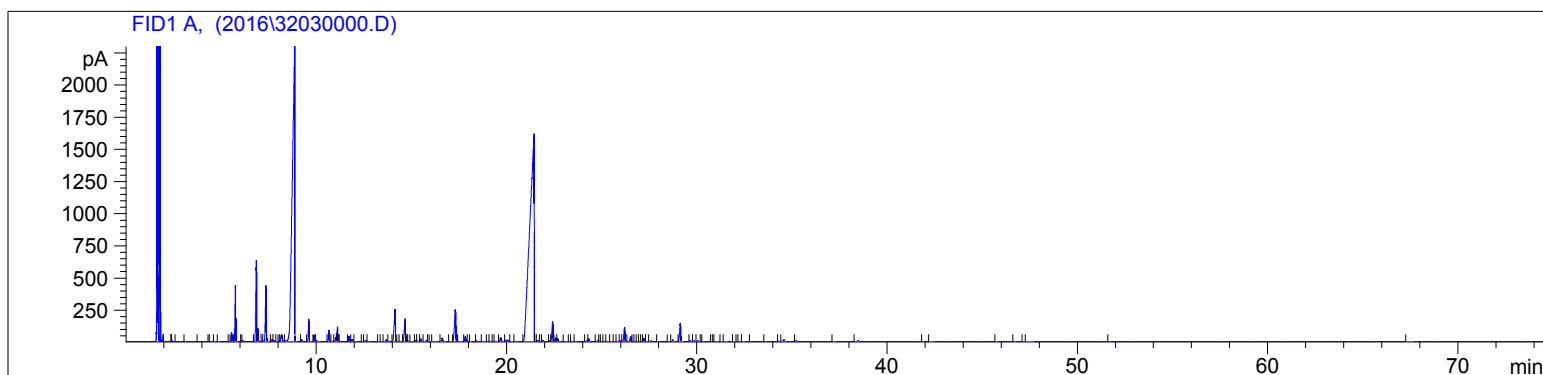


Cardamom (Organic)  
3202-KKZGT  
Guatemala  
eletteria cardamomum  
Sample/Hexane: 0.23g/0.10g  
Injection: 0.2uL

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

11/30/2016 1:47:02 PM  
11/30/2016 1:47:02 PM

5/1/2018  
3:31:46 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.38	100.00	8.64	6.31	8.64	0.01
2		2.42	100.00	7.87	5.04	7.87	0.01
3		2.61	100.00	1.69	1.22	1.69	0.00
4		3.08	100.00	7.88	4.42	7.88	0.01
5		3.78	100.00	2.09	0.86	2.09	0.00
6		4.35	100.00	6.03	3.20	6.03	0.01
7		4.40	100.00	4.02	2.07	4.02	0.01
8		4.69	100.00	6.39	2.65	6.39	0.01
9		4.87	100.00	3.49	1.15	3.49	0.01
10		5.43	100.00	2.02	0.79	2.02	0.00
11	alpha thujene	5.54	100.00	163.51	69.97	163.51	0.27
12	alpha pinene	5.74	100.00	1051.53	437.67	1051.53	1.71
13		6.08	100.00	4.49	2.45	4.49	0.01
14	camphene	6.12	100.00	19.25	7.42	19.25	0.03
15	sabinene	6.84	100.00	1873.62	632.78	1873.62	3.05
16	beta pinene	6.93	100.00	234.03	101.91	234.03	0.38
17		7.17	100.00	18.20	6.23	18.20	0.03
18	myrcene	7.35	100.00	1412.64	436.71	1412.64	2.30
19	octanal	7.67	100.00	54.46	16.41	54.46	0.09
20		7.76	100.00	33.26	7.92	33.26	0.05
21		7.95	100.00	9.26	2.48	9.26	0.02
22		8.02	100.00	3.47	0.85	3.47	0.01
23	alpha terpinene	8.17	100.00	271.88	54.01	271.88	0.44
24	1,8-cineole	8.87	100.00	21907.82	2298.15	21907.82	35.60
25	trans-beta ocimene	9.23	100.00	45.58	18.49	45.58	0.07
26	gamma terpinene	9.62	100.00	476.66	175.66	476.66	0.77
27	n-octanol	9.90	100.00	137.42	50.94	137.42	0.22
28		10.02	100.00	40.14	11.90	40.14	0.07
29	terpinolene	10.67	100.00	237.14	85.95	237.14	0.39
30		10.83	100.00	13.28	3.98	13.28	0.02
31		11.02	100.00	91.50	31.35	91.50	0.15
32	linalool	11.12	100.00	342.45	112.63	342.45	0.56
33		11.25	100.00	3.48	1.12	3.48	0.01
34	trans-thujone	11.74	100.00	115.55	41.20	115.55	0.19
35		11.90	100.00	57.01	19.15	57.01	0.09
36		12.04	100.00	7.62	1.53	7.62	0.01
37		12.42	100.00	2.91	0.79	2.91	0.00

