

3171-040716

Instrument 6890

C:\HPCHEM\2\DATA\2016\
31710000.D

Chamomile, German Blue (Organic)

HP-5 5% Phenyl Methyl Siloxane

3171-040716

30.000m

Egypt

250.000um

matricaria chamomilla

0.250um

Sample: 200uL (.27g)

Hexane: 200uL (.16g)

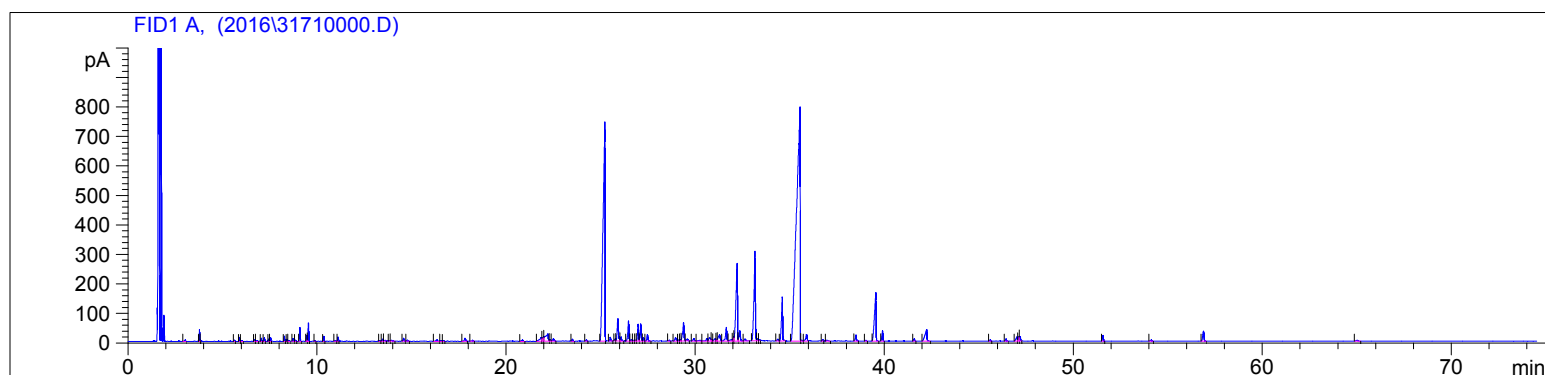
Injection: 0.2uL

4/7/2016 5:03:27 PM

7/25/2017

4/7/2016 5:03:27 PM

4:03:28 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		3.02	100.00	9.20	5.20	9.20	0.03
2	isovaleric acid	3.78	100.00	69.05	39.67	69.05	0.26
3		3.83	100.00	6.39	3.62	6.39	0.02
4	alpha thujene	5.63	100.00	10.62	4.08	10.62	0.04
5	alpha pinene	5.89	100.00	28.68	13.53	28.68	0.11
6	camphene	6.02	100.00	9.01	3.07	9.01	0.03
7	sabinene	6.70	100.00	11.28	4.74	11.28	0.04
8	beta pinene	6.82	100.00	12.47	2.84	12.47	0.05
9	3-octanone	7.04	100.00	26.58	11.03	26.58	0.10
10	myrcene	7.20	100.00	35.09	11.96	35.09	0.13
11	n-octanal	7.45	100.00	21.05	8.63	21.05	0.08
12	alpha phellandrene	7.54	100.00	28.48	11.53	28.48	0.11
13	alpha terpinene	0.00	0.00	0.00	0.00	0.00	0.00
14	para cymene	8.27	100.00	44.71	17.87	44.71	0.17
15	limonene	8.41	100.00	18.52	7.15	18.52	0.07
16	1.8 cineol	8.50	100.00	6.69	2.63	6.69	0.03
17	santolina alcohol	8.72	100.00	22.59	9.09	22.59	0.08
18	cis-beta ocimene	8.86	100.00	12.33	4.44	12.33	0.05
19	trans-beta ocimene	9.09	100.00	118.04	46.86	118.04	0.44
20	artemisia ketone	9.45	100.00	53.26	20.32	53.26	0.20
21	gamma terpinene	9.54	100.00	163.06	62.10	163.06	0.61
22		9.87	100.00	7.15	2.79	7.15	0.03
23	terpinolene	10.35	100.00	44.96	16.87	44.96	0.17
24		10.95	100.00	8.48	2.61	8.48	0.03
25	linalool	11.10	100.00	40.15	14.33	40.15	0.15
26		13.30	100.00	8.51	2.79	8.51	0.03
27		13.46	100.00	25.50	7.54	25.50	0.10
28		13.60	100.00	21.81	3.53	21.81	0.08
29		13.82	100.00	9.40	2.70	9.40	0.04
30		13.93	100.00	22.15	3.48	22.15	0.08
31		14.57	100.00	34.82	10.29	34.82	0.13
32		14.77	100.00	13.47	3.76	13.47	0.05
33		16.33	100.00	32.37	5.27	32.37	0.12
34		16.56	100.00	12.02	3.31	12.02	0.05
35		16.68	100.00	9.43	2.87	9.43	0.04
36		17.82	100.00	55.05	10.25	55.05	0.21

