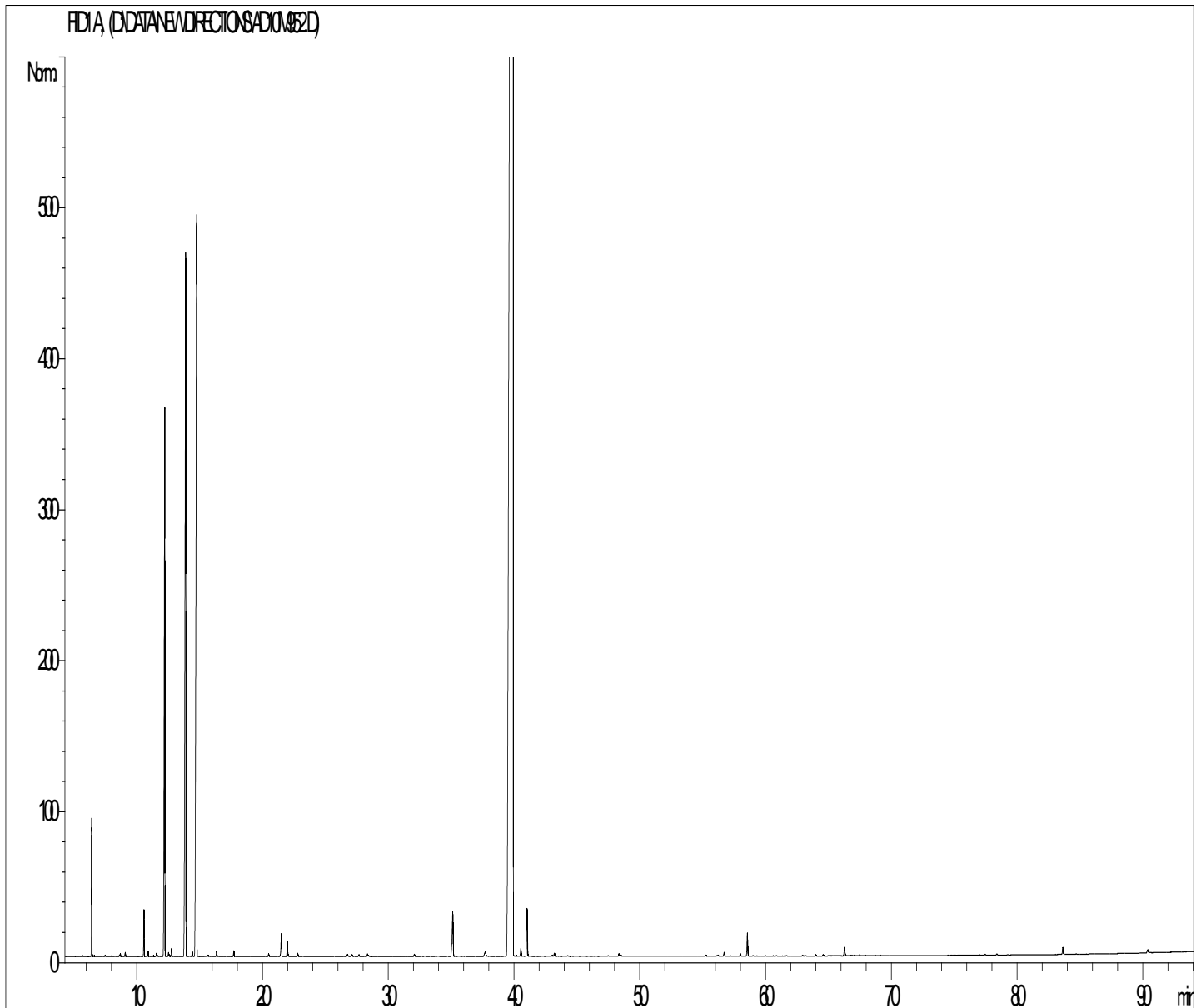




GCMS ANALYSIS

PRODUCT NAME: TARRAGON ESSENTIAL OIL - 11143

DATE: September 08, 2017



*Due to volume turnover, this report is not lot specific. It is representative of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.*