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

11/30/2016 1:47:02 PM  
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3:31:46 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
38		12.59	100.00	35.16	10.58	35.16	0.06
39		12.81	100.00	7.35	1.32	7.35	0.01
40		13.31	100.00	6.14	1.45	6.14	0.01
41		13.41	100.00	10.63	2.68	10.63	0.02
42		13.68	100.00	57.43	12.23	57.43	0.09
43		13.83	100.00	16.87	3.81	16.87	0.03
44	terpin-4-ol	14.15	100.00	1066.61	249.80	1066.61	1.73
45		14.32	100.00	11.35	2.79	11.35	0.02
46		14.40	100.00	18.31	2.98	18.31	0.03
47	alpha terpineol	14.68	100.00	727.17	176.69	727.17	1.18
48		14.77	100.00	36.70	12.23	36.70	0.06
49		14.82	100.00	22.02	4.75	22.02	0.04
50		14.96	100.00	4.30	0.89	4.30	0.01
51		15.23	100.00	26.38	8.19	26.38	0.04
52		15.31	100.00	22.70	5.02	22.70	0.04
53	decanal	15.51	100.00	65.97	21.12	65.97	0.11
54		15.77	100.00	27.15	7.04	27.15	0.04
55		15.90	100.00	3.48	0.82	3.48	0.01
56		15.99	100.00	4.82	1.33	4.82	0.01
57		16.15	100.00	16.90	2.27	16.90	0.03
58	neral	16.63	100.00	101.97	28.27	101.97	0.17
59		17.11	100.00	5.86	1.03	5.86	0.01
60	linalyl acetate	17.32	100.00	1251.16	248.19	1251.16	2.03
61		17.48	100.00	14.68	3.27	14.68	0.02
62	geranial	17.84	100.00	139.55	37.55	139.55	0.23
63		17.99	100.00	11.96	2.45	11.96	0.02
64		18.11	100.00	8.40	1.84	8.40	0.01
65		18.44	100.00	22.85	6.48	22.85	0.04
66		18.80	100.00	19.64	3.89	19.64	0.03
67		19.02	100.00	17.51	4.27	17.51	0.03
68		19.15	100.00	22.18	3.58	22.18	0.04
69		19.30	100.00	10.23	2.15	10.23	0.02
70		19.42	100.00	18.90	3.09	18.90	0.03
71		19.70	100.00	134.13	31.13	134.13	0.22
72		20.01	100.00	118.64	13.50	118.64	0.19
73		20.23	100.00	10.69	2.10	10.69	0.02
74		20.51	100.00	18.57	3.88	18.57	0.03
75	alpha-terpinyl acetate	21.46	100.00	25877.79	1618.84	25877.79	42.06
76		21.51	100.00	13.01	3.71	13.01	0.02
77		21.66	100.00	35.02	8.78	35.02	0.06
78		21.81	100.00	4.52	1.00	4.52	0.01
79		21.91	100.00	47.24	11.86	47.24	0.08
80		22.27	100.00	27.20	8.19	27.20	0.04
81	geranyl acetate	22.43	100.00	575.14	153.84	575.14	0.93
82		22.58	100.00	97.29	27.56	97.29	0.16
83		22.69	100.00	99.13	24.34	99.13	0.16
84		23.05	100.00	5.47	0.76	5.47	0.01
85		23.32	100.00	7.31	2.05	7.31	0.01
86		23.42	100.00	14.11	3.81	14.11	0.02
87		23.68	100.00	9.67	2.49	9.67	0.02
88		24.23	100.00	25.60	6.16	25.60	0.04
89		24.32	100.00	69.35	20.01	69.35	0.11
90		24.79	100.00	25.10	6.02	25.10	0.04
91		24.89	100.00	6.10	1.69	6.10	0.01
92		24.98	100.00	13.23	3.21	13.23	0.02

