

Sample Information

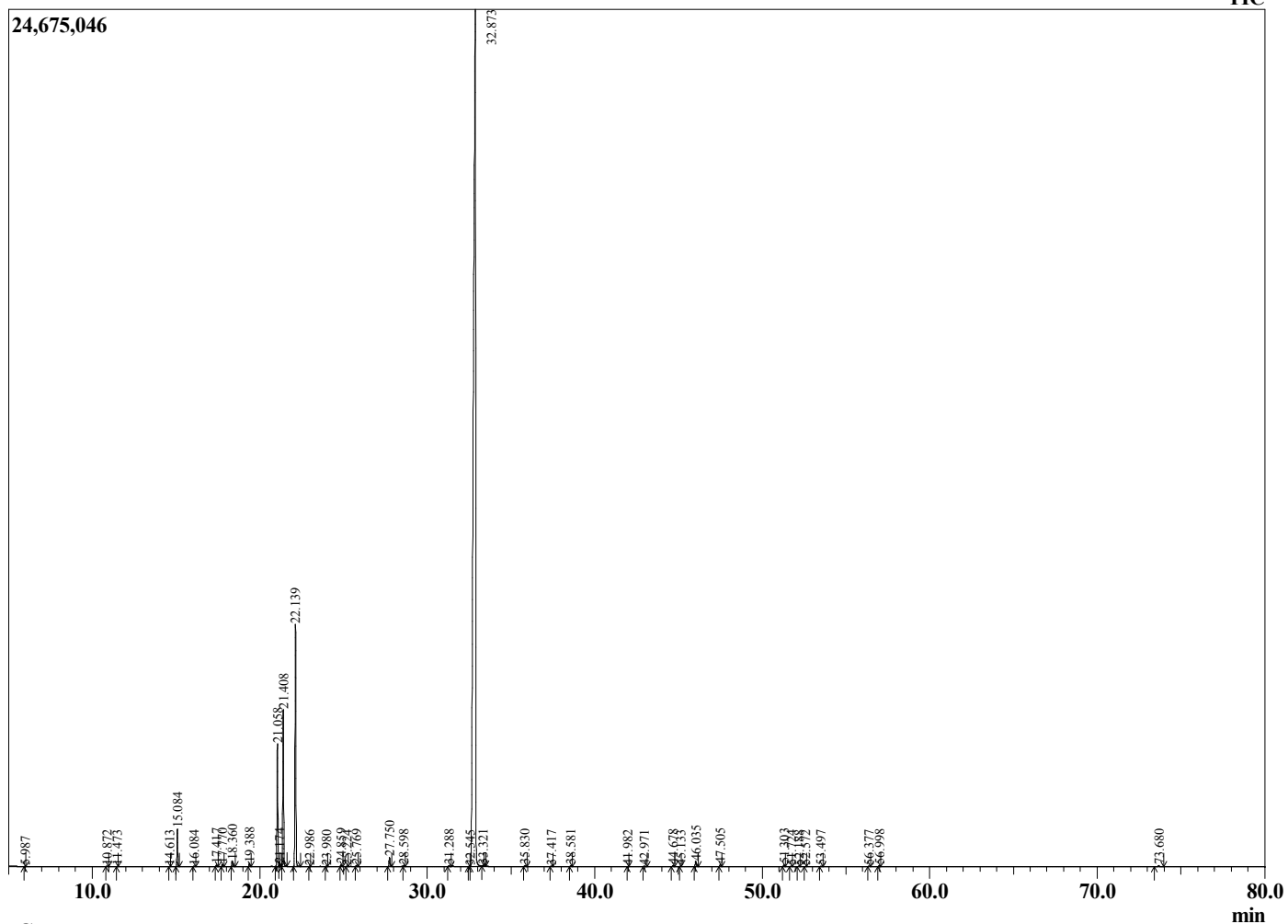
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 1/16/2020 3:38:39 AM  
 Sample Type : Essential Oil  
 Sample Name : Tarragon - Revive  
 Sample ID : F0C1111D  
 Injection Volume : 0.10  
 Instrument ID : GC-2



Peak Report TIC

| R.Time | Name                        | Area%  |
|--------|-----------------------------|--------|
| 5.987  | 2-Ethylfuran                | 0.01   |
| 10.872 | Z-3-Hexenol                 | 0.02   |
| 11.473 | n-Hexanol                   | 0.01   |
| 14.613 | alpha-Thujene               | 0.01   |
| 15.084 | alpha-Pinene                | 1.20   |
| 16.084 | Camphene                    | 0.03   |
| 17.417 | Sabinene                    | 0.06   |
| 17.770 | beta-Pinene                 | 0.08   |
| 18.360 | Myrcene                     | 0.24   |
| 19.388 | Pseudolimonene              | 0.12   |
| 21.058 | Limonene                    | 4.48   |
| 21.174 | beta-Phellandrene           | 0.01   |
| 21.408 | Z-beta-Ocimene              | 5.74   |
| 22.139 | E-beta-Ocimene              | 9.07   |
| 22.986 | gamma-Terpinene             | 0.01   |
| 23.980 | alpha-Pinene oxide          | 0.02   |
| 24.859 | Terpinolene                 | 0.06   |
| 25.224 | Rosefuran                   | 0.01   |
| 25.769 | Linalool                    | 0.04   |
| 27.750 | allo-Ocimene                | 0.38   |
| 28.598 | neo-allo-Ocimene            | 0.04   |
| 31.288 | Menthol                     | 0.04   |
| 32.545 | alpha-Terpineol             | 0.04   |
| 32.873 | Estragole                   | 77.34  |
| 33.321 | Unidentified                | 0.04   |
| 35.830 | Carvone                     | 0.05   |
| 37.417 | Unidentified                | 0.03   |
| 38.581 | Bornyl acetate              | 0.05   |
| 41.982 | delta-Elemene               | 0.01   |
| 42.971 | Eugenol                     | 0.04   |
| 44.678 | alpha-Copaene               | 0.06   |
| 45.133 | E-Methyl cinnamate          | 0.01   |
| 46.035 | Methyleugenol               | 0.25   |
| 47.505 | beta-Caryophyllene          | 0.10   |
| 51.303 | Germacrene D                | 0.09   |
| 51.724 | Z,E-alpha-Farnesene         | 0.02   |
| 52.188 | Bicyclogermacrene           | 0.03   |
| 52.572 | E,E-alpha-Farnesene         | 0.01   |
| 53.497 | delta-Cadinene              | 0.02   |
| 56.377 | para-methoxy-Cinnamaldehyde | 0.04   |
| 56.998 | Spathulenol                 | 0.06   |
| 73.680 | Unidentified                | 0.07   |
|        |                             | 100.00 |

Chromatogram Tarragon - 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.