

Sample Information

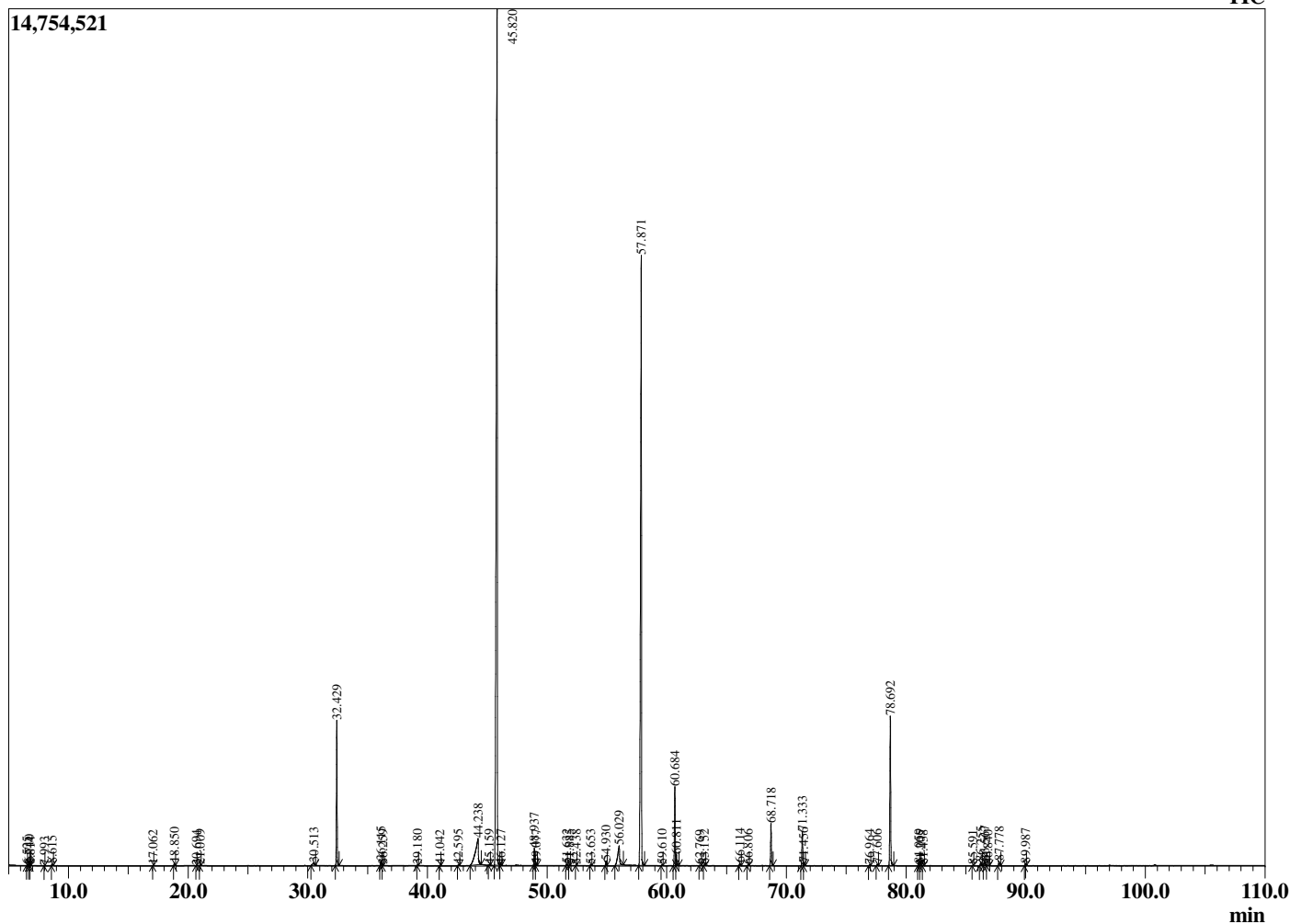
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 7/12/2020 3:41:46 AM
 Sample Type : Essential Oil
 Sample Name : Cognac - Edens Garden
 Sample ID : BA18FO
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

| R.Time | Name | Area% |
|--------|-----------------------------|--------|
| 3.874 | Ethanol | 0.10 |
| 6.525 | 1,1-Diethoxy ethane | 0.01 |
| 6.710 | Isoamyl alcoho | 0.05 |
| 6.814 | 2-Methyl butanol | 0.01 |
| 7.993 | Unidentified | 0.00 |
| 8.615 | Ethyl butyrate | 0.04 |
| 17.062 | Unidentified | 0.01 |
| 18.850 | Ethyl hexanoate | 0.08 |
| 20.694 | para-Cymene | 0.01 |
| 21.009 | Limonene | 0.03 |
| 30.513 | Octanoic acid | 0.20 |
| 32.429 | Ethyl octanoate | 5.00 |
| 36.115 | Isoamyl hexanoate | 0.15 |
| 36.259 | Amyl hexanoate | 0.03 |
| 39.180 | Ethyl nonanoate | 0.02 |
| 41.042 | Methyl decanoate | 0.02 |
| 42.595 | Isobutyl octanoate | 0.03 |
| 44.238 | Decanoic acid | 3.83 |
| 45.159 | Ethyl dec-(4E)-enoate | 0.03 |
| 45.820 | Ethyl decanoate | 45.45 |
| 46.127 | Tetradecane | 0.03 |
| 48.937 | Amyl octanoate | 0.64 |
| 49.077 | Unidentified | 0.05 |
| 51.632 | Propyl decanoate | 0.05 |
| 51.885 | Ethyl undecanoate | 0.02 |
| 52.438 | Unidentified | 0.01 |
| 53.653 | Methyl dodecanoate | 0.03 |
| 54.930 | Isobutyl decanoate | 0.18 |
| 56.029 | Dodecanoic acid | 1.82 |
| 57.871 | Ethyl dodecanoate | 28.52 |
| 59.610 | Isopropyl dodecanoate | 0.03 |
| 60.684 | Isoamyl decanoate | 2.96 |
| 60.811 | Amyl decanoate | 0.42 |
| 62.769 | Unidentified | 0.02 |
| 63.152 | Propyl dodecanoate | 0.03 |
| 66.114 | Isobutyl dodecanoate | 0.10 |
| 66.806 | Myristic acid | 0.03 |
| 68.718 | Ethyl myristate | 1.64 |
| 71.333 | Isoamyl dodecanoate | 1.35 |
| 71.456 | Amyl dodecanoate | 0.10 |
| 76.964 | Palmitic acid | 0.03 |
| 77.606 | Ethyl hexadec-(9E)-enoate | 0.05 |
| 78.692 | Ethyl hexadecanoate | 6.02 |
| 81.059 | Unidentified | 0.06 |
| 81.205 | Unidentified | 0.01 |
| 81.438 | Unidentified | 0.02 |
| 85.591 | Butyl hexadecanoate | 0.01 |
| 86.255 | Ethyl octadec-9,12-dienoate | 0.16 |
| 86.567 | Ethyl elaidate | 0.20 |
| 86.840 | Unidentified | 0.03 |
| 87.778 | Ethyl stearate | 0.18 |
| 89.987 | Unidentified | 0.09 |
| | | 100.00 |

Chromatogram Cognac - Edens Garden



Comments:

The analysis of this Cognac batch sample meets the expected chemical profile for authentic essential oil of *Vitis vinifera*. 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.