

Sample Information

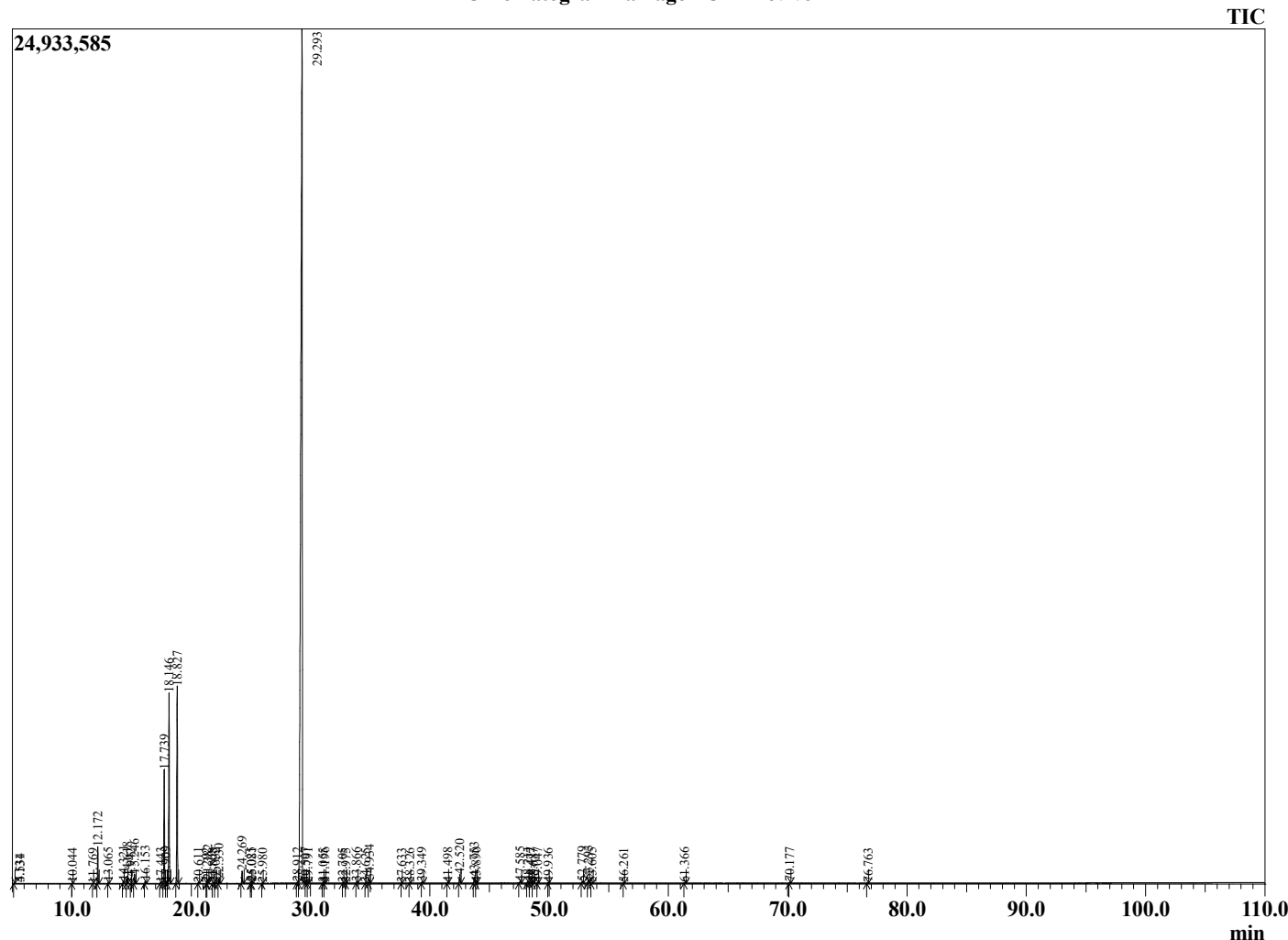
Analyzed by : Dr. Robert S. Pappas
Analyzed : 7/29/2023 3:47:45 AM
Sample Type : Essential Oil
Sample Name : Tarragon Oil - Revive
Sample ID : 1A
Injection Volume : 0.10
Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
3.583	Unidentified	0.01
3.850	1,3-Cyclohexadiene	0.01
3.890	cis-1,3,5-Hexatriene	0.01
4.534	alpha-Ethylfuran	0.02
5.131	Unidentified	0.01
10.044	Unidentified	0.01
11.769	Unidentified	0.00
12.172	alpha-Pinene	1.11
13.065	Camphene	0.03
14.321	Sabinene	0.09
14.618	beta-Pinene	0.24
14.942	Unidentified	0.01
15.246	Myrcene	0.34
16.153	para-Mentha-1(7),8-diene	0.10
17.443	neo-allo-Ocimene	0.04
17.739	Limonene	4.18
17.909	1,8-Cineole	0.07
18.146	cis-beta-Ocimene	6.89
18.827	trans-beta-Ocimene	7.49
20.611	alpha-Pinene oxide	0.03
21.292	Unidentified	0.01
21.382	Terpinolene	0.14
21.808	Unidentified	0.02
22.032	Pinene oxide isomer	0.03
22.330	Linalool	0.17
24.269	allo-Ocimene	0.51
25.025	Unidentified	0.04
25.081	Pentamethylcyclopentadiene	0.06
25.980	4-Vinylanisole	0.01
28.912	Fenchol	0.05
29.293	Estragole	76.61
29.597	Unidentified	0.01
29.791	Unidentified	0.02
31.055	Unidentified	0.01
31.196	Unidentified	0.03
32.705	Unidentified	0.01
32.975	Unidentified	0.01
33.866	Unidentified	0.06
34.625	Unidentified	0.01
34.934	Bornyl acetate	0.14
37.633	Unidentified	0.00
38.326	Unidentified	0.02
39.349	Chavibetol	0.05
41.498	trans-Methylcinnamate	0.03
42.520	Methyleugenol	0.36
43.753	beta-Caryophyllene	0.29
43.890	Unidentified	0.02
47.585	Germacrene D	0.08
48.211	trans-alpha-Bergamotene	0.06
48.477	Bicyclogermacrene	0.06
48.687	Unidentified	0.02
49.047	alpha-Farnesene	0.02
49.936	Unidentified	0.01
52.779	para-Methoxycinnamaldehyde	0.08
53.293	Spathulenol	0.14
53.605	Caryophyllene oxide	0.03
56.261	Unidentified	0.01
61.366	Herniarin	0.04
70.177	Unidentified	0.04
76.763	Unidentified	0.00
		100.00

Chromatogram Tarragon Oil - Revive



Comments:

The analysis of this Tarragon batch sample meets the expected chemical profile for authentic essential oil of *Artemisia dracunculus*. 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.