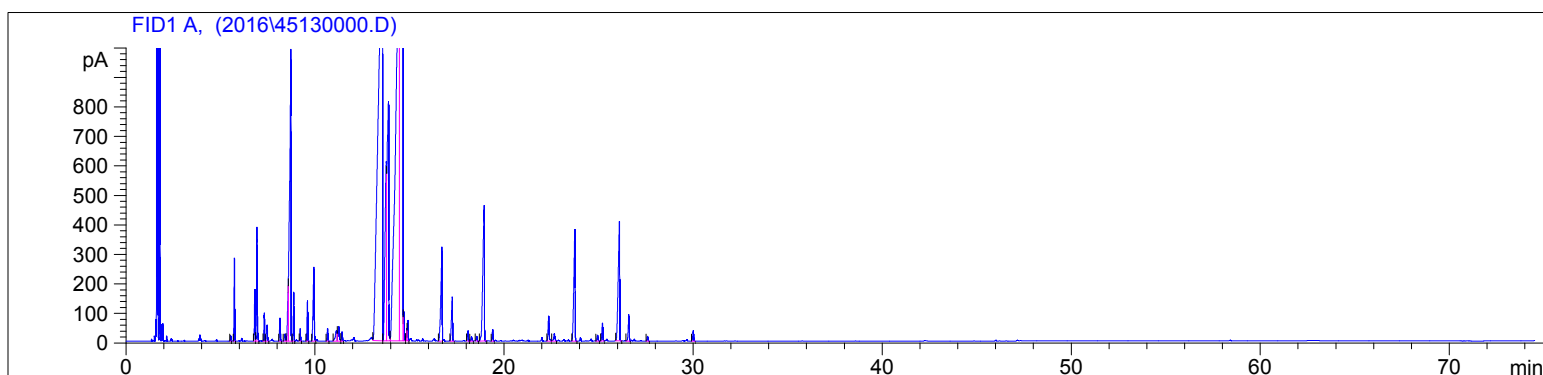


Peppermint Willamette
4513-JJZFT
USA
mentha piperita
Sample/Hexane: 0.21g/0.06g
Injection: 0.2uL

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

10/10/2016 1:16:50 PM
10/10/2016 1:16:50 PM

12/14/2016
1:35:21 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	alpha thujene	5.53	136.41	41.51	18.90	41.51	0.05
2	alpha pinene	5.73	94.85	639.03	281.52	639.03	0.76
3	camphene	0.00	0.00	0.00	0.00	0.00	0.00
4	sabinene	6.81	134.37	473.83	174.55	473.83	0.56
5	beta pinene	6.92	105.94	1044.34	384.57	1044.34	1.24
6		0.00	0.00	0.00	0.00	0.00	0.00
7	myrcene	7.31	119.37	232.22	95.31	232.22	0.28
8		7.46	0.00	192.40	54.37	192.40	0.23
9		0.00	0.00	0.00	0.00	0.00	0.00
10	delta-3 carene	8.14	155.27	227.35	77.70	227.35	0.27
11	para cymene	8.41	86.40	105.84	23.75	105.84	0.13
12	limonene	8.58	18.81	484.66	187.50	484.66	0.58
13	1.8 cineol	8.72	193.46	5139.64	985.62	5139.64	6.10
14	cis-beta ocimene	8.87	454.34	419.11	166.20	419.11	0.50
15		9.21	0.00	104.98	41.57	104.98	0.12
16	trans-beta ocimene	9.59	0.00	372.09	136.34	372.09	0.44
17	gamma terpinene	9.94	459.57	1040.97	250.10	1040.97	1.24
18	terpinolene	10.65	736.07	122.84	42.53	122.84	0.15
19		11.12	0.00	254.45	35.42	254.45	0.30
20		11.24	0.00	229.81	49.32	229.81	0.27
21		11.42	0.00	98.24	31.45	98.24	0.12
22	menth-2-en-1-ol <trans-para	0.00	0.00	0.00	0.00	0.00	0.00
23	menthone	13.56	128.46	20854.65	1308.48	20854.65	24.76
24	menthofuran	13.77	0.00	3653.01	607.01	3653.01	4.34
25	isomenthone	13.88	0.00	4804.00	809.04	4804.00	5.70
26	neo-menthol	14.44	57.31	17844.23	1172.60	17844.23	21.18
27	menthol	14.64	0.00	14905.56	1631.79	14905.56	17.70
28	terpin-4-ol	14.69	113.18	350.61	99.89	350.61	0.42
29		14.86	0.00	108.71	41.53	108.71	0.13
30		14.91	0.00	189.90	70.33	189.90	0.23
31	pulegone	16.71	163.12	1560.91	316.75	1560.91	1.85
32	piperitone	17.25	129.09	606.13	148.77	606.13	0.72
33		18.08	0.00	114.45	34.70	114.45	0.14
34		18.27	0.00	55.83	14.80	55.83	0.07
35		18.55	0.00	51.36	15.96	51.36	0.06
36	menthyl acetate	18.94	56.02	2583.49	457.13	2583.49	3.07