Cardamom (Organic)  
3202-KKZGT  
Guatemala  
eletteria cardamomum  
Sample/Hexane: 0.23g/0.10g  
Injection: 0.2uL

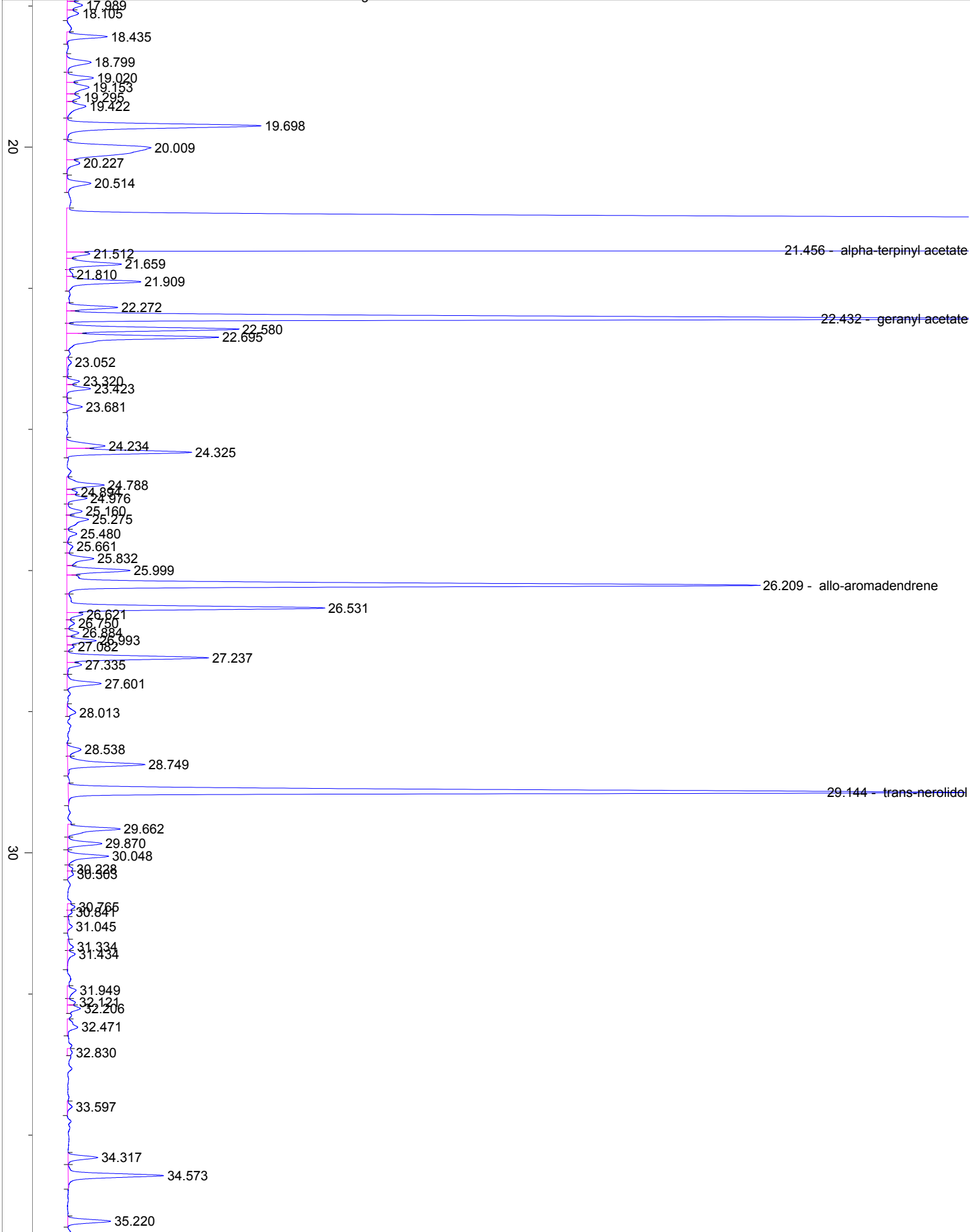
HP-5 5% Phenyl Methyl Siloxane  
30.000m  
250.000um  
0.250um

