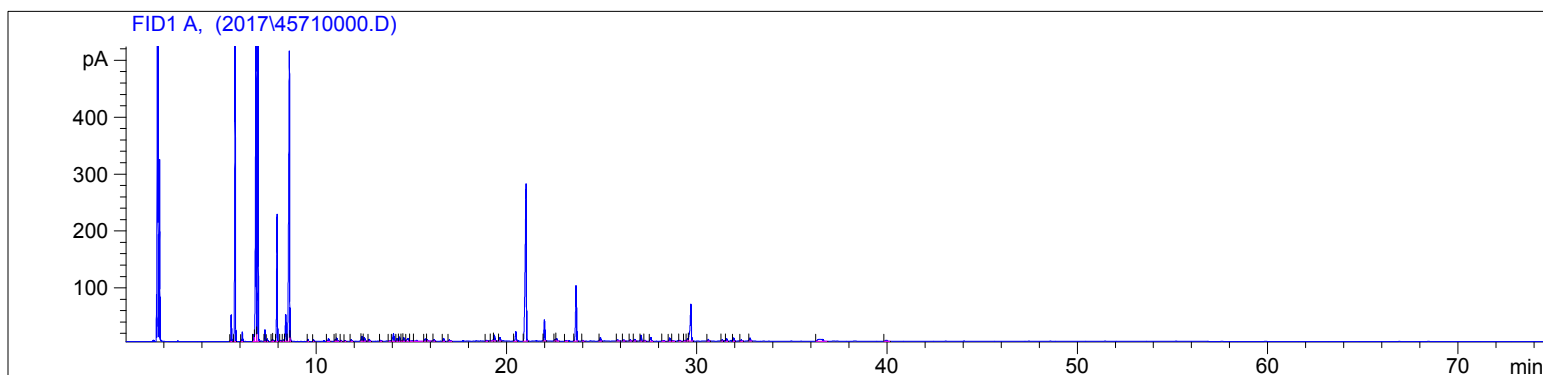


Black Pepper (FT, Org.)
4571-JJBDU
Sri Lanka
piper nigrum
Sample/CH4: 0.04g/0.50g
Injection: 0.2uL

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

10/25/2017 10:02:04 AM
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10/27/2017
2:20:47 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	alpha thujene	5.53	100.00	103.37	46.96	103.37	1.03
2	alpha pinene	5.73	100.00	1368.78	576.53	1368.78	13.70
3	camphene	6.11	100.00	39.41	16.79	39.41	0.39
4		6.72	100.00	33.87	12.01	33.87	0.34
5	sabinene	6.83	100.00	1601.54	523.86	1601.54	16.03
6	beta pinene	6.93	100.00	1414.65	557.97	1414.65	14.16
7	myrcene	7.30	100.00	48.02	20.77	48.02	0.48
8		7.42	100.00	11.01	4.51	11.01	0.11
9	alpha phellandrene	7.68	100.00	9.18	2.92	9.18	0.09
10		7.74	100.00	7.86	2.48	7.86	0.08
11	delta-3 carene	7.93	100.00	575.40	223.58	575.40	5.76
12	alpha terpinene	0.00	0.00	0.00	0.00	0.00	0.00
13		8.13	100.00	5.49	2.15	5.49	0.05
14	para cymene	8.39	100.00	136.68	47.07	136.68	1.37
15	d-limonene	8.58	100.00	1706.14	509.71	1706.14	17.07
16	1,8 cineole	8.63	100.00	13.02	7.23	13.02	0.13
17	trans beta ocimene	0.00	0.00	0.00	0.00	0.00	0.00
18	gamma terpinene	9.57	100.00	10.23	3.73	10.23	0.10
19		9.87	100.00	7.87	2.84	7.87	0.08
20	terpinolene	10.65	100.00	18.43	4.72	18.43	0.18
21		11.00	100.00	9.45	3.29	9.45	0.09
22	linalool	11.08	100.00	22.38	5.90	22.38	0.22
23		11.31	100.00	6.62	2.16	6.62	0.07
24		11.52	100.00	5.60	1.71	5.60	0.06
25		11.84	100.00	10.87	2.96	10.87	0.11
26		12.40	100.00	27.68	8.71	27.68	0.28
27		12.54	100.00	24.14	6.66	24.14	0.24
28	camphor	12.79	100.00	11.86	3.71	11.86	0.12
29		13.39	100.00	7.01	1.85	7.01	0.07
30		13.90	100.00	6.49	1.31	6.49	0.06
31	terpin-4-ol	14.07	100.00	54.61	13.15	54.61	0.55
32		14.26	100.00	15.66	4.40	15.66	0.16
33		14.38	100.00	25.32	7.14	25.32	0.25
34		14.54	100.00	6.46	1.59	6.46	0.06
35	alpha terpineol	14.61	100.00	21.47	5.92	21.47	0.21
36		14.83	100.00	28.32	5.19	28.32	0.28
37		15.04	100.00	7.77	1.01	7.77	0.08