4513-JJZFT

Instrument 6890

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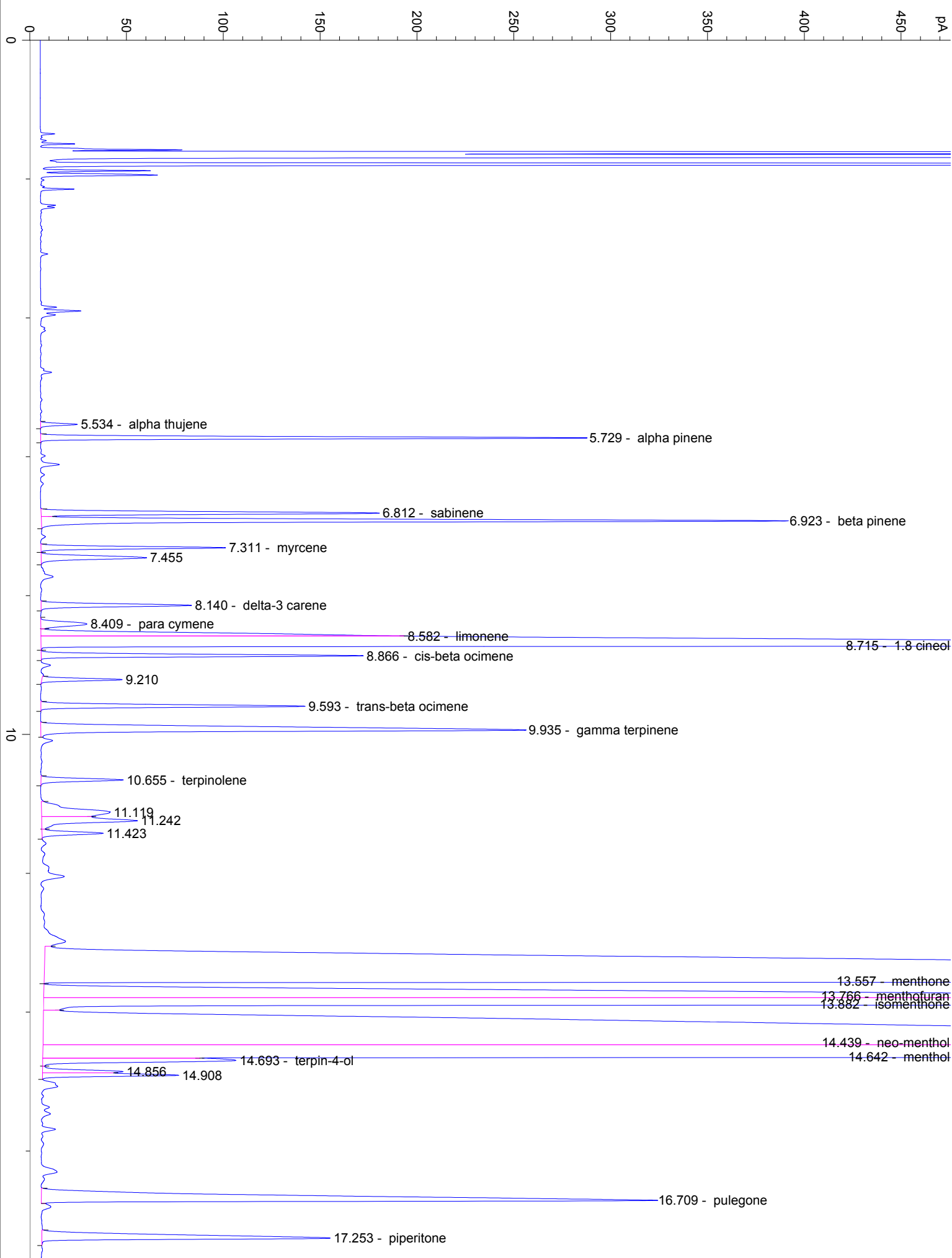
Peppermint Willamette
4513-JJZFT
USA
mentha piperita
Sample/Hexane: 0.21g/0.06g
Injection: 0.2uL

