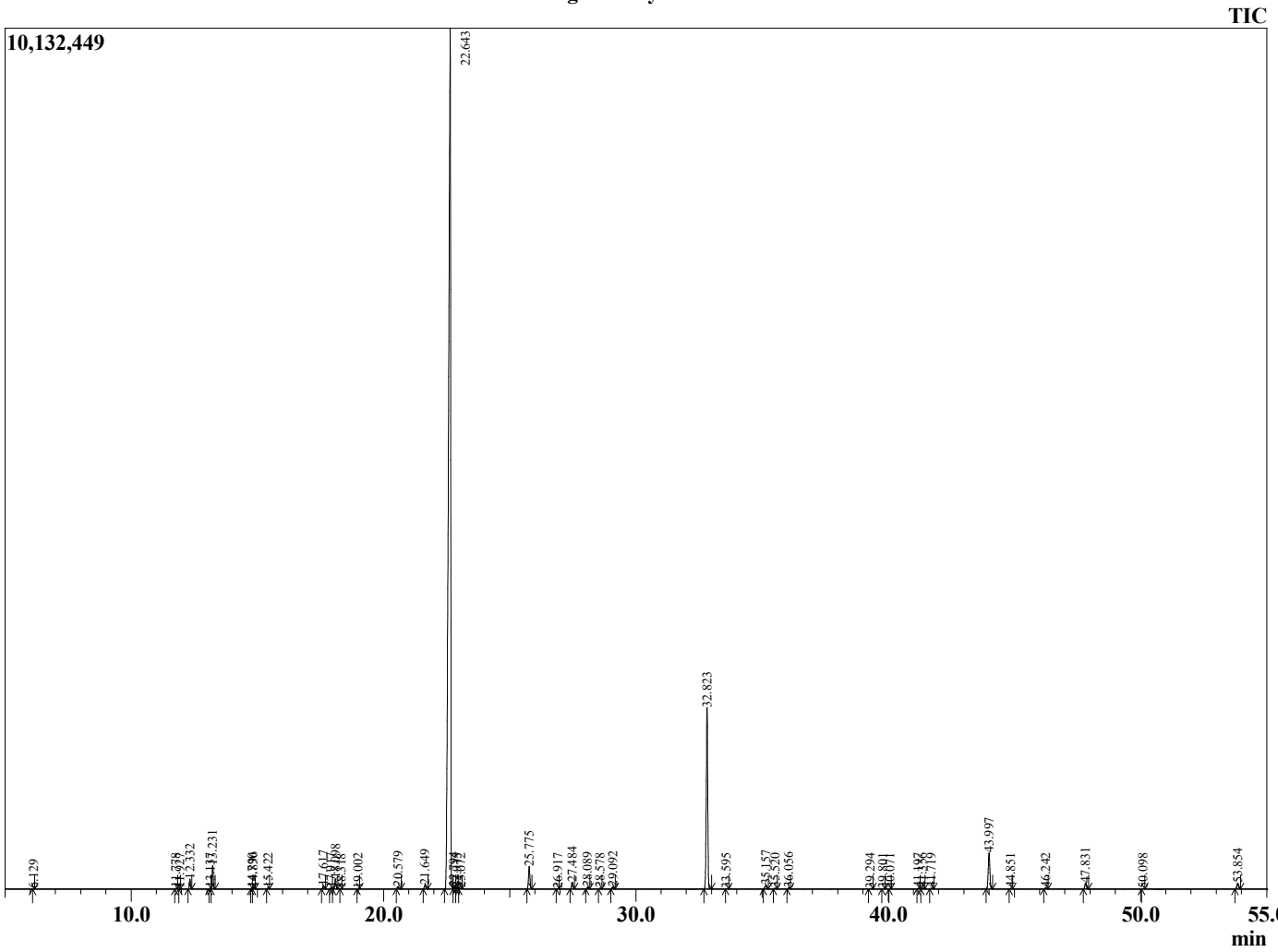
## Sample Information

**Analyzed by** : Dr. Robert S. Pappas
**Analyzed** : 5/24/2022 3:18:45 AM
**Sample Type** : Essential Oil
**Sample Name** : Thyme Oil - Revive
**Sample ID** : 5H
**Injection Volume** : 0.10
**Instrument ID:** : GC-4

## Chromatogram Thyme Oil - Revive




Peak Report TIC

| R.Time | Name | Area% |
|---|---|---|
| 6.129 | Methyl-2-methylbutyrate | 0.01 |
| 11.778 | Tricyclene | 0.03 |
| 11.927 | alpha-Thujene | 0.01 |
| 12.332 | alpha-Pinene | 0.46 |
| 13.137 | alpha-Fenchene | 0.03 |
| 13.231 | Camphene | 1.16 |
| 14.790 | Sabinene | 0.03 |
| 14.836 | beta-Pinene + 1-Octen-3-ol | 0.07 |
| 15.422 | Myrcene | 0.04 |
| 17.617 | para-Cymene | 0.17 |
| 17.917 | Limonene | 0.04 |
| 18.098 | 1,8-Cineole | 0.54 |
| 18.318 | cis-beta-Ocimene | 0.01 |
| 19.002 | trans-beta-Ocimene | 0.01 |
| 20.579 | cis-Linalool oxide (furanoid) | 0.17 |
| 21.649 | trans-Linalool oxide (furanoid) | 0.24 |
| 22.643 | Linalool | 79.04 |
| 22.794 | Hotrienol | 0.10 |
| 22.915 | Nonanal | 0.06 |
| 23.072 | 1-Octen-3-yl-acetate | 0.03 |
| 25.775 | Camphor | 1.37 |
| 26.917 | Unidentified | 0.02 |
| 27.484 | Borneol | 0.41 |
| 28.089 | Terpinen-4-ol | 0.11 |
| 28.578 | cis-3-Hexenyl butyrate | 0.04 |
| 29.092 | alpha-Terpineol | 0.15 |
| 32.823 | Linalyl acetate | 11.54 |
| 33.595 | Unidentified | 0.02 |
| 35.157 | Bornyl acetate | 0.26 |
| 35.520 | Thymol | 0.04 |
| 36.056 | Carvacrol | 0.08 |
| 39.294 | Terpinyl acetate isomer | 0.03 |
| 39.801 | Unidentified | 0.02 |
| 40.071 | Neryl acetate | 0.01 |
| 41.197 | Copaene | 0.04 |
| 41.356 | Geranyl acetate | 0.06 |
| 41.719 | beta-Bourbonene | 0.05 |
| 43.997 | beta-Caryophyllene | 2.55 |
| 44.851 | trans-alpha-Bergamotene | 0.03 |
| 46.242 | alpha-Humulene | 0.08 |
| 47.831 | Germacrene D | 0.42 |
| 50.098 | delta-Cadinene | 0.02 |
| 53.854 | Caryophyllen oxide | 0.40 |
| | | 100.00 |

**Comments:**

The analysis of this Thyme ct. Linalool batch sample meets the expected chemical profile for authentic essential oil of *Thymus vulgaris*. 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.