

3311

Instrument 6890

C:\HPCHEM\2\DATA\2022\  
33110000.D

Citronella ORG

3311-IBHL

INDIA

Cymbopogon nardus

Injection Amount: 0.2uL

20:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane

30.000m

250.000um

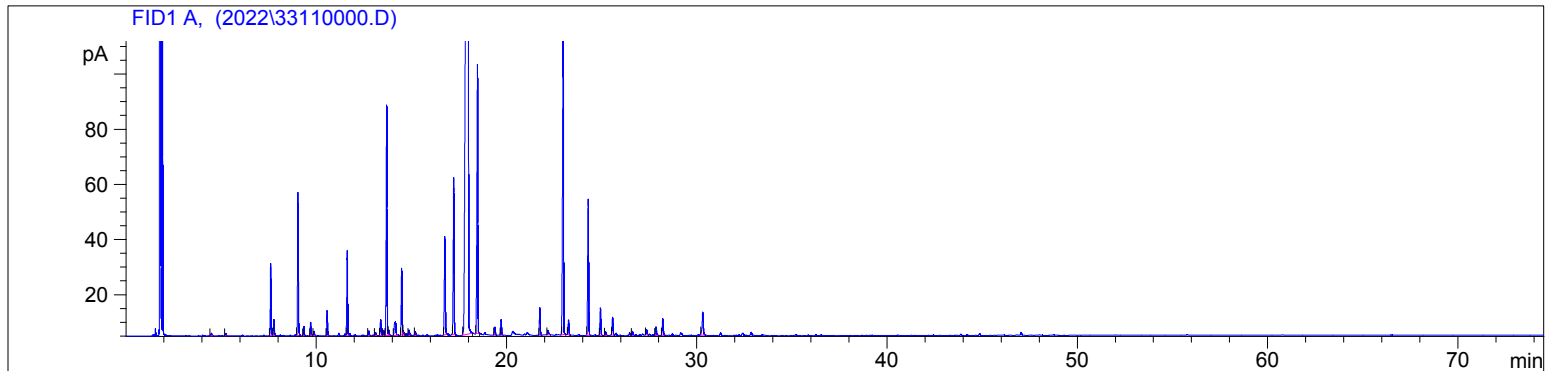
0.250um

9/28/2022 1:16:24 PM

9/28/2022 1:16:24 PM

9/28/2022

2:54:27 PM



| #  | Compound Name       | Meas. Ret. | Amount | Response | Height | Area    | Area % |
|----|---------------------|------------|--------|----------|--------|---------|--------|
| 1  |                     | 4.49       | 0.00   | 2.96     | 0.97   | 2.96    | 0.06   |
| 2  |                     | 5.24       | 0.00   | 2.30     | 0.84   | 2.30    | 0.04   |
| 3  | sabinene            | 7.60       | 0.00   | 67.66    | 26.10  | 67.66   | 1.31   |
| 4  | beta pinene         | 7.76       | 0.00   | 16.56    | 5.77   | 16.56   | 0.32   |
| 5  | d-Limonene          | 9.03       | 0.00   | 141.25   | 51.79  | 141.25  | 2.73   |
| 6  | cis-beta ocimene    | 9.34       | 0.00   | 9.13     | 3.30   | 9.13    | 0.18   |
| 7  | trans-beta ocimene  | 9.71       | 0.00   | 12.82    | 4.74   | 12.82   | 0.25   |
| 8  |                     | 9.89       | 0.00   | 4.49     | 1.52   | 4.49    | 0.09   |
| 9  | cis-linalool oxide  | 10.58      | 0.00   | 26.19    | 9.16   | 26.19   | 0.51   |
| 10 | linalool            | 11.64      | 0.00   | 87.82    | 30.60  | 87.82   | 1.69   |
| 11 |                     | 12.77      | 0.00   | 5.55     | 1.72   | 5.55    | 0.11   |
| 12 |                     | 13.13      | 0.00   | 3.34     | 1.12   | 3.34    | 0.06   |
| 13 | trans-verbenol      | 13.39      | 0.00   | 19.24    | 5.74   | 19.24   | 0.37   |
| 14 | isopulegol          | 13.55      | 0.00   | 5.88     | 1.90   | 5.88    | 0.11   |
| 15 | citronellal         | 13.71      | 0.00   | 259.49   | 83.50  | 259.49  | 5.01   |
| 16 |                     | 13.83      | 0.00   | 6.78     | 1.93   | 6.78    | 0.13   |
| 17 |                     | 14.17      | 0.00   | 29.75    | 5.01   | 29.75   | 0.57   |
| 18 | alpha terpineol     | 14.50      | 0.00   | 76.86    | 24.15  | 76.86   | 1.48   |
| 19 |                     | 14.58      | 0.00   | 4.75     | 1.48   | 4.75    | 0.09   |
| 20 |                     | 14.88      | 0.00   | 6.92     | 1.92   | 6.92    | 0.13   |
| 21 |                     | 15.22      | 0.00   | 4.44     | 1.33   | 4.44    | 0.09   |
| 22 | nerol               | 16.77      | 0.00   | 133.53   | 35.53  | 133.53  | 2.58   |
| 23 | citronellol         | 17.24      | 0.00   | 188.72   | 56.78  | 188.72  | 3.64   |
| 24 | neral/geraniol      | 18.00      | 0.00   | 2926.49  | 372.52 | 2926.49 | 56.47  |
