

Sample Information

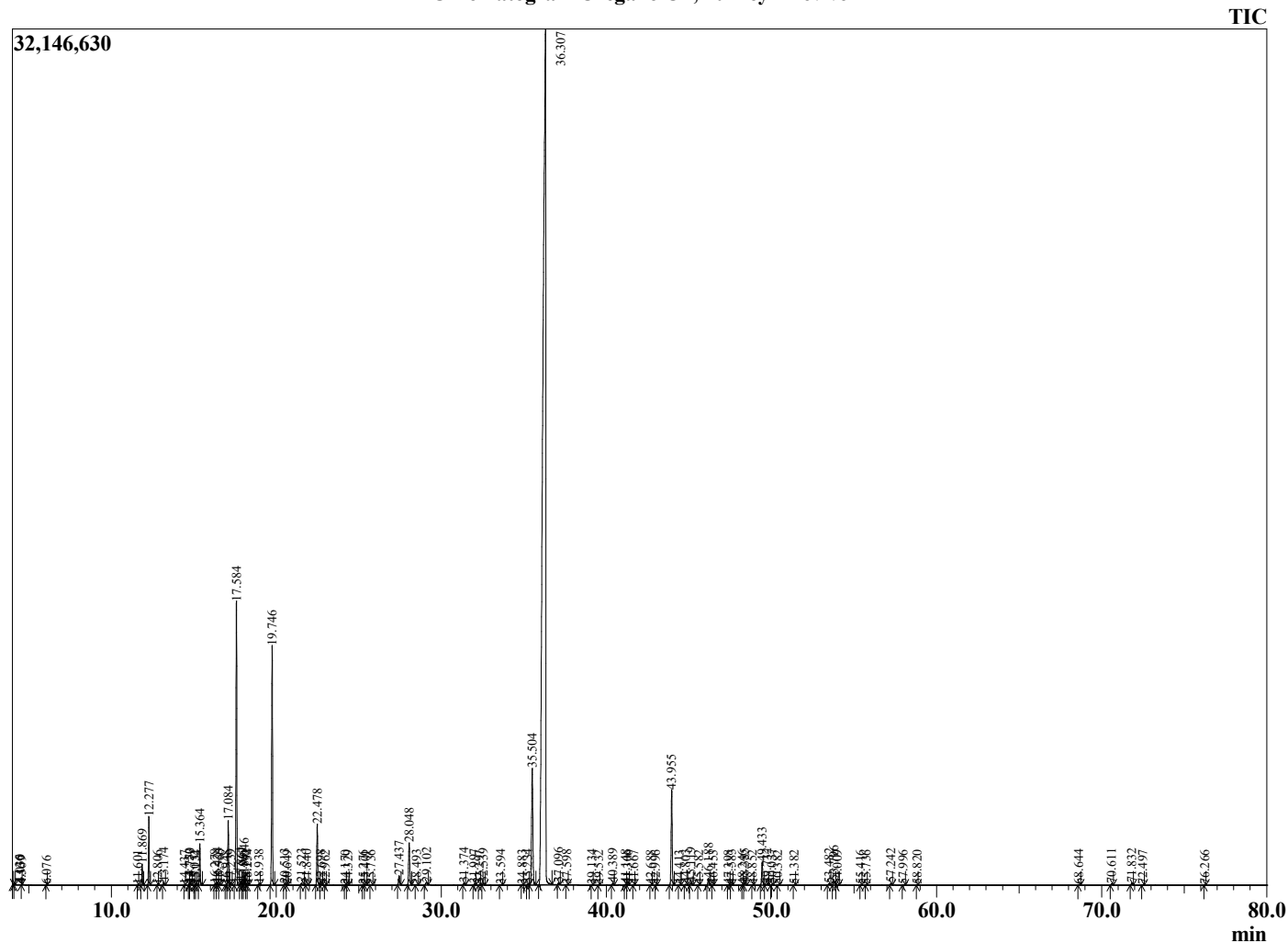
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 8/7/2022 6:57:11 PM
 Sample Type : Essential Oil
 Sample Name : Oregano Oil, Turkey - Revive
 Sample ID : 8D
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
4.030	3-Methylbutanal	0.01
4.135	2-Methylbutanal	0.01
4.569	2-Ethylfuran	0.00
6.076	alpha-Methyl-methylbutyrate	0.00
11.601	Hashishene	0.00
11.869	alpha-Thujene	0.40
12.277	alpha-Pinene	1.32
12.806	Thuja-2,4(10)-diene	0.00
13.174	Camphene	0.06
14.437	Sabinene	0.00
14.750	beta-Pinene	0.02
14.773	1-Octen-3-ol	0.04
15.052	Unidentified	0.01
15.134	Isomenthyl acetate	0.01
15.364	Myrcene	0.88
16.278	Pseudolimonene	0.03
16.424	alpha-Phellandrene	0.06
16.566	delta-3-Carene	0.03
16.948	1,4-Cineole	0.01
17.084	alpha-Terpinene	1.45
17.239	ortho-Cymene	0.03
17.584	para-Cymene	6.94
17.861	Limonene	0.09
17.967	beta-Phellandrene	0.05
18.046	1,8-Cineole	0.27
18.192	meta-Cymene	0.01
18.254	cis-beta-Ocimene	0.01
18.938	trans-beta-Ocimene	0.03
19.746	gamma-Terpinene	5.92
20.513	trans-Sabinene hydrate	0.04
20.649	Pinol	0.01
21.523	Terpinolene	0.06
21.840	para-Cymenene	0.02
22.478	Linalool	1.55
22.698	Hotrienol	0.02
22.962	beta-Thujone	0.01
24.170	cis-para-Menth-2-en-1-ol	0.01
24.329	alpha-Campholenal	0.00
25.276	trans-Pinocarveol	0.01
25.401	Unidentified	0.01
25.736	Camphor	0.01
27.437	Borneol	0.28
28.048	Terpinen-4-ol	1.34
28.493	para-Cymen-8-ol	0.02
29.102	alpha-Terpineol	0.11
31.374	Thymol methyl ether	0.06
31.997	Carvacryl methyl ether	0.03
32.297	Cuminal	0.01
32.539	Carvone	0.05
33.594	Carvenone	0.02
34.883	Unidentified	0.01
35.234	trans-Anethole	0.03
35.504	Thymol	4.14
36.307	Carvacrol	69.79
37.096	Unidentified	0.04
37.598	Unidentified	0.01
39.134	Thymol acetate	0.01
39.532	Eugenol	0.00
40.389	Carvacryl acetate	0.05
41.148	alpha-Copaene	0.02
41.306	Neryl acetate	0.01
41.667	beta-Bourbonene	0.01