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 Egypt 250.000um
 matricaria chamomilla 0.250um
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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37		18.22	100.00	17.48	3.39	17.48	0.07
38		20.86	100.00	21.76	4.41	21.76	0.08
39		21.84	100.00	103.42	11.95	103.42	0.39
40		21.98	100.00	79.30	14.09	79.30	0.30
41		22.21	100.00	267.52	25.69	267.52	1.01
42		22.33	100.00	20.57	5.03	20.57	0.08
43	beta elemene	22.49	7.52	44.33	8.48	44.33	0.17
44		23.50	100.00	26.55	7.50	26.55	0.10
45		24.24	100.00	15.66	4.40	15.66	0.06
46	trans-beta-farnesene	25.22	100.00	5508.91	744.40	5508.91	20.71
47	allo-romadendrane	25.50	100.00	41.46	13.00	41.46	0.16
48		25.77	100.00	22.76	6.93	22.76	0.09
49	germacrene D	25.91	100.00	353.28	75.82	353.28	1.33
50		26.08	100.00	57.68	13.54	57.68	0.22
51	alpha muurolene	26.47	100.00	271.29	67.78	271.29	1.02
52		26.61	100.00	19.48	5.12	19.48	0.07
53		26.75	100.00	14.79	3.52	14.79	0.06
54		26.85	100.00	13.76	3.32	13.76	0.05
55	cis-alpha bisabolene	26.98	100.00	211.40	57.28	211.40	0.79
56	beta bisabolene	27.12	100.00	236.13	58.47	236.13	0.89
57		27.26	100.00	42.22	12.16	42.22	0.16
58	cis-nerolidol	27.47	100.00	89.36	21.94	89.36	0.34
59		28.62	100.00	10.03	2.71	10.03	0.04
60	trans-nerolidol	28.95	100.00	61.20	11.91	61.20	0.23
61		29.13	100.00	12.45	3.71	12.45	0.05
62		29.22	100.00	14.50	4.48	14.50	0.05
63	spathulenol	29.38	100.00	305.29	61.69	305.29	1.15
64		29.58	100.00	31.52	6.72	31.52	0.12
65	viridifloral	29.92	100.00	38.03	7.98	38.03	0.14
66		30.26	100.00	28.38	2.81	28.38	0.11
67		30.61	100.00	40.96	8.00	40.96	0.15
68		30.75	100.00	74.96	11.93	74.96	0.28
69		30.86	100.00	17.39	5.31	17.39	0.07
70		31.04	100.00	43.44	7.45	43.44	0.16
71		31.15	100.00	21.70	6.21	21.70	0.08
72		31.28	100.00	150.33	21.34	150.33	0.57
73	beta eudesmol	31.64	100.00	218.74	46.01	218.74	0.82
74	alpha eudesmol	31.92	100.00	41.99	5.22	41.99	0.16
75		32.03	100.00	47.14	14.11	47.14	0.18
76	alpha bisabolol oxide B	32.22	100.00	1478.50	262.44	1478.50	5.56
77		32.36	100.00	162.29	34.47	162.29	0.61
78		32.63	100.00	39.35	7.54	39.35	0.15
79	alpha bisabolol	33.16	100.00	1551.68	302.52	1551.68	5.83
80		33.30	100.00	31.09	8.25	31.09	0.12
81		33.41	100.00	13.18	3.61	13.18	0.05
82		34.36	100.00	30.17	6.26	30.17	0.11
83	chamazulene	34.60	100.00	648.99	148.36	648.99	2.44
84	alpha bisabolol oxide A	35.54	100.00	10693.69	789.59	10693.69	40.21
85		35.62	100.00	13.58	3.28	13.58	0.05
86		35.88	100.00	119.21	22.71	119.21	0.45
87		36.74	100.00	18.30	5.22	18.30	0.07
88		36.97	100.00	23.12	3.94	23.12	0.09
89		38.50	100.00	90.05	20.74	90.05	0.34
90		39.03	100.00	11.67	3.11	11.67	0.04
91		39.55	100.00	995.63	163.80	995.63	3.74

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
92		39.90	100.00	131.21	34.28	131.21	0.49
93		41.58	100.00	30.46	8.18	30.46	0.11
94		42.24	100.00	297.90	38.97	297.90	1.12
95		45.60	100.00	19.96	5.63	19.96	0.08
96		46.44	100.00	27.62	7.67	27.62	0.10
97		47.01	100.00	70.96	13.91	70.96	0.27
98		47.12	100.00	62.34	15.16	62.34	0.23
99		47.18	100.00	55.75	15.39	55.75	0.21
100		51.57	100.00	72.03	20.06	72.03	0.27
101		54.12	100.00	23.27	4.82	23.27	0.09
102		56.88	100.00	166.14	33.83	166.14	0.62
103		65.00	100.00	29.10	3.54	29.10	0.11





