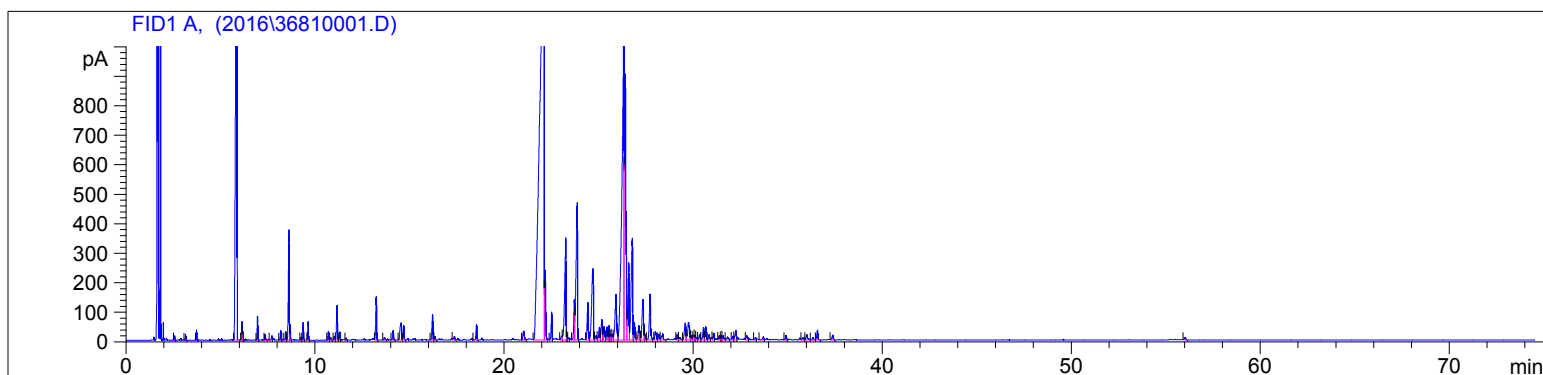


Helichrysum Serotinum (Organic)
3681-KKBCT
Italy
helichrysum italicum var.
serotinum
Sample/Hexane: 0.22g/0.10g
Injection: 0.2uL

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

11/29/2016 1:08:28 PM
11/29/2016 1:08:28 PM

8/3/2017
4:25:33 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		3.73	100.00	57.77	33.71	57.77	0.08
2	alpha pinene	5.87	100.00	10422.94	2241.33	10422.94	15.04
3	alpha fenchene	6.12	100.00	136.56	62.68	136.56	0.20
4	camphene	6.17	100.00	56.58	28.76	56.58	0.08
5	sabinene	0.00	0.00	0.00	0.00	0.00	0.00
6	beta pinene	6.95	100.00	191.36	81.09	191.36	0.28
7	myrcene	7.35	100.00	55.84	19.24	55.84	0.08
8		7.71	100.00	42.54	14.19	42.54	0.06
9	alpha terpinene	8.18	100.00	86.82	32.72	86.82	0.13
10	para cymene	8.43	100.00	83.19	30.00	83.19	0.12
11	d-limonene	8.62	100.00	1165.02	372.80	1165.02	1.68
12	1.8 cineol	8.67	100.00	120.85	54.04	120.85	0.17
13	trans beta ocimene	9.37	100.00	151.72	58.72	151.72	0.22
14	gamma terpinene	9.63	100.00	163.08	62.26	163.08	0.24
15	terpinolene	10.70	100.00	85.55	29.17	85.55	0.12
16	2-nonanone	10.82	100.00	24.71	8.09	24.71	0.04
17		11.01	100.00	36.35	11.43	36.35	0.05
18	linalool	11.16	100.00	377.55	117.99	377.55	0.54
19		11.30	100.00	78.95	27.50	78.95	0.11
20		11.64	100.00	23.10	7.56	23.10	0.03
21	camphor	0.00	0.00	0.00	0.00	0.00	0.00
22		0.00	0.00	0.00	0.00	0.00	0.00
23		0.00	0.00	0.00	0.00	0.00	0.00
24		0.00	0.00	0.00	0.00	0.00	0.00
25		13.23	100.00	458.83	146.16	458.83	0.66
26	borneol	13.66	100.00	33.99	9.09	33.99	0.05
27	terpin-4-ol	14.12	100.00	103.93	32.36	103.93	0.15
28	alpha terpineol	14.55	100.00	331.81	57.87	331.81	0.48
29		14.68	100.00	147.69	48.40	147.69	0.21
30		0.00	0.00	0.00	0.00	0.00	0.00
31		0.00	0.00	0.00	0.00	0.00	0.00
32	nerol	16.21	100.00	306.48	85.59	306.48	0.44
33		16.34	100.00	40.22	11.94	40.22	0.06
34	geraniol	17.36	100.00	59.57	12.89	59.57	0.09
35		0.00	0.00	0.00	0.00	0.00	0.00
36	geranial	0.00	0.00	0.00	0.00	0.00	0.00
37		0.00	0.00	0.00	0.00	0.00	0.00





37.375

40

50

56.014

36.014

69

70

min

Helichrysum Serotinum (Organic)
3681-KKBCT
Italy
helichrysum italicum var.
serotinum
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Injection: 0.2uL

