

4161-DBIB

Instrument 6890

C:\HPCHEM\2\DATA\2025\  
41610000.D

Lemongrass Org.

HP-5 5% Phenyl Methyl Siloxane

4161-DBIB

30.000m

Cymbopogon Citratus

250.000um

India

0.250um

Sample/Solvent: 0.05g/0.51g

Injection Amount: 0.2uL

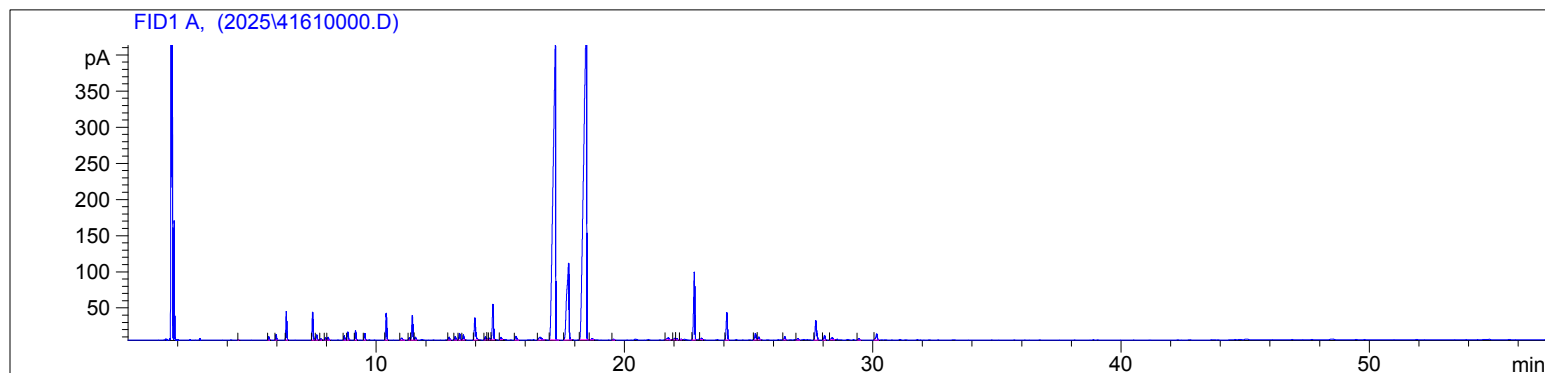
20:1 Split Ratio

5/2/2025 9:22:48 AM

5/2/2025

5/2/2025 9:22:48 AM

11:30:29 AM



| #  | Compound Name         | Meas. Ret. | Amount | Response | Height | Area    | Area % |
|----|-----------------------|------------|--------|----------|--------|---------|--------|
| 1  |                       | 4.46       | 0.00   | 1.49     | 0.75   | 1.49    | 0.02   |
| 2  | Alpha Thujene         | 5.67       | 0.00   | 11.86    | 4.88   | 11.86   | 0.13   |
| 3  | Alpha Pinene          | 5.97       | 0.00   | 18.51    | 7.59   | 18.51   | 0.20   |
| 4  | Camphene              | 6.38       | 0.00   | 101.47   | 39.54  | 101.47  | 1.10   |
| 5  | Methyl Heptenone      | 7.44       | 0.00   | 101.54   | 38.48  | 101.54  | 1.10   |
| 6  | Myrcene               | 7.61       | 0.00   | 20.34    | 7.18   | 20.34   | 0.22   |
| 7  |                       | 7.77       | 0.00   | 4.35     | 1.62   | 4.35    | 0.05   |
| 8  | N-Octanol             | 7.96       | 0.00   | 8.47     | 3.03   | 8.47    | 0.09   |
| 9  |                       | 8.07       | 0.00   | 10.69    | 3.88   | 10.69   | 0.12   |
| 10 |                       | 8.72       | 0.00   | 14.57    | 5.56   | 14.57   | 0.16   |
| 11 | d-Limonene            | 8.86       | 0.00   | 32.45    | 11.09  | 32.45   | 0.35   |
| 12 | Cis-Beta Ocimene      | 9.17       | 0.00   | 35.49    | 12.76  | 35.49   | 0.39   |
| 13 | Trans Beta Ocimene    | 9.54       | 0.00   | 25.83    | 9.22   | 25.83   | 0.28   |
| 14 | Cis-Linalool Oxide    | 10.41      | 0.00   | 105.33   | 37.07  | 105.33  | 1.14   |
| 15 |                       | 11.03      | 0.00   | 12.79    | 2.77   | 12.79   | 0.14   |
| 16 | Trans-Sabinene Hydrar | 11.34      | 0.00   | 9.55     | 3.15   | 9.55    | 0.10   |
| 17 | Linalool              | 11.46      | 0.00   | 106.28   | 33.83  | 106.28  | 1.15   |
| 18 |                       | 11.58      | 0.00   | 12.87    | 3.84   | 12.87   | 0.14   |
| 19 | Camphor               | 12.94      | 0.00   | 12.15    | 3.82   | 12.15   | 0.13   |
| 20 | Isopulegol            | 13.19      | 0.00   | 15.90    | 4.94   | 15.90   | 0.17   |
| 21 | Myrcenone             | 13.36      | 0.00   | 28.31    | 8.99   | 28.31   | 0.31   |
| 22 | Citronellal           | 13.52      | 0.00   | 20.70    | 6.73   | 20.70   | 0.22   |
| 23 | Borneol               | 13.98      | 0.00   | 113.14   | 30.28  | 113.14  | 1.23   |