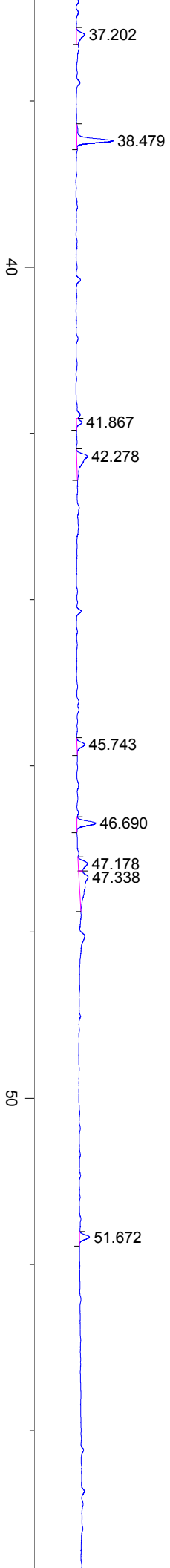
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11/30/2016 1:47:02 PM

5/1/2018  
3:31:46 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
93		25.16	100.00	10.45	2.45	10.45	0.02
94		25.27	100.00	19.34	3.49	19.34	0.03
95		25.48	100.00	7.16	1.59	7.16	0.01
96		25.66	100.00	5.16	0.97	5.16	0.01
97		25.83	100.00	20.76	4.32	20.76	0.03
98		26.00	100.00	39.65	10.13	39.65	0.06
99	allo-aromadendrene	26.21	100.00	416.19	110.95	416.19	0.68
100		26.53	100.00	149.04	41.28	149.04	0.24
101		26.62	100.00	9.23	2.54	9.23	0.02
102		26.75	100.00	5.54	1.21	5.54	0.01
103		26.88	100.00	7.25	1.88	7.25	0.01
104		26.99	100.00	17.31	4.65	17.31	0.03
105		27.08	100.00	4.19	1.15	4.19	0.01
106		27.24	100.00	80.44	22.68	80.44	0.13
107		27.33	100.00	8.77	2.33	8.77	0.01
108		27.60	100.00	22.71	5.46	22.71	0.04
109		28.01	100.00	6.98	1.38	6.98	0.01
110		28.54	100.00	11.08	2.20	11.08	0.02
111		28.75	100.00	51.93	12.37	51.93	0.08
112	trans-nerolidol	29.14	100.00	547.16	143.69	547.16	0.89
113		29.66	100.00	34.93	8.37	34.93	0.06
114		29.87	100.00	21.21	5.46	21.21	0.03
115		30.05	100.00	26.22	6.55	26.22	0.04
116		30.23	100.00	3.02	0.84	3.02	0.00
117		30.30	100.00	4.05	0.93	4.05	0.01
118		30.77	100.00	4.62	1.20	4.62	0.01
119		30.84	100.00	2.70	0.75	2.70	0.00
120		31.05	100.00	4.15	0.76	4.15	0.01
121		31.33	100.00	4.61	0.95	4.61	0.01
122		31.43	100.00	5.94	1.23	5.94	0.01
123		31.95	100.00	8.09	1.41	8.09	0.01
124		32.12	100.00	5.13	1.30	5.13	0.01
125		32.21	100.00	9.56	2.08	9.56	0.02
126		32.47	100.00	10.47	1.66	10.47	0.02
127		32.83	100.00	3.86	0.80	3.86	0.01
128		33.60	100.00	3.51	0.78	3.51	0.01
129		34.32	100.00	16.93	4.73	16.93	0.03
130		34.57	100.00	59.14	15.31	59.14	0.10
131		35.22	100.00	23.77	6.86	23.77	0.04
132		37.20	100.00	6.31	1.10	6.31	0.01
133		38.48	100.00	18.53	4.94	18.53	0.03
134		41.87	100.00	2.91	0.76	2.91	0.00
135		42.28	100.00	11.87	1.47	11.87	0.02
136		45.74	100.00	4.54	1.04	4.54	0.01
137		46.69	100.00	9.81	2.56	9.81	0.02
138		47.18	100.00	7.59	1.26	7.59	0.01
139		47.34	100.00	16.59	1.24	16.59	0.03
140		51.67	100.00	5.18	1.37	5.18	0.01
141		67.45	100.00	10.28	1.08	10.28	0.02







60

70

min

67.448