

Sample Information

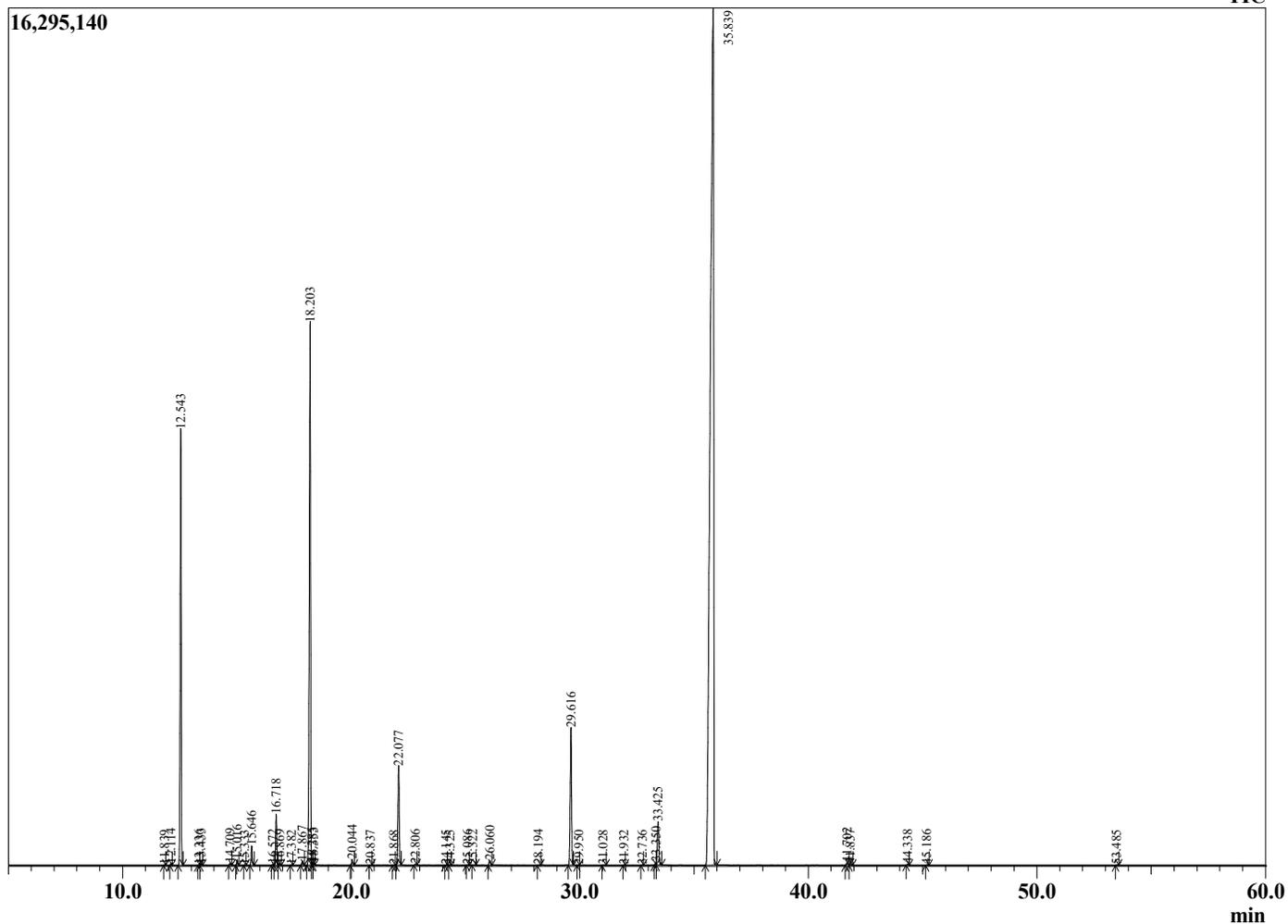
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 12/28/2023 4:58:37 PM
 Sample Type : Essential Oil
 Sample Name : Fennel Oil - Revive
 Sample ID : 2M
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
11.839	Unidentified	0.01
12.114	alpha-Tujene	0.04
12.543	alpha-Pinene	10.11
13.336	alpha-Fenchene	0.01
13.433	Camphene	0.04
14.709	Sabinene	0.05
15.016	beta-Pinene	0.13
15.333	Unidentified	0.01
15.646	Myrcene	0.46
16.572	Pseudolimonene	0.02
16.718	alpha-Phellandrene	1.24
16.869	delta-3-Carene	0.03
17.382	alpha-Terpinene	0.01
17.867	para-Cymene	0.12
18.203	Limonene	15.42
18.285	beta-Phellandrene	0.05
18.353	1,8-Cineole	0.05
20.044	gamma-Terpinene	0.15
20.837	Unidentified	0.01
21.868	Terpinolene	0.01
22.077	Fenchone	2.77
22.806	Linalool	0.02
24.145	Unidentified	0.01
24.325	Unidentified	0.01
25.086	cis-Limonene oxide	0.01
25.322	trans-Limonene oxide	0.01
26.060	Camphor	0.13
28.194	Unidentified	0.01
29.616	Estragole	4.07
29.950	Unidentified	0.01
31.028	trans-Carveol	0.02
31.932	Unidentified	0.01
32.736	Unidentified	0.01
33.350	cis-Anethole	0.06
33.425	para-Anisaldehyde	1.35
35.839	trans-Anethole	63.36
41.702	Unidentified	0.10
41.837	Anisyl methyl ketone	0.04
44.338	beta-Caryophyllene	0.02
45.186	trans-alpha-Bergamotene	0.02
53.485	Unidentified	0.01
		100.00

Chromatogram Fennel Oil - Revive



Comments:

The analysis of this Fennel batch sample meets the expected chemical profile for authentic essential oil of *Foeniculum 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.