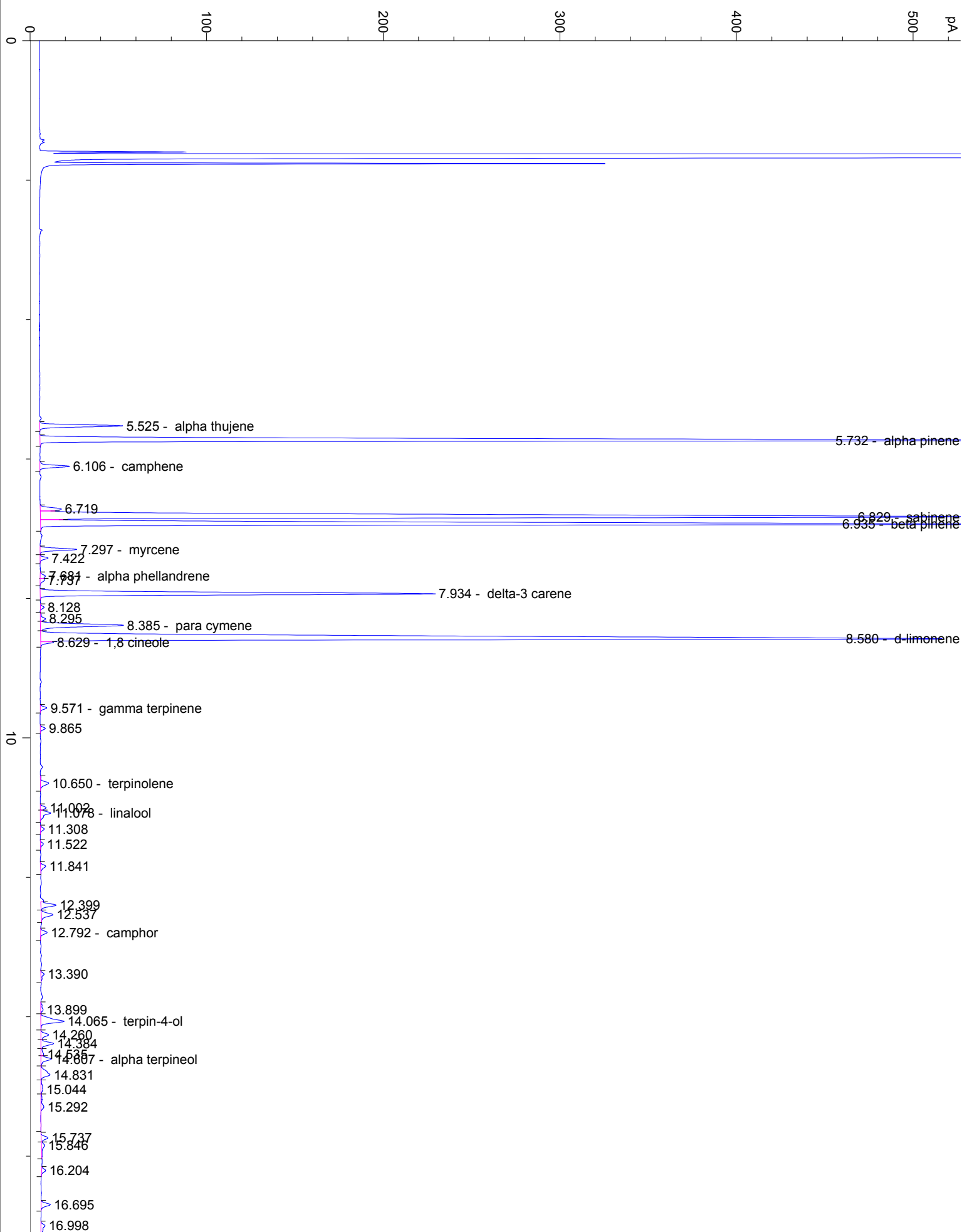
Black Pepper (FT, Org.)
4571-JJBDU
Sri Lanka
piper nigrum
Sample/CH4: 0.04g/0.50g
Injection: 0.2uL