| 25 | geranial            | 18.48      | 0.00   | 336.32   | 97.40  | 336.32  | 6.49   |
| 26 |                     | 19.40      | 0.00   | 9.84     | 2.90   | 9.84    | 0.19   |
| 27 |                     | 19.73      | 0.00   | 18.07    | 5.63   | 18.07   | 0.35   |
| 28 | citronellyl acetate | 21.76      | 0.00   | 32.12    | 9.96   | 32.12   | 0.62   |
| 29 |                     | 22.19      | 0.00   | 7.23     | 1.58   | 7.23    | 0.14   |
| 30 | geranyl acetate     | 22.99      | 0.00   | 398.84   | 111.93 | 398.84  | 7.70   |
| 31 |                     | 23.27      | 0.00   | 18.21    | 5.32   | 18.21   | 0.35   |
| 32 | beta caryophyllene  | 24.30      | 0.00   | 176.15   | 49.32  | 176.15  | 3.40   |
| 33 |                     | 24.94      | 0.00   | 33.31    | 9.97   | 33.31   | 0.64   |
| 34 |                     | 25.22      | 0.00   | 4.17     | 1.21   | 4.17    | 0.08   |
| 35 |                     | 25.58      | 0.00   | 23.38    | 6.49   | 23.38   | 0.45   |
| 36 |                     | 26.63      | 0.00   | 5.28     | 1.49   | 5.28    | 0.10   |
| 37 |                     | 27.37      | 0.00   | 6.21     | 1.81   | 6.21    | 0.12   |
| 38 |                     | 27.87      | 0.00   | 11.04    | 3.04   | 11.04   | 0.21   |
| 39 | geramcrene D        | 28.22      | 0.00   | 22.25    | 5.99   | 22.25   | 0.43   |
| 40 | elemol              | 30.32      | 0.00   | 36.70    | 8.28   | 36.70   | 0.71   |

|                         |                                |                                  |
|-------------------------|--------------------------------|----------------------------------|
| 3311                    | Instrument 6890                | C:\HPCHEM\2\DATA\2022\33110000.D |
| Citronella ORG          | HP-5 5% Phenyl Methyl Siloxane |                                  |
| 3311-IBHL               | 30.000m                        |                                  |
| INDIA                   | 250.000um                      |                                  |
| Cymbopogon nardus       | 0.250um                        |                                  |
| Injection Amount: 0.2uL |                                |                                  |
| 20:1 Split Ratio        |                                |                                  |

|                      |            |
|----------------------|------------|
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| #     | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|-------|---------------|------------|--------|----------|--------|------|--------|
| ----- |               |            |        |          |        |      |        |
| ----- |               |            |        |          |        |      |        |