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

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8/3/2017
4:25:33 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
38		0.00	0.00	0.00	0.00	0.00	0.00
39	dihydro linalyl acetate	18.54	100.00	178.18	53.01	178.18	0.26
40		0.00	0.00	0.00	0.00	0.00	0.00
41		0.00	0.00	0.00	0.00	0.00	0.00
42		0.00	0.00	0.00	0.00	0.00	0.00
43		0.00	0.00	0.00	0.00	0.00	0.00
44	alpha terpinyl acetate	0.00	0.00	0.00	0.00	0.00	0.00
45		21.03	100.00	150.05	30.06	150.05	0.22
46	eugenol	0.00	0.00	0.00	0.00	0.00	0.00
47	neryl acetate	22.11	100.00	22622.43	1562.52	22622.43	32.64
48		22.17	100.00	887.53	236.25	887.53	1.28
49	geranyl acetate	22.51	100.00	313.62	93.94	313.62	0.45
50	isoitalicene	23.04	100.00	65.52	12.77	65.52	0.09
51	italicene	23.25	100.00	1672.28	345.03	1672.28	2.41
52		23.32	100.00	47.49	16.62	47.49	0.07
53		23.41	100.00	25.76	7.02	25.76	0.04
54	cis-alpha bergamotene	23.71	100.00	509.13	137.96	509.13	0.73
55	beta caryophyllene	23.86	100.00	2395.04	466.32	2395.04	3.46
56	italidione A	24.42	100.00	459.20	126.17	459.20	0.66
57	neryl propionate	24.69	100.00	1590.91	240.98	1590.91	2.30
58	trans-beta farnesene	24.86	100.00	78.77	13.70	78.77	0.11
59		25.04	100.00	182.02	43.25	182.02	0.26
60	trans-alpha bergamotene	25.17	100.00	342.57	69.58	342.57	0.49
61		25.28	100.00	238.61	44.76	238.61	0.34
62		25.44	100.00	173.20	44.77	173.20	0.25
63	alpha acoradiene	25.55	100.00	184.49	48.87	184.49	0.27
64	beta acoradiene	25.64	100.00	66.13	17.55	66.13	0.10
65		25.72	100.00	87.08	19.30	87.08	0.13
66	italidione B	25.91	100.00	929.71	152.09	929.71	1.34
67	gamma muurolene	26.33	100.00	8434.93	1088.78	8434.93	12.17
68	gamma curcumene	26.40	100.00	4592.09	898.65	4592.09	6.63
69	italidione C	26.59	100.00	1108.84	257.75	1108.84	1.60
70	alpha curcumene	26.77	100.00	1905.70	343.62	1905.70	2.75
71		26.89	100.00	222.87	57.48	222.87	0.32
72	neryl butyrate	27.11	100.00	199.86	48.86	199.86	0.29
73		27.18	100.00	85.47	28.39	85.47	0.12
74		27.35	100.00	733.48	136.22	733.48	1.06
75		27.45	100.00	69.09	17.38	69.09	0.10
76	beta curcumene	27.72	100.00	693.64	155.17	693.64	1.00
77		27.99	100.00	154.94	28.08	154.94	0.22
78		28.18	100.00	87.35	19.83	87.35	0.13
79		28.38	100.00	119.95	20.55	119.95	0.17
80		29.15	100.00	71.24	18.02	71.24	0.10
81		29.27	100.00	52.26	8.58	52.26	0.08
82	italidione D	29.58	100.00	301.25	56.82	301.25	0.43
83		29.75	100.00	399.34	59.82	399.34	0.58
84		29.90	100.00	59.56	14.84	59.56	0.09
85		30.00	100.00	69.56	15.93	69.56	0.10
86		30.08	100.00	58.32	14.53	58.32	0.08
87		30.17	100.00	39.03	8.54	39.03	0.06
88		30.34	100.00	84.36	18.77	84.36	0.12
89		30.54	100.00	180.38	41.64	180.38	0.26
90		30.66	100.00	168.40	44.29	168.40	0.24
91		30.84	100.00	80.34	17.66	80.34	0.12
92	guaiol	31.08	100.00	91.11	22.93	91.11	0.13

3681-KKBCT

Instrument 6890

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Helichrysum Serotinum (Organic)

HP-5 5% Phenyl Methyl Siloxane

3681-KKBCT

30.000m

Italy

250.000um

helichrysum italicum var.

0.250um

serotinum

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8/3/2017

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
93		31.38	100.00	70.91	15.50	70.91	0.10
94		31.49	100.00	57.67	14.77	57.67	0.08
95		31.57	100.00	64.70	13.46	64.70	0.09
96		31.81	100.00	65.18	9.32	65.18	0.09
97		32.09	100.00	52.19	12.90	52.19	0.08
98	gamma eudesmol	32.25	100.00	156.20	31.52	156.20	0.23
99	alpha eudesmol	32.83	100.00	87.57	14.24	87.57	0.13
100		33.30	100.00	32.34	7.61	32.34	0.05
101		33.70	100.00	51.14	10.72	51.14	0.07
102		34.91	100.00	55.34	15.36	55.34	0.08
103		35.81	100.00	45.51	7.81	45.51	0.07
104		36.00	100.00	95.24	17.82	95.24	0.14
105		36.33	100.00	37.87	7.87	37.87	0.05
106		36.57	100.00	136.79	33.06	136.79	0.20
107		37.38	100.00	75.87	16.15	75.87	0.11