		36.56	100.00	14.00	2.18	14.00	0.24
111	khusimol	36.78	100.00	659.60	142.14	659.60	11.43
112	bicyclo vetivenol	37.02	100.00	151.91	27.84	151.91	2.63
113		37.21	100.00	48.26	10.75	48.26	0.84
114		37.30	100.00	72.31	10.19	72.31	1.25
115		37.51	100.00	27.14	5.62	27.14	0.47
116	beta vetivone	37.67	100.00	163.82	41.47	163.82	2.84
117		37.79	100.00	8.63	1.43	8.63	0.15
118		37.99	100.00	49.10	10.31	49.10	0.85
119		38.13	100.00	5.23	1.11	5.23	0.09
120		38.24	100.00	5.10	1.14	5.10	0.09
121	alpha vetivone	38.38	100.00	202.88	49.75	202.88	3.52
122		38.71	100.00	3.17	0.43	3.17	0.05
123		38.89	100.00	7.38	1.10	7.38	0.13
124		39.09	100.00	2.87	0.33	2.87	0.05
125		39.31	100.00	2.51	0.27	2.51	0.04
126		39.48	100.00	2.18	0.25	2.18	0.04
127		39.86	100.00	9.40	1.83	9.40	0.16
128		40.19	100.00	12.98	2.65	12.98	0.22
129		40.28	100.00	1.15	0.34	1.15	0.02
130		40.37	100.00	0.71	0.12	0.71	0.01
131		40.59	100.00	6.64	1.24	6.64	0.12
132		41.14	100.00	8.29	1.50	8.29	0.14
133		41.57	100.00	3.21	0.63	3.21	0.06
134		42.43	100.00	0.55	0.13	0.55	0.01
135		43.18	100.00	0.62	0.12	0.62	0.01
136		43.44	100.00	1.21	0.18	1.21	0.02
137		43.66	100.00	0.54	0.11	0.54	0.01
138		43.87	100.00	0.45	0.10	0.45	0.01
139		44.08	100.00	1.43	0.20	1.43	0.02
140		44.55	100.00	0.89	0.14	0.89	0.02
141		44.85	100.00	0.95	0.11	0.95	0.02
142		45.42	100.00	2.44	0.62	2.44	0.04
143		47.54	100.00	0.83	0.20	0.83	0.01
144		48.67	100.00	0.43	0.10	0.43	0.01
145		51.53	100.00	0.58	0.13	0.58	0.01
146		55.26	100.00	0.78	0.15	0.78	0.01

5101-EEAGX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
51010000.D

Vetiver (Organic)

HP-5 5% Phenyl Methyl Siloxane

5101-EEAGX

30.000m

Haiti

250.000um

vetiveria zianioides

0.250um

Sample/Solvent: 0.03g/0.61g

Injection: 0.2uL

15:1 Split Ratio

5/18/2018 2:56:05 PM

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
147		57.64	100.00	0.96	0.15	0.96	0.02
148		60.00	100.00	1.89	0.21	1.89	0.03
149		67.08	100.00	0.98	0.09	0.98	0.02
150		68.64	100.00	0.92	0.10	0.92	0.02



20

30

18.915

19.731

20.869

21.104

21.415

21.529

21.686

21.947

22.129

22.261

22.385

22.519

22.770

23.105

23.252

23.489

23.770 - beta elemene

23.977

24.177

24.341

24.456

24.535

24.772

24.955 - beta caryophyllene

25.185

25.437

25.608

25.710

25.824

25.978

26.111 - khusimene

26.319

26.467

26.643

26.719

26.823

27.004

27.197

27.314 - gamma muurolene

27.497

27.565

27.609

27.924

28.088

28.216

28.391

28.476

28.568

28.726 - gamma vetivenene

28.858 - delta cadinene

29.076 - beta vetivenene

29.326

29.437

29.558

29.804

29.930

30.009

30.179

30.285

30.379

30.494

30.715

30.863

31.179

31.089

31.362

31.567

31.750

31.923

32.061

32.061

32.183

32.283

32.526

32.439

32.639

32.758

32.892

33.184

33.085

33.380

33.636

33.736

33.880

33.991

34.295

34.485

34.617 - zizanal

34.731

34.867

35.014

35.246 - khusimone

35.481

35.648

35.848

36.088

36.302

36.441

36.558

36.783 - khusimol

37.025 - bicyclo vetivonal