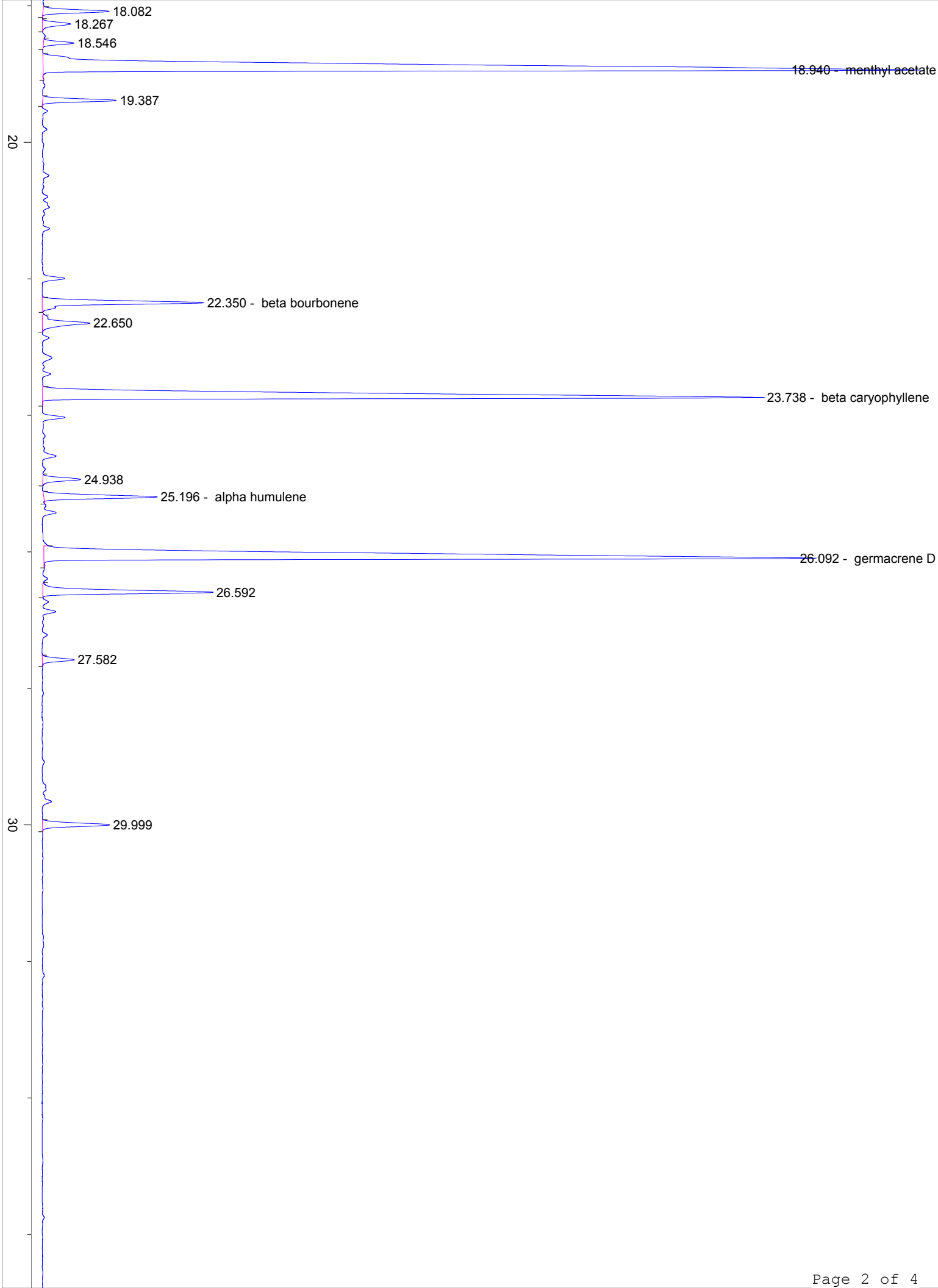
HP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

10/10/2016 1:16:50 PM
10/10/2016 1:16:50 PM

12/14/2016
1:35:21 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37		19.39	0.00	122.35	38.69	122.35	0.15
38	beta bourbonene	22.35	207.45	321.85	84.70	321.85	0.38
39		22.65	0.00	119.81	24.93	119.81	0.14
40	beta caryophyllene	23.74	88.01	1810.99	378.62	1810.99	2.15
41		24.94	0.00	72.52	19.85	72.52	0.09
42	alpha humulene	25.20	22.19	215.95	59.51	215.95	0.26
43	germacrene D	26.09	343.72	2145.39	404.38	2145.39	2.55
44		26.59	0.00	331.08	89.31	331.08	0.39
45		27.58	0.00	57.24	16.72	57.24	0.07
46		30.00	0.00	129.87	35.19	129.87	0.15





40

50

60

70

min