

Sample Information

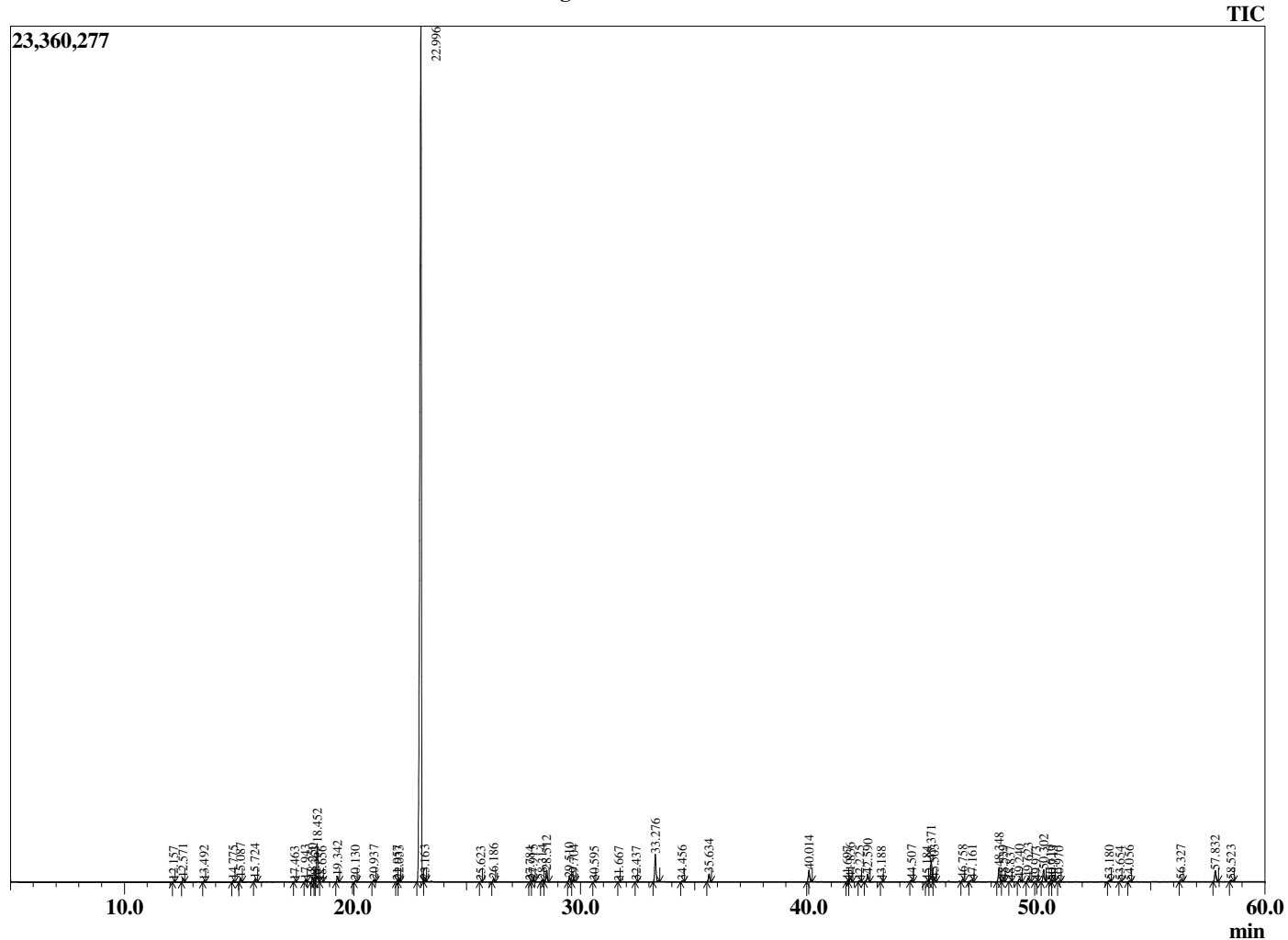
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 5/8/2018 11:18:31 PM  
 Sample Type : Essential Oil  
 Sample Name : Basil - Edens Garden  
 Sample ID : AH26DA  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
12.157	alpha-Thujene	0.04
12.571	alpha-Pinene	0.22
13.492	Camphene	0.06
14.775	Sabinene	0.10
15.087	beta-Pinene	0.28
15.724	Myrcene	0.20
17.463	alpha-Terpinene	0.05
17.943	para-Cymene	0.15
18.250	Limonene	0.24
18.363	beta-Phellandrene	0.03
18.452	1,8-cineole	2.63
18.656	cis-beta-Ocimene	0.04
19.342	trans-beta-Ocimene	0.37
20.130	gamma-Terpinene	0.10
20.937	trans-Sabinene hydrate	0.17
21.957	Terpinolene	0.08
22.033	trans-Linalool oxide (furanoid)	0.11
22.996	Linalool	80.49
23.163	Hotrienol	0.10
25.623	trans-Myroxide	0.04
26.186	Camphor	0.21
27.784	delta-Terpineol	0.03
27.915	Borneol	0.14
28.314	Menthol	0.13
28.512	Terpinen-4-ol	0.91
29.510	alpha-Terpineol	0.33
29.704	Estragole	0.15
30.595	Octyl acetate	0.05
31.667	Citronellol	0.02
32.437	Neral	0.03
33.276	Geraniol	2.24
34.456	Geranial	0.08
35.634	Bornyl acetate	0.66
40.014	Eugenol	0.98
41.697	alpha-Copaene	0.05
41.836	Geranyl acetate	0.33
42.225	beta-Bourbonene	0.07
42.590	beta-Elemene	0.68
43.188	Methyleugenol	0.03
44.507	beta-Caryophyllene	0.12
45.184	beta-Gurjunene (calarene)	0.04
45.371	trans-alpha-Bergamotene	1.87
45.503	alpha-Guaiene	0.20
46.758	alpha-Humulene	0.21
47.161	cis-Cadina-1(6),4-diene	0.20
48.348	Germacrene D	1.22
48.539	Farnesene isomer	0.12
48.837	beta-Selinene	0.04
49.240	Bicyclogermacrene	0.27
49.623	alpha-Bulnesene	0.35
49.973	Unidentified	0.05
50.302	gamma-Cadinene	1.03
50.610	delta-Cadinene	0.06
50.713	cis-Calamenene	0.08
50.970	beta-Sesquiphellandrene	0.04
53.180	trans-Nerolidol	0.11
53.654	Unidentified	0.04
54.056	Spathulenol	0.05
56.327	1,10-di-epi-Cubanol	0.18
57.832	alpha-Muurolol	0.99
58.523	Ageratochromene	0.16
		100.00

Chromatogram Basil - Edens Garden



Comments:

The analysis of this Basil batch sample meets the expected chemical profile for authentic essential oil of *Ocimum basilicum*. No contamination or adulteration was detected.