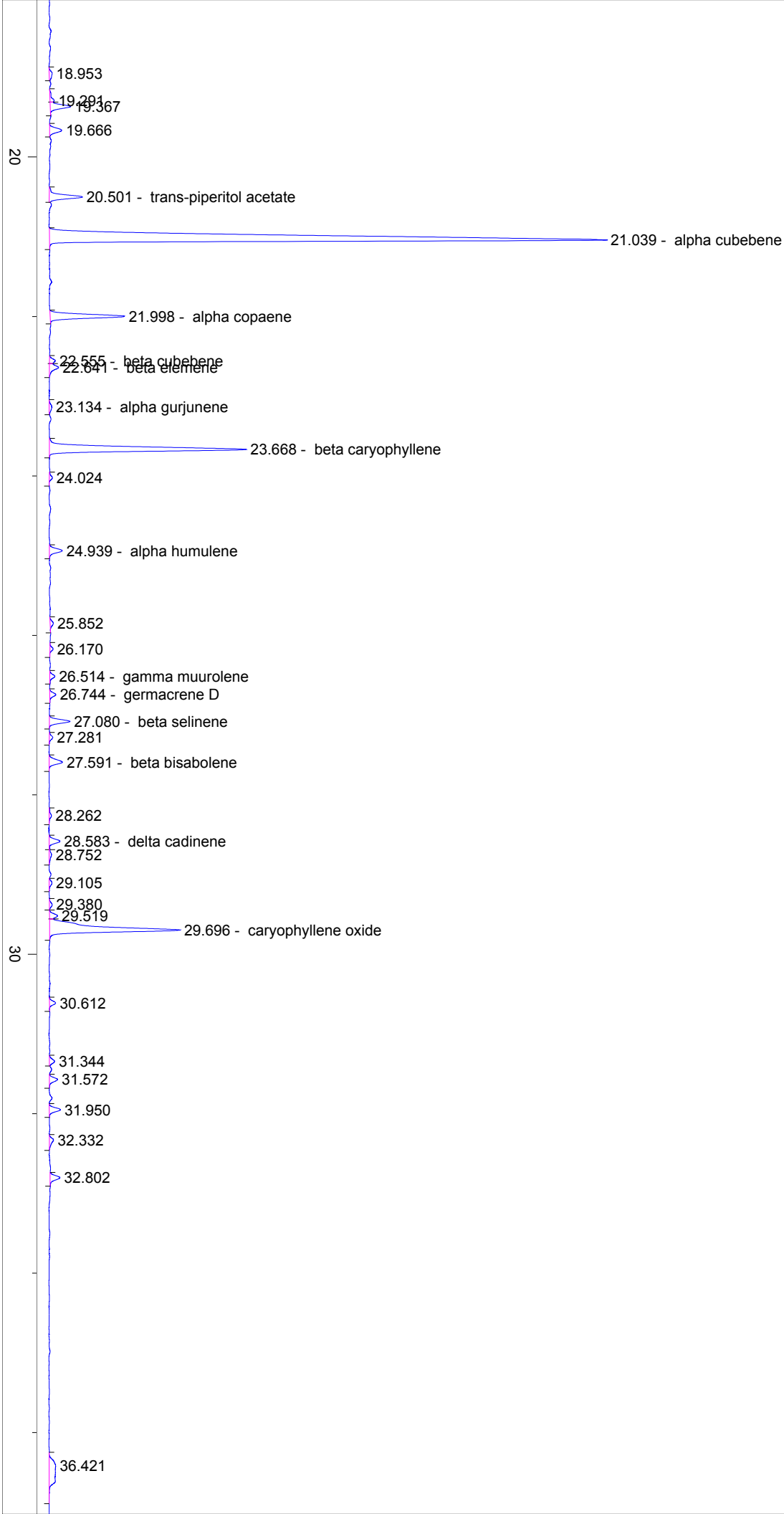
HP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

