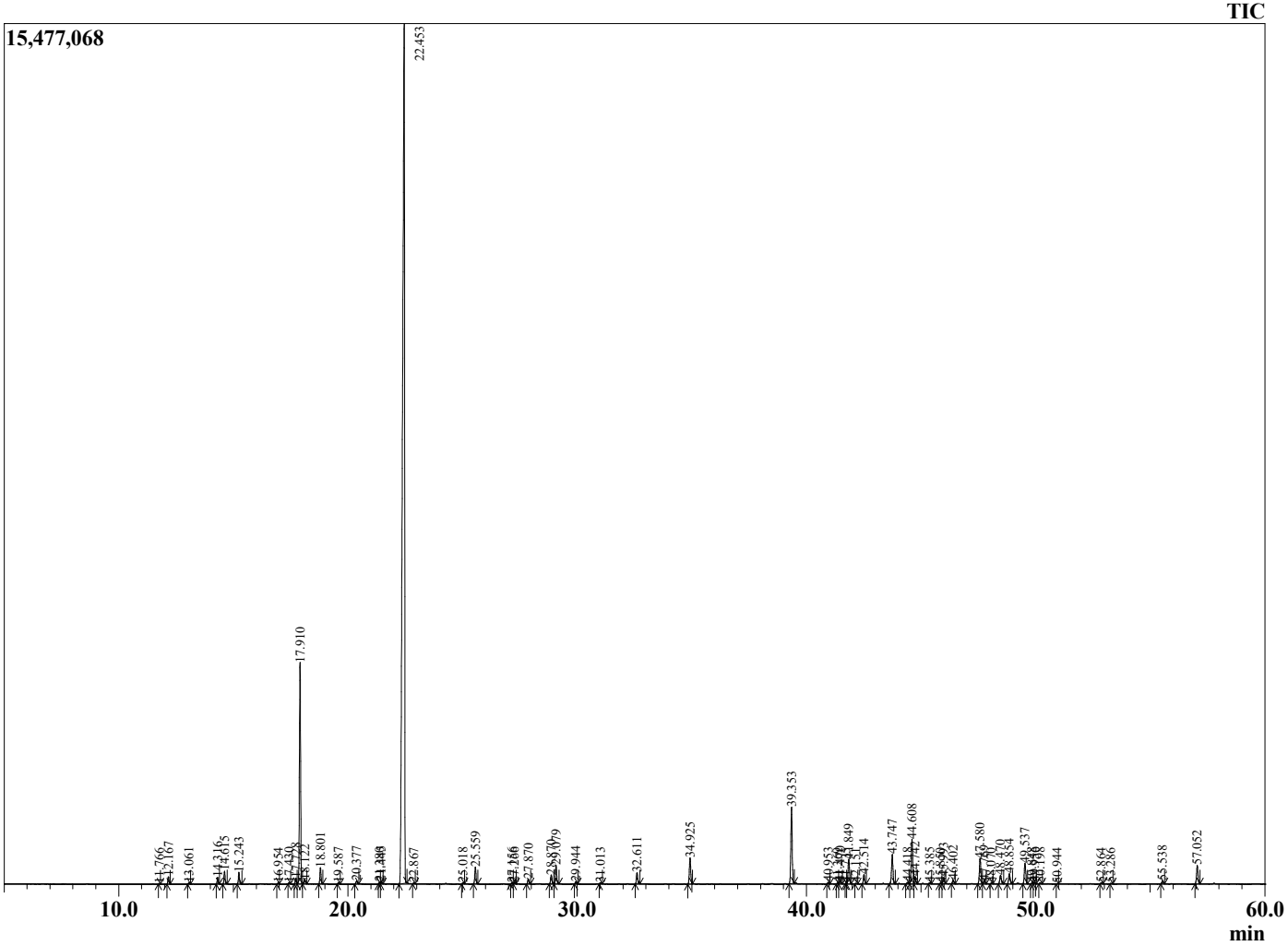
Sample Information

Analyzed by : Dr. Robert S. Pappas
Analyzed : 12/31/2023 6:54:19 PM
Sample Type : Essential Oil
Sample Name : Basil Oil - Revive
Sample ID : 2N
Injection Volume : 0.10
Instrument ID: : GC-3

Chromatogram Basil Oil - Revive



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. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

Peak Report TIC

R.Time	Name	Area%
4.005	Isovaleric aldehyde	0.01
11.766	alpha-Thujene	0.01
12.167	alpha-Pinene	0.26
13.061	Camphene	0.05
14.316	Sabinene	0.25
14.615	beta-Pinene	0.51
15.243	Myrcene	0.48
16.954	alpha-Terpinene	0.04
17.430	para-Cymene	0.05
17.728	Limonene	0.26
17.910	1,8-cineole	9.66
18.122	cis-beta-Ocimene	0.20
18.801	trans-beta-Ocimene	0.70
19.587	gamma-Terpinene	0.06
20.377	trans-Sabinene hydrate	0.14
21.380	Terpinolene	0.09
21.445	cis-Linalool oxide	0.11
22.453	Linalool	66.14
22.867	Octen-3-yl acetate	0.03
25.018	cis-Myroxide	0.06
25.559	Camphor	0.78
27.156	delta-Terpineol	0.06
27.266	Borneol	0.06
27.870	Terpinen-4-ol	0.24
28.870	alpha-Terpineol	0.44
29.079	Estragole	0.90
29.944	Octyl Acetate	0.11
31.013	Citronellol	0.07
32.611	Geraniol	0.56
34.925	Bornyl acetate	1.33
39.353	Eugenol	3.88
40.953	alpha-Copaene	0.07
41.369	Elemene isomer	0.05
41.470	beta-Bourbonene	0.13
41.735	Unidentified	0.03
41.849	beta-Elemene	1.33
42.151	Unidentified	0.03
42.514	Methyleugenol	0.48
43.747	beta-Caryophyllene	1.59
44.418	Calarene	0.08
44.608	alpha-trans-Bergamotene	2.46
44.742	alpha-Guaiene	0.38
45.385	Cadina-3,5-diene	0.05
45.850	trans-beta-Farnesene	0.04
45.993	alpha-Humulene	0.34
46.402	cis-Muurola-4(14),5-diene	0.19
47.580	Germacrene D	1.37
47.769	(Z,E)-alpha-Farnesene	0.15
48.070	beta-Selinene	0.03
48.470	Bicyclogermacrene	0.52
48.854	alpha-Bulnesene	0.57
49.537	gamma-Cadinene	1.15
49.848	delta-Cadinene	0.06
49.956	cis-Calamenene	0.08
50.198	beta-Sesquiphellandrene	0.06
50.944	Unidentified	0.02
52.864	Maaliol	0.05
53.286	Unidentified	0.02
55.538	Epicubenol	0.16
57.052	alpha-Muurolol	1.01
		100.00