



Data File W:\TASIC192 2018-11-07 13-24-29\SIG10000762.D

Sample Name: **Helichrysum italicum**

Instrument 1 07.11.2018 20:18:11

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=====
Acq. Operator   : Slavoljub Tasic                Seq. Line :    5
Acq. Instrument : Instrument 1                   Location  : Vial 105
Injection Date  : 07.11.2018 17:16:54          Inj       :    1
                                                    Inj Volume: 2 µl
```

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Acq. Method    : C:\CHEM32\1\DATA\TASIC192 2018-11-07 13-24-29\TASIC4.M
Last changed   : 29.03.2018 12:48:39 by Slavoljub Tasic
Analysis Method : C:\CHEM32\1\METHODS\DEF_GC.M
Last changed   : 07.11.2018 9:42:53
                (modified after loading)
```

Sample Info : **SANICULA, 5**

Area Percent Report

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Sorted By      : Signal
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
Signal 1: FID1 A, Front Signal
```

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %	Compound
1	5.307	BB	0.0423	34.90879	12.44115	0.22022	3-hexanone
2	6.566	BB	0.0477	6.93303	2.26489	0.04374	
3	7.285	BB	0.0503	2616.67529	814.06592	16.50731	α -pinene
4	7.605	BF	0.0476	71.11237	23.30605	0.44861	α -fenchene
5	7.636	VB	0.0332	25.16144	12.64507	0.15873	camphene
6	8.390	BB	0.0519	83.93892	25.55786	0.52953	β -pinene
7	8.709	BB	0.0494	13.88660	4.32904	0.08760	β -myrcene
8	9.031	BB	0.0379	11.97463	5.40312	0.07554	hexenyl acetate
9	9.484	BB	0.0516	29.39417	9.02850	0.18543	α -terpinene
10	9.731	BV	0.0489	21.50953	6.95179	0.13569	p-cymene
11	9.848	VV	0.0494	707.91248	211.94838	4.46587	limonene
12	9.939	VB	0.0470	39.41470	12.55724	0.24865	1,8-cineole
13	10.061	BB	0.0474	7.75463	2.25131	0.04892	β -ocimene, cis
14	10.382	BV	0.0469	13.39419	4.47711	0.08450	β -ocimene, trans
15	10.474	VB	0.0479	101.64038	33.06944	0.64120	isobutilangelat ?

16	10.740	BB	0.0503	72.46126	22.54063	0.45712	γ -terpinene
17	11.662	BB	0.0548	29.23603	8.11938	0.18444	α -terpinolene
18	11.943	BV	0.0454	14.74937	5.03404	0.09305	
19	12.033	VB	0.0572	213.60069	55.14950	1.34750	linalool
20	13.537	BV	0.0506	9.99978	3.15404	0.06308	
21	13.679	VB	0.0516	266.64731	80.21046	1.68215	Mt=170;2,4dimethyloctan,3-5dion
22	14.235	BB	0.0588	10.93040	2.72256	0.06895	borneol
23	14.568	BB	0.0571	42.79625	11.70355	0.26998	terpinene-4-ol
24	14.810	BB	0.0678	124.71925	28.98063	0.78679	3,4-octan dion
25	15.016	BB	0.0612	64.33500	15.75734	0.40586	α -terpineole
26	16.170	BB	0.0588	192.03917	49.59347	1.21148	nerol
27	17.010	BB	0.0472	7.70330	2.55619	0.04860	linalyl acetate
28	17.920	BB	0.0551	53.95158	15.18180	0.34035	Mt=184, dione
29	20.473	BV	0.0641	2511.44336	529.78430	15.84345	neryl acetate
30	20.538	VB	0.0460	34.23199	10.74499	0.21595	α -ylangene
31	20.679	BV	0.0575	27.26831	7.37495	0.17202	
32	20.836	VB	0.0574	280.26300	74.71908	1.76804	α -copaene
33	21.705	BB	0.0570	430.83508	115.83289	2.71792	italicene (italicene-iso)
34	21.983	BB	0.0540	120.98434	36.34949	0.76323	bergamotene cis- α
35	22.193	BB	0.0549	660.33429	182.87189	4.16572	β -caryophyllene
36	22.582	BV	0.0537	117.24296	34.14364	0.73963	bergamotene trans- α
37	22.768	VB	0.1108	256.69986	31.84792	1.61939	Mt=210, italdione
38	23.090	BV	0.0597	304.26132	78.37592	1.91943	neryl propionate
39	23.177	VB	0.0618	115.81973	27.15896	0.73065	α -humulene
40	23.328	BV	0.0924	48.89019	7.09757	0.30842	
41	23.489	VV	0.0576	48.65336	12.66428	0.30693	
42	23.572	VV	0.0770	70.40127	12.63432	0.44413	
43	23.815	VV	0.0589	303.44318	78.22566	1.91427	γ -selinene
44	23.972	VV	0.0622	2079.62036	468.23770	13.11929	γ -curcumene
45	24.037	VV	0.0472	327.96405	106.34454	2.06896	AR curcumene
46	24.222	VV	0.0737	1554.93665	309.97498	9.80932	β -selinene
47	24.466	VB	0.0677	936.68634	208.23505	5.90909	α -selinene
48	24.729	BV	0.0593	72.67878	18.89073	0.45849	Mt=224, italdione
49	24.815	VV	0.0527	61.48824	17.96667	0.38790	γ -cadinene
50	24.946	VV	0.0541	38.14807	10.56504	0.24066	
51	25.072	VV	0.0501	14.10607	4.41024	0.08899	
52	25.182	VB	0.0575	103.29961	26.97458	0.65167	δ -cadinene
53	25.388	BB	0.0583	10.68404	2.74123	0.06740	
54	25.675	BB	0.0867	21.86480	3.41553	0.13793	
55	26.647	BV	0.0754	60.38613	10.45840	0.38095	
56	26.780	VF	0.1174	167.23019	20.53480	1.05497	Mt=238, italdione
57	26.900	VB	0.0295	3.98159	2.25179	0.02512	caryophyllene oxide
58	27.315	BB	0.0549	18.38200	5.19853	0.11596	guaiol
59	27.633	BV	0.0644	80.25744	17.87779	0.50630	naphtalene methanol
60	27.962	BB	0.0532	13.62883	4.01510	0.08598	
61	28.897	BB	0.1011	50.34889	7.10612	0.31763	α -eudesmol
62	30.689	BB	0.0560	16.37504	4.42249	0.10330	
Totals :				1.58516e4	3970.44765		

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 *** End of Report ***