Chromatogram Oregano Oil, Turkey - Revive



Comments:

The analysis of this Oregano batch sample meets the expected chemical profile for authentic essential oil of *Origanum vulgare*. 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.

R.Time	Name	Area%
42.688	Methyleugenol	0.01
42.996	Unidentified	0.01
43.955	trans-beta-Caryophyllene	2.81
44.413	Unidentified	0.01
44.803	trans-alpha-Bergamotene	0.03
45.119	beta-Copaene	0.09
45.582	Selina-5,11-diene	0.00
46.188	alpha-Humulene	0.20
46.453	Unidentified	0.01
47.398	gamma-Murolene	0.01
47.583	Unidentified	0.01
48.246	Unidentified	0.00
48.385	Viridiflorene	0.06
48.852	Unidentified	0.00
49.433	beta-Bisabolene	0.70
49.732	gamma-Cadinene	0.05
50.037	delta-Cadinene	0.03
50.382	Unidentified	0.01
51.382	trans-alpha-Bisabolene	0.01
53.482	Spathulenol	0.05
53.796	Caryophyllene oxide	0.15
54.009	Unidentified	0.01
55.416	Humulene epoxide II	0.01
55.736	1,10-di-epi-Cubenol	0.01
57.242	epi-alpha-Cadinol	0.05
57.996	Unidentified	0.01
58.820	Unidentified	0.01
68.644	Unidentified	0.02
70.611	Unidentified	0.05
71.832	Unidentified	0.06
72.497	Unidentified	0.01
76.266	Unidentified	0.01
		100.00