| 24 |                       | 14.40      | 0.00   | 13.27    | 4.27   | 13.27   | 0.14   |
| 25 |                       | 14.48      | 0.00   | 2.74     | 0.99   | 2.74    | 0.03   |
| 26 |                       | 14.57      | 0.00   | 7.18     | 2.24   | 7.18    | 0.08   |
| 27 | Terpinen 4-ol         | 14.71      | 0.00   | 158.26   | 49.14  | 158.26  | 1.72   |
| 28 | Alpha Terpineol       | 15.03      | 0.00   | 10.60    | 3.35   | 10.60   | 0.12   |
| 29 | N-Decanal             | 15.63      | 0.00   | 21.27    | 5.22   | 21.27   | 0.23   |
| 30 | Citronellol           | 16.60      | 0.00   | 27.28    | 3.85   | 27.28   | 0.30   |
| 31 | Neral (Citral B)      | 17.21      | 0.00   | 2888.51  | 413.41 | 2888.51 | 31.38  |
| 32 | Geraniol              | 17.74      | 0.00   | 687.92   | 105.95 | 687.92  | 7.47   |
| 33 | Geranial (Citral A)   | 18.46      | 0.00   | 3788.73  | 470.03 | 3788.73 | 41.16  |
| 34 |                       | 18.69      | 0.00   | 7.69     | 2.10   | 7.69    | 0.08   |
| 35 |                       | 19.56      | 0.00   | 3.46     | 1.07   | 3.46    | 0.04   |
| 36 |                       | 21.76      | 0.00   | 18.13    | 3.02   | 18.13   | 0.20   |
| 37 |                       | 22.01      | 0.00   | 8.67     | 2.41   | 8.67    | 0.09   |
| 38 |                       | 22.09      | 0.00   | 6.67     | 1.99   | 6.67    | 0.07   |
| 39 |                       | 22.26      | 0.00   | 3.67     | 1.18   | 3.67    | 0.04   |
| 40 | Geranyl Acetate       | 22.81      | 0.00   | 321.66   | 93.46  | 321.66  | 3.49   |

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|----|---------------------|------------|--------|----------|--------|--------|--------|
| 41 |                     | 23.09      | 0.00   | 5.87     | 2.00   | 5.87   | 0.06   |
| 42 | Beta Caryophyllene  | 24.12      | 0.00   | 134.69   | 37.79  | 134.69 | 1.46   |
| 43 | Alpha Humulene      | 25.26      | 0.00   | 34.40    | 8.98   | 34.40  | 0.37   |
| 44 |                     | 25.40      | 0.00   | 15.25    | 4.23   | 15.25  | 0.17   |
| 45 |                     | 26.45      | 0.00   | 15.46    | 4.45   | 15.46  | 0.17   |
| 46 | Germacrene D        | 26.98      | 0.00   | 7.76     | 2.25   | 7.76   | 0.08   |
| 47 | Germacrene A        | 27.70      | 0.00   | 110.49   | 26.56  | 110.49 | 1.20   |
| 48 |                     | 28.05      | 0.00   | 22.78    | 6.35   | 22.78  | 0.25   |
| 49 |                     | 28.36      | 0.00   | 16.06    | 3.20   | 16.06  | 0.17   |
| 50 |                     | 29.43      | 0.00   | 7.38     | 2.24   | 7.38   | 0.08   |
| 51 | Caryophyllene Oxide | 30.15      | 0.00   | 35.13    | 8.35   | 35.13  | 0.38   |

