



Data File W:\TASIC271 2019-11-01 10-35-01\SIG10001061.D

Sample Name: **Helichrysum italicum**

Instrument 1 01.11.2019 11:12:24

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Acq. Operator   : Slavoljub Tasic                Seq. Line :    1
Acq. Instrument : Instrument 1                    Location  : Vial 101
Injection Date  : 01.11.2019 10:38:48           Inj       :    1
                                                    Inj Volume: 2 µl

Acq. Method     : C:\CHEM32\1\DATA\TASIC271 2019-11-01 10-35-01\TASIC4.M
Last changed    : 29.03.2018 12:48:39 by Slavoljub Tasic
Analysis Method : C:\CHEM32\1\METHODS\DEF_GC.M
Last changed    : 01.11.2019 11:11:51
                  (modified after loading)
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Sample Info : **SANICULA CO**

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 %	
1	5.342	BB	0.0427	65.50238	23.67723	0.37695	3-hexanone
2	6.596	BB	0.0511	8.02430	2.49638	0.04618	
3	7.325	BB	0.0491	3441.74268	1017.23907	19.80654	α-pinene
4	7.639	BF	0.0475	81.95612	26.92867	0.47164	α-fenchene
5	7.668	VB	0.0343	34.51950	16.78349	0.19865	camphene
6	8.426	BB	0.0542	83.64856	24.50718	0.48138	β-pinene
7	8.745	BB	0.0456	15.09290	5.24185	0.08686	myrcene
8	9.068	BV	0.0435	22.48323	7.92705	0.12939	hexanyl acetate
9	9.188	VB	0.0689	12.99206	2.77979	0.07477	α-phellandrene
10	9.521	BB	0.0510	30.64432	9.35939	0.17635	α-terpinene
11	9.771	BV	0.0491	28.67486	9.21124	0.16502	p-cymene
12	9.890	VV	0.0543	827.45044	242.22818	4.76181	limonene
13	9.980	VB	0.0457	44.91713	14.84259	0.25849	1,8-cineole
14	10.095	BB	0.0497	9.22247	2.91231	0.05307	β-ocimene, cis
15	10.417	BV	0.0461	14.93290	5.10405	0.08594	β-ocimene, trans
16	10.513	VB	0.0466	138.60643	46.73831	0.79765	isobutilangelat ?

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17	10.777	BB	0.0499	81.61840	25.67572	0.46970	γ -terpinene
18	11.697	BV	0.0516	36.41780	10.95470	0.20958	α -terpinolene
19	11.781	VB	0.0501	11.52895	3.45435	0.06635	
20	11.981	BV	0.0498	27.54712	8.68751	0.15853	
21	12.084	VB	0.0559	260.69803	69.23174	1.50026	linalool
22	12.597	BB	0.0549	10.95950	3.09319	0.06307	
23	13.402	BB	0.0543	12.21870	3.50423	0.07032	
24	13.574	BV	0.0498	11.58286	3.65573	0.06666	
25	13.721	VB	0.0496	333.20532	105.73169	1.91753	Mt=170;2,4dimethyloctan,3-5dion
26	14.286	BB	0.0560	15.41172	4.16141	0.08869	borneole
27	14.614	BB	0.0556	47.73389	13.52366	0.27470	terpinene-4-ol
28	14.859	BB	0.0635	221.05708	53.41269	1.27214	3,4-octan dion
29	15.068	BB	0.0576	72.12249	19.11919	0.41505	α -terpineole
30	16.217	BB	0.0557	215.52013	58.56411	1.24028	nerol
31	17.045	BB	0.0478	22.53681	7.34456	0.12969	linalyl acetate
32	17.195	BB	0.0505	12.48290	3.86468	0.07184	
33	17.954	BB	0.0509	79.16936	24.23498	0.45560	Mt=184, dione
34	20.513	BV	0.0676	2574.54956	525.55377	14.81602	neryl acetate
35	20.576	VV	0.0448	44.87072	15.19839	0.25822	α -ylangene
36	20.716	VV	0.0585	32.48893	8.75752	0.18697	
37	20.875	VB	0.0595	414.55917	109.27333	2.38570	α -copaene
38	21.748	BB	0.0580	594.84064	159.07024	3.42319	italicene (italicene-iso)
39	22.021	BB	0.0525	136.48657	40.92760	0.78545	bergamotene cis- α
40	22.232	BB	0.0541	674.49487	187.06828	3.88158	β -caryophyllene
41	22.617	BB	0.0512	127.46485	38.75642	0.73353	bergamotene trans- α
42	22.801	BB	0.0795	225.35696	43.60115	1.29688	Mt=210, italdione
43	23.123	BV	0.0549	245.52097	69.39481	1.41292	neryl propionate
44	23.212	VB	0.0530	76.50232	22.21827	0.44026	α -humulene
45	23.365	BV	0.0885	28.55917	4.45142	0.16435	
46	23.527	VV	0.0512	44.54390	13.24202	0.25634	
47	23.608	VB	0.0667	63.06646	13.65292	0.36293	
48	23.849	BV	0.0603	265.27115	68.58309	1.52658	γ -selinene
49	24.010	VV	0.0640	2290.25781	506.00717	13.17997	γ -curcumene
50	24.076	VV	0.0459	395.21704	132.94839	2.27439	AR curcumene
51	24.258	VV	0.0772	1348.02307	278.87555	7.75760	β -selinene
52	24.501	VB	0.0630	738.82660	174.62585	4.25180	α -selinene
53	24.762	BV	0.0524	57.23689	16.87197	0.32939	Mt=224, italdione
54	24.851	VV	0.0512	74.42043	22.58473	0.42827	γ -cadinene
55	24.981	VV	0.0538	42.21538	12.26238	0.24294	
56	25.110	VV	0.0474	10.34844	3.33645	0.05955	
57	25.218	VB	0.0575	124.07204	32.98536	0.71401	δ -cadinene
58	25.420	BV	0.0518	11.03065	3.30368	0.06348	
59	25.710	BB	0.0874	31.48433	4.72171	0.18119	
60	26.644	BV	0.0768	70.94553	13.43421	0.40828	
61	26.809	VF	0.0922	102.33032	16.16915	0.58889	Mt=238, italdione
62	26.860	VB	0.0791	40.75337	8.58442	0.23453	caryophyllene oxide
63	27.357	BB	0.0519	12.87917	3.76819	0.07412	guaiol
64	27.677	BV	0.0709	63.32938	13.25337	0.36445	naphtalene methanol
65	27.849	VV	0.0711	15.42932	2.96786	0.08879	
66	27.995	VB	0.0551	15.86576	4.63518	0.09130	
67	28.943	BB	0.1059	35.03224	4.62919	0.20160	γ -eudesmol
68	30.718	BB	0.0550	16.30448	4.59578	0.09383	
Totals :				1.73768e4	4456.50075		

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 *** End of Report ***