



Appalachian Valley
Natural Products
Anatolian Treasures

Melissa
(Melissa officinalis)
Lot#: FRC16-CW
Country: UK and Bulgaria

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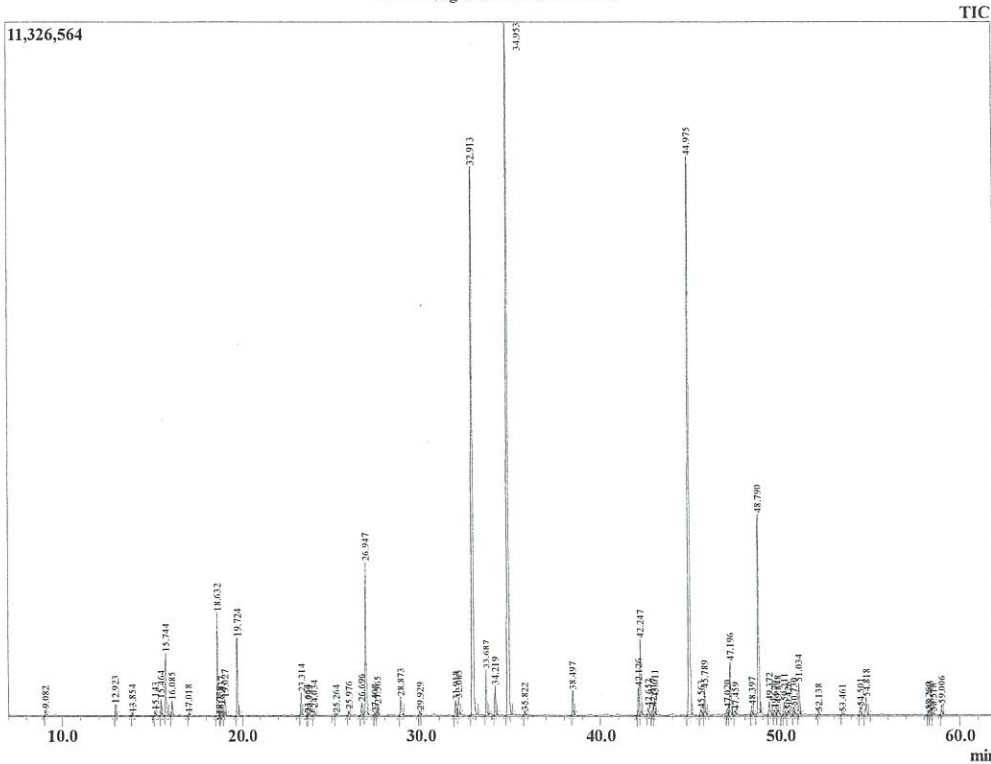
Sample Information

Analyzed : 12/22/2017 3:40:23 AM
Sample Type : Essential Oil
Sample Name : Melissa officinalis
Injection Volume : 0.10

Peak Report TIC

R.Time	Name	Area%
9.082	3-cis-Hexenol	0.12
12.923	alpha-Pinene	0.25
13.854	Camphene	0.05
15.143	Sabinene	0.11
15.464	1-Octen-3-ol + beta-Pinene	0.38
15.744	6-Methyl hept-5-en-2-one	1.55
16.085	Myrcene	0.34
17.018	3-cis-Hexenyl acetate	0.05
18.632	Limonene	2.61
18.738	beta-Phellandrene	0.01
18.837	1,8-Cineole	0.27
19.027	cis-beta-Ocimene	0.43
19.724	trans-beta-Ocimene	1.93
23.314	Linalool	0.59
23.664	Nonanal	0.05
23.739	alpha-Pinene oxide	0.05
24.034	cis-Rose oxide	0.18
25.264	allo-Ocimene	0.06
25.976	Epiphotoictral A	0.14
26.696	trans-Chrysanthamal	0.35
26.947	Citronellal	4.27
27.408	Isopulegol	0.04
27.565	cis-Chrysanthenol	0.28
28.873	trans-Isocitral	0.60
29.929	alpha-Terpineol	0.11
31.918	Nerol	0.43
32.085	Citronellol	0.50
32.913	Neral	18.74
33.687	Geraniol	1.37
34.219	Methyl citronellate	0.87
34.953	Geranial	25.53
35.822	trans-Carvone oxide	0.09
38.497	Methyl geranate	0.71
42.126	alpha-Copaene	0.88
42.247	Geranyl acetate	2.26
42.652	beta-Bourbonene	0.21
42.917	beta-Cubebene	0.23
43.011	beta-Elementene	0.52
44.975	beta-Caryophyllene	18.77
45.563	beta-Copaene	0.22
45.789	trans-alpha-Bergamotene	0.80
47.020	trans-beta-Farnesene	0.18
47.196	alpha-Humulene	1.68
47.459	Alloaromadendrene	0.12
48.397	trans-Cadina-1(6),4-diene	0.29
48.790	Germacrene D	6.47
49.372	(Z,Z)-alpha-Farnesene	0.46
49.670	Bicyclogermacrene	0.17
49.848	alpha-Murolene	0.33
50.211	(E,E)-alpha-Farnesene	0.36
50.426	beta-Bisabolene	0.11
50.730	gamma-Cadinene	0.22
51.034	delta-Cadinene	1.01
52.138	alpha-Cadinene	0.07
53.461	Germacrene B	0.06
54.501	Unidentified	0.26

Chromatogram Melissa officinalis



R. Time	Name	Area%
54.818	Caryophyllene oxide	0.60
58.260	alpha-Muurolol (=Torreyol)	0.11
58.365	epi-alpha-Cadinol	0.17
58.518	tau-Cadinol	0.08
59.006	alpha-Cadinol	0.32
		100.00