

Sample Information

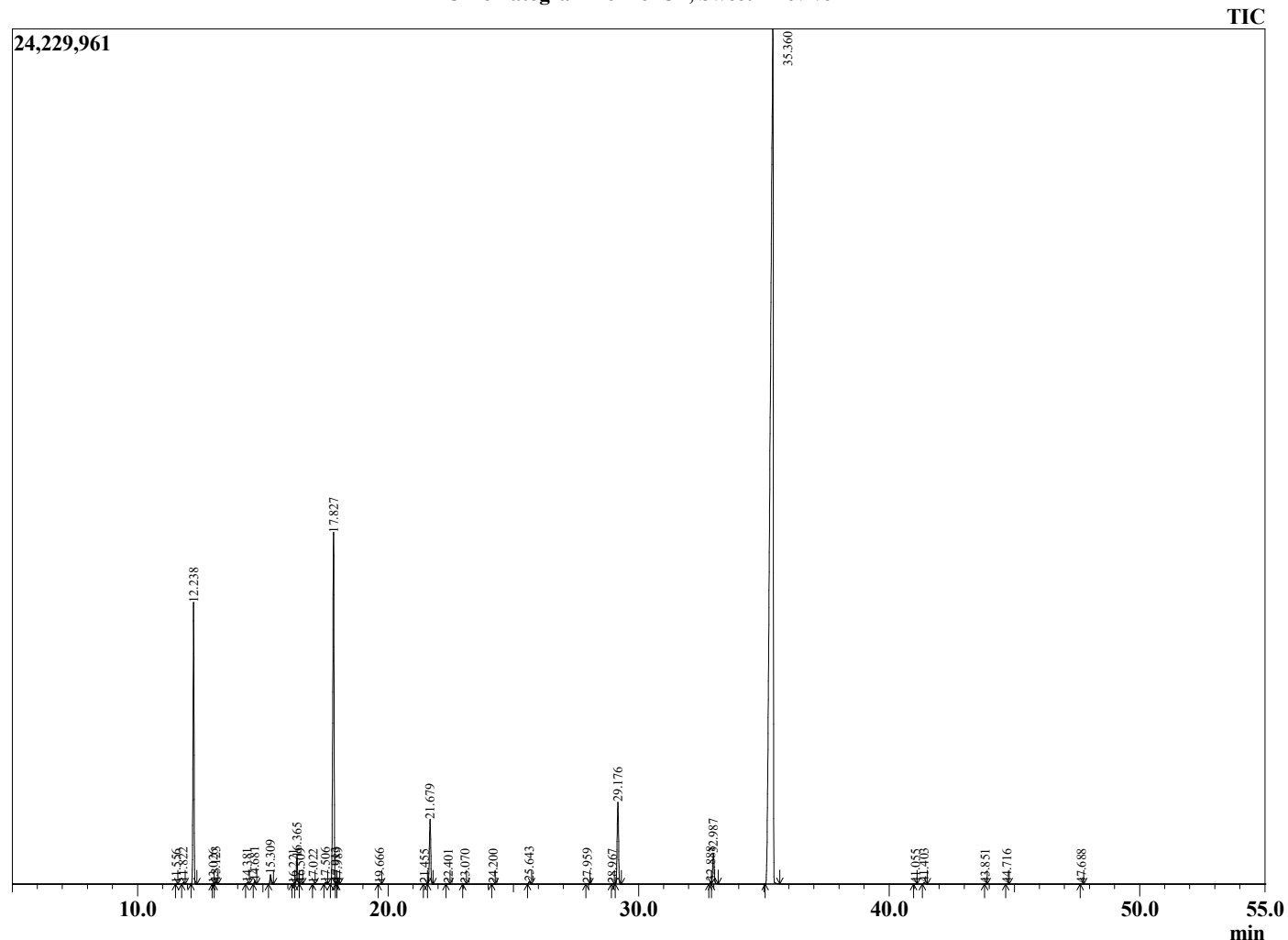
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/10/2023 11:39:39 PM
 Sample Type : Essential Oil
 Sample Name : Fennel Oil, Sweet - Revive
 Sample ID : 7M
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
11.556	Hashishene	0.01
11.822	alpha-Thujene	0.04
12.238	alpha-Pinene	8.08
13.026	alpha-Fenchene	0.01
13.123	Camphene	0.08
14.381	Sabinene	0.04
14.681	beta-Pinene	0.10
15.309	Myrcene	0.30
16.221	Pseudolimonene	0.01
16.365	alpha-Phellandrene	0.86
16.509	delta-3-Carene	0.03
17.022	alpha-Terpinene	0.01
17.506	para-Cymene	0.05
17.827	Limonene	12.68
17.913	beta-Phellandrene	0.06
17.989	1,8-Cineole	0.05
19.666	gamma-Terpinene	0.02
21.455	Terpinolene	0.00
21.679	Fenchone	2.41
22.401	Linalool	0.01
23.070	Unidentified	0.00
24.200	Unidentified	0.00
25.643	Camphor	0.09
27.959	Terpinen-4-ol	0.02
28.967	alpha-Terpineol	0.01
29.176	Estragole	3.18
32.888	(Z)-Anethole	0.08
32.987	para-Anisaldehyde	1.29
35.360	(E)-Anethole	70.39
41.055	alpha-Copaene	0.00
41.403	Anisyl methyl ketone	0.06
43.851	Unidentified	0.01
44.716	Unidentified	0.01
47.688	Germaacrene D	0.01
		100.00

Chromatogram Fennel Oil, Sweet - Revive



Comments:

The analysis of this Fennel, Sweet 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.