

HELICHRYSUM ITALICUM

Data File : 2011-07-19

Sample Name: Helichrysum Italicum

Sample Info : <http://www.helichrysum-italicum.com>

Instrument 1 20.07.2011 9:36:11

Injection Date : 19.07.2011 14:14:10 Inj: 1 µl

Analysis Method : C:\CHEM32\1\METHODS\DEF_GC.M

Last changed : 20.07.2011 9:25:06

Area Percent Report

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	5.390	BB	0.0350	20.74376	9.23323	0.18367	
2	7.468	BB	0.0481	2055.18970	678.87396	18.19663	α-pinene
3	7.798	BB	0.0597	74.30971	17.59269	0.65794	camphene
4	8.595	BB	0.0456	38.94322	13.20731	0.34480	β-pinene
5	8.909	BB	0.0550	8.56266	2.28015	0.07581	β-myrcen
6	9.240	BB	0.0355	4.82082	2.17417	0.04268	α-phellandrene
7	9.694	BB	0.0441	12.53001	4.44247	0.11094	α-terpinene
8	9.927	BV	0.0471	15.08808	5.13706	0.13359	p-cymene
9	10.058	VV	0.0468	292.32104	97.90056	2.58821	limonene
10	10.161	VV	0.0469	42.96789	14.36605	0.38044	1,8-cineole
11	10.269	VB	0.0437	6.25871	2.19232	0.05541	
12	10.689	BB	0.0447	21.54307	7.68888	0.19074	buteric acid ester
13	10.962	BB	0.0479	33.09562	10.76527	0.29303	γ-terpinene
14	11.896	BB	0.0610	22.08485	5.34196	0.19554	α-terpinolene
15	12.211	BV	0.0516	73.18346	21.57971	0.64797	linalool
16	12.347	VB	0.0493	24.94023	8.15369	0.22082	β-thujone
17	12.721	BB	0.0483	8.48425	2.72860	0.07512	
18	13.559	BB	0.0516	10.12684	2.98018	0.08966	
19	13.927	BB	0.0518	93.89767	26.43807	0.83137	Mt=170; 2,4dimethyloctan,3-5dion
20	14.429	BB	0.0583	14.74044	3.98960	0.13051	
21	14.785	BB	0.0550	23.21616	6.55015	0.20556	terpinene-4-ol
22	15.050	BV	0.0635	68.39693	17.07936	0.60559	α-terpineole
23	15.208	VB	0.0497	30.39343	9.62093	0.26910	
24	15.620	BB	0.0547	13.07983	3.71527	0.11581	
25	16.375	BB	0.0520	118.03811	35.88631	1.04511	nerol
26	17.297	BB	0.0458	10.25104	3.53359	0.09076	
27	17.444	BB	0.0483	7.61987	2.50350	0.06747	
28	18.189	BB	0.0495	28.57053	9.27568	0.25296	Mt=184, dione
29	20.701	BV	0.0568	1005.54773	276.64249	8.90311	neryl acetate
30	20.843	VV	0.0577	30.86030	8.32186	0.27324	α-ylangene
31	20.984	VV	0.0546	19.53867	5.67427	0.17300	
32	21.142	VB	0.0627	298.98218	75.98763	2.64719	α-copaene
33	21.452	BB	0.0495	9.43583	2.99645	0.08354	iso-italicene
34	22.010	BB	0.0577	603.23462	159.57387	5.34103	italicene
35	22.288	BB	0.0512	148.58447	45.10701	1.31557	bergamotene cis-α
36	22.491	BB	0.0562	516.87866	144.16298	4.57644	β-caryophyllene
37	22.890	BV	0.0528	128.48053	38.25843	1.13757	bergamotene trans-α
38	23.044	VV	0.0716	332.55313	72.96658	2.94442	Mt=210, italdione
39	23.146	VB	0.0505	15.96629	4.84364	0.14137	
40	23.367	BV	0.0532	151.34242	44.60063	1.33998	neryl propionate
41	23.480	VB	0.0570	51.18722	14.29274	0.45321	
42	23.635	BV	0.0786	15.74880	2.79198	0.13944	
43	23.792	VV	0.0507	44.68725	13.48815	0.39566	
44	23.868	VB	0.0527	50.81105	14.26994	0.44988	
45	24.115	BV	0.0530	132.15271	37.61599	1.17008	γ-selinene
46	24.245	VV	0.0628	1666.97607	401.80331	14.75939	γ-curcumene
47	24.318	VV	0.0465	546.68091	180.74211	4.84031	AR curcumene
48	24.484	VB	0.0693	885.08264	199.58263	7.83651	β-selinene
49	24.740	BV	0.0579	398.83093	103.24042	3.53125	α-selinene
50	24.825	VB	0.0614	40.40434	9.23858	0.35774	
51	25.024	BV	0.0558	57.29259	15.53098	0.50727	Mt=224, italdione
52	25.117	VV	0.0552	103.06184	30.02432	0.91251	γ-cadinene
53	25.238	VV	0.0638	50.39693	11.52011	0.44621	
54	25.480	VV	0.0648	119.02313	26.72693	1.05383	δ-cadinene
55	25.822	VV	0.1120	61.36518	7.27238	0.54333	
56	25.974	VB	0.0755	29.56643	5.43244	0.26178	
57	26.342	BB	0.0575	8.30302	2.24788	0.07351	
58	26.540	BB	0.0496	8.91584	2.70825	0.07894	
59	26.904	BV	0.0630	104.66834	26.43130	0.92673	
60	27.076	VV	0.0813	99.00305	19.34958	0.87657	Mt = 238, italdione
61	27.235	VB	0.0967	43.17549	6.30037	0.38228	
62	27.477	BV	0.0565	11.41166	3.10012	0.10104	
63	27.580	VB	0.0566	29.99125	7.99699	0.26554	
64	27.797	BV	0.0578	30.30386	8.30750	0.26831	
65	27.898	VV	0.0580	69.76595	18.66278	0.61771	
66	28.035	VV	0.0521	10.67288	3.30517	0.09450	
67	28.135	VV	0.0557	10.88024	3.07140	0.09633	
68	28.258	VB	0.0463	20.04914	6.97434	0.17751	
69	28.598	BB	0.0586	15.50478	4.01791	0.13728	
70	29.035	BV	0.0570	19.22101	5.16128	0.17018	
71	29.143	VB	0.0876	49.77230	8.38726	0.44068	
72	29.483	BB	0.0734	29.19410	5.69936	0.25848	
73	30.060	BB	0.0459	7.69319	2.77904	0.06812	
74	30.984	BB	0.0520	37.74333	11.22405	0.33418	

Totals : **1.12943e4 3123.66410**

*** End of Report ***