10/25/2017 10:02:04 AM
10/25/2017 10:02:04 AM

10/27/2017
2:20:47 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
38		15.29	100.00	10.35	1.65	10.35	0.10
39		15.74	100.00	12.57	3.77	12.57	0.13
40		15.85	100.00	8.71	1.77	8.71	0.09
41		16.20	100.00	7.64	2.31	7.64	0.08
42		16.69	100.00	17.07	5.16	17.07	0.17
43		17.00	100.00	11.78	2.30	11.78	0.12
44		18.95	100.00	8.51	1.49	8.51	0.09
45		19.29	100.00	8.70	2.12	8.70	0.09
46		19.37	100.00	36.43	10.11	36.43	0.36
47		19.67	100.00	24.32	6.01	24.32	0.24
48	trans-piperitol acetate	20.50	100.00	57.98	16.41	57.98	0.58
49	alpha cubebene	21.04	100.00	1235.27	275.77	1235.27	12.36
50	alpha copaene	22.00	100.00	123.55	36.80	123.55	1.24
51	beta cubebene	22.56	100.00	9.87	2.87	9.87	0.10
52	beta elemene	22.64	100.00	19.48	4.53	19.48	0.19
53	alpha gurjunene	23.13	100.00	7.37	1.28	7.37	0.07
54	beta caryophyllene	23.67	100.00	348.87	97.50	348.87	3.49
55		24.02	100.00	5.25	1.50	5.25	0.05
56	alpha humulene	24.94	100.00	24.40	6.31	24.40	0.24
57		25.85	100.00	7.05	1.57	7.05	0.07
58		26.17	100.00	5.09	1.56	5.09	0.05
59	gamma muurolene	26.51	100.00	9.38	2.52	9.38	0.09
60	germacrene D	26.74	100.00	10.97	3.02	10.97	0.11
61	beta selinene	27.08	100.00	33.84	10.23	33.84	0.34
62	alpha selinene	0.00	0.00	0.00	0.00	0.00	0.00
63		27.28	100.00	6.14	1.69	6.14	0.06
64	beta bisabolene	27.59	100.00	27.02	6.59	27.02	0.27
65		28.26	100.00	5.81	1.19	5.81	0.06
66	delta cadinene	28.58	100.00	21.24	5.36	21.24	0.21
67		29.10	100.00	5.84	1.38	5.84	0.06
68		29.38	100.00	5.53	1.39	5.53	0.06
69		29.52	100.00	14.20	4.01	14.20	0.14
70	caryophyllene oxide	29.70	100.00	285.77	64.57	285.77	2.86
71		30.61	100.00	10.63	3.09	10.63	0.11
72		31.34	100.00	9.98	2.56	9.98	0.10
73		31.57	100.00	15.40	4.10	15.40	0.15
74		31.95	100.00	20.01	5.54	20.01	0.20
75		32.33	100.00	10.13	2.07	10.13	0.10
76		32.80	100.00	19.37	4.91	19.37	0.19
77		36.42	100.00	58.06	3.24	58.06	0.58
78		39.99	100.00	13.63	1.76	13.63	0.14





40

39.988

50

60

70

min