

Sample Information

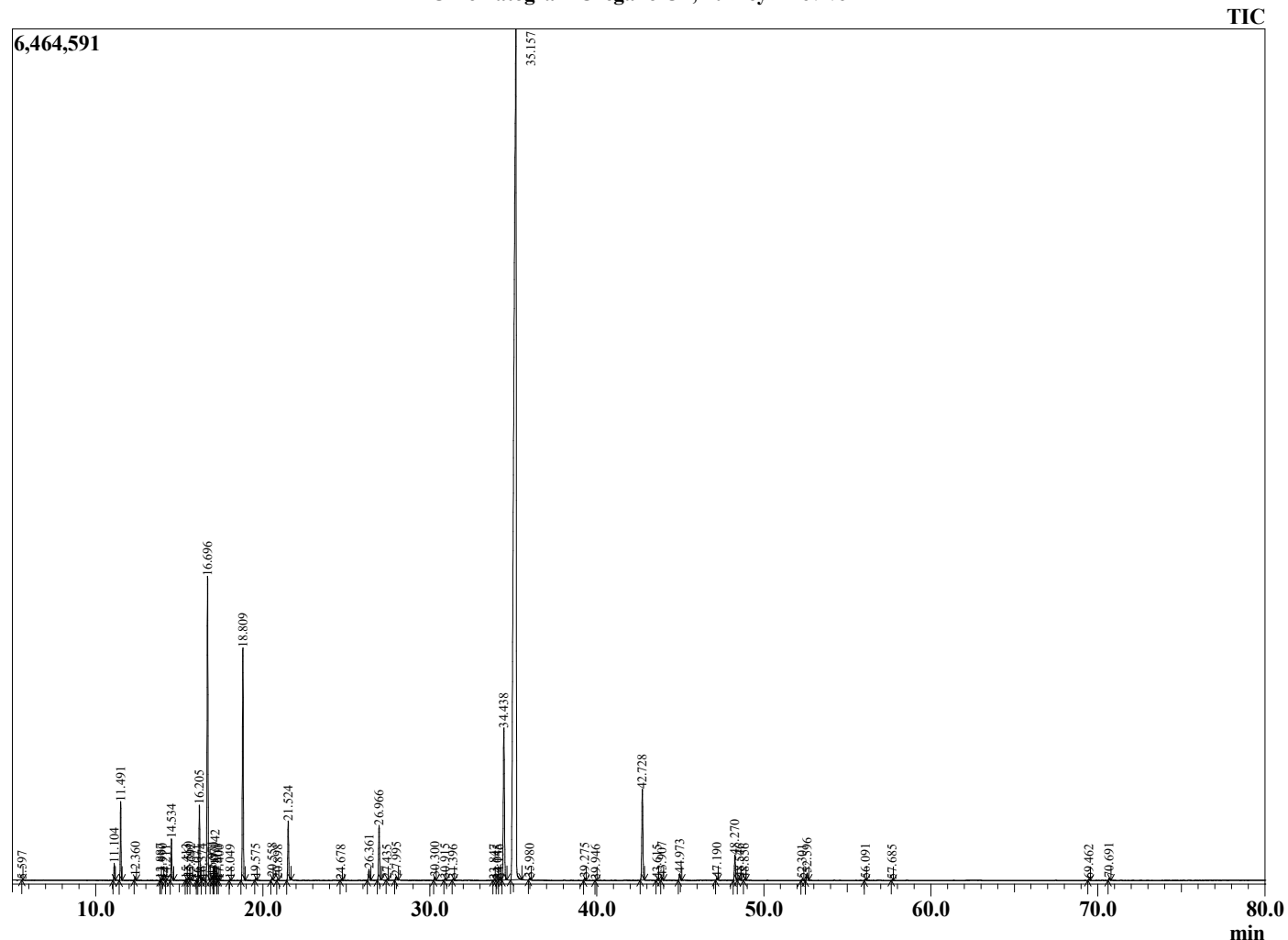
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 6/14/2023 10:56:01 AM
 Sample Type : Essential Oil
 Sample Name : Oregano Oil, Turkey - Revive
 Sample ID : 3J
 Injection Volume : 0.10
 Instrument ID: : GC-2



Peak Report TIC

R.Time	Name	Area%
3.700	3-Methylbutanal	0.01
3.798	2-Methylbutanal	0.02
5.597	Methyl-alpha-methylbutyrate	0.01
11.104	alpha-Thujene	0.36
11.491	alpha-Pinene	1.76
12.360	Camphene	0.08
13.887	beta-Pinene	0.03
13.990	1-Octen-3-ol	0.03
14.211	Unidentified	0.01
14.534	Myrcene	0.99
15.413	Pseudolimonene	0.04
15.560	alpha-hellandrene	0.08
15.692	delta-3-Carene	0.04
16.071	1,4-Cineole	0.01
16.205	alpha-Terpinene	1.94
16.374	ortho-Cymene	0.05
16.696	para-Cymene	8.56
16.971	Limonene	0.13
17.070	beta-Phellendrene	0.06
17.142	1,8-Cineole	0.39
17.301	meta-Cymene	0.02
17.400	cis-beta-Ocimene	0.01
18.049	trans-beta-Ocimene	0.03
18.809	gamma-Terpinene	6.44
19.575	trans-Sabinene hydrate	0.05
20.558	Terpinolene	0.07
20.898	para-Cymenene	0.03
21.524	Linalool	1.71
24.678	Camphor	0.01
26.361	Borneol	0.35
26.966	Terpinen-4-ol	1.75
27.435	para-Cymen-8-ol	0.02
27.995	alpha-Terpineol	0.15
30.300	Thymol methyl ether	0.09
30.915	Carvacryl methyl ether	0.05
31.396	Carvone	0.03
33.847	Carvacrol analogue	0.02
34.045	Unidentified	0.02
34.156	trans-Anethole	0.03
34.438	Thymol	5.47
35.157	Carvacrol	63.91
35.980	Unidentified	0.05
39.275	Carvacryl acetate	0.07
39.946	alpha-Copaene	0.03
42.728	trans-beta-Caryophyllene	3.15
43.615	trans-alpha-Bergamotene	0.03
43.907	Aromadendrene	0.10
44.973	alpha-Humulene	0.22
47.190	Viridiflorene	0.07
48.270	beta-Bisabolene	0.85
48.546	gamma-Cadinene	0.07
48.856	delta-Cadinene	0.04
52.301	Spathulenol	0.04
52.596	Caryophyllene oxide	0.26
56.091	tau-Cadinol	0.05
57.685	Unidentified	0.01
69.462	Unidentified	0.04
70.691	Unidentified	0.08
		100.00

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.