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TARRAGON ESSENTIAL OIL - 11143

| Peak | RT (min) | Compound name                           | %           |
|------|----------|---|-------------|
| 1    | 3,9      | ACETONE                                 | 0,03        |
| 2    | 5,6      | 2,6-DIMETHYL-1,5-HEPTADIENE             | 0,01        |
| 3    | 6,1      | TRICYCLENE                              | 0,01        |
| 4    | 6,4      | <b><math>\alpha</math>-PINENE</b>       | <b>0,61</b> |
| 5    | 6,5      | $\alpha$ -THUYENE                       | 0,01        |
| 6    | 6,6      | HEPTADIENE DIMETHYL ISOMER              | 0,01        |
| 7    | 7,4      | CAMPHENE                                | 0,01        |
| 8    | 8,0      | OCTADIENE DIMETHYL ISOMER               | 0,01        |
| 9    | 8,6      | $\beta$ -PINENE                         | 0,01        |
| 10   | 8,7      | OCTADIENE DIMETHYL ISOMER               | 0,01        |
| 11   | 9,0      | SABINENE + ISOAMYL ACETATE              | 0,03        |
| 12   | 10,5     | $\beta$ -MYRCENE                        | 0,28        |
| 13   | 10,7     | $\alpha$ -PHELLANDRENE                  | 0,01        |
| 14   | 10,9     | $\Psi$ -LIMONENE                        | 0,03        |
| 15   | 11,3     | $\alpha$ -TERPINENE                     | 0,01        |
| 16   | 11,5     | TERPENIC ESTER                          | 0,02        |
| 17   | 12,2     | <b>LIMONENE</b>                         | <b>4,45</b> |
| 18   | 12,5     | HEPTATRIENE TRIMETHYL ISOMER            | 0,03        |
| 19   | 12,6     | MENTHADIENE ISOMER                      | 0,01        |
| 20   | 12,7     | ALLO-OCIMENE ISOMER                     | 0,05        |
| 21   | 13,8     | <b>Cis-<math>\beta</math>-OCIMENE</b>   | <b>6,98</b> |
| 22   | 14,4     | $\gamma$ -TERPINENE                     | 0,03        |
| 23   | 14,7     | <b>Trans-<math>\beta</math>-OCIMENE</b> | <b>7,64</b> |
| 24   | 15,6     | p-CYMENE                                | 0,01        |
| 25   | 16,3     | TERPINOLENE                             | 0,04        |
| 26   | 17,7     | ALLO-OCIMENE ISOMER                     | 0,04        |
| 27   | 20,4     | PINENE EPOXIDE                          | 0,02        |
| 28   | 21,4     | PINENE EPOXIDE                          | 0,01        |
| 29   | 21,5     | ALLO-OCIMENE                            | 0,18        |
| 30   | 21,9     | 3-HEXEN-1-OL                            | 0,12        |

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TARRAGON ESSENTIAL OIL - 11143

| Peak | RT (min) | Compound name                          | %            |
|------|----------|--|--------------|
| 31   | 22,8     | ALIPHATIC ESTER                        | 0,03         |
| 32   | 23,2     | ALLO-OCIMENE ISOMER + GALBANOLENE      | 0,01         |
| 33   | 26,7     | MENTHONE                               | 0,02         |
| 34   | 27,1     | ALIPHATIC ESTER                        | 0,02         |
| 35   | 27,6     | OCTYL ACETATE                          | 0,02         |
| 36   | 28,3     | TERPENIC ESTER                         | 0,02         |
| 37   | 28,4     | ISOMENTHONE                            | 0,01         |
| 38   | 32,0     | LINALOOL                               | 0,02         |
| 39   | 35,1     | $\beta$ -CARYOPHYLLENE                 | 0,54         |
| 40   | 37,7     | MENTHOL                                | 0,08         |
| 41   | 39,9     | <b>ESTRAGOL</b>                        | <b>77,35</b> |
| 42   | 40,1     | NERAL                                  | 0,02         |
| 43   | 40,5     | Cis-p-MENTHA-2,8-DIEN-1-OL             | 0,07         |
| 44   | 41,0     | $\alpha$ -TERPINEOL                    | 0,42         |
| 45   | 43,0     | GERANIAL                               | 0,02         |
| 46   | 43,2     | TERPENIC ALCOHOL                       | 0,03         |
| 47   | 48,3     | E,E-2,6-DIMETHYL-3,5-7-OCTATRIENE-2-OL | 0,03         |
| 48   | 48,4     | Z,Z-2,6-DIMETHYL-3,5-7-OCTATRIENE-2-OL | 0,01         |
| 49   | 55,2     | ALIPHATIC COMPONENT                    | 0,01         |
| 50   | 56,2     | ISOCARYOPHYLLENE EPOXIDE               | 0,01         |
| 51   | 56,7     | CARYOPHYLLENE EPOXIDE                  | 0,04         |
| 52   | 57,9     | SESQUITERPENIC EPOXIDE                 | 0,02         |
| 53   | 58,5     | <b>METHYLEUGENOL</b>                   | <b>0,21</b>  |
| 54   | 66,3     | EUGENOL                                | 0,09         |
| 55   | 83,6     | METHOXYCINNAMALDEHYDE                  | 0,08         |
| 56   | 90,3     | ANICETONE                              | 0,06         |
| 57   | 94,4     | Bis-ETHYLHEXYL ADIPATE                 | 0,04         |
|      |          | <b>TOTAL</b>                           | <b>99,99</b> |

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