

4511

Instrument 6890

C:\HPCHEM\2\DATA\2024\  
45110000.D

Peppermint ORG

4511-CBZA

India

Mentha piperita

Sample/Solvent: 0.06g/0.51g

Injection Amount: 0.2uL

20:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane

30.000m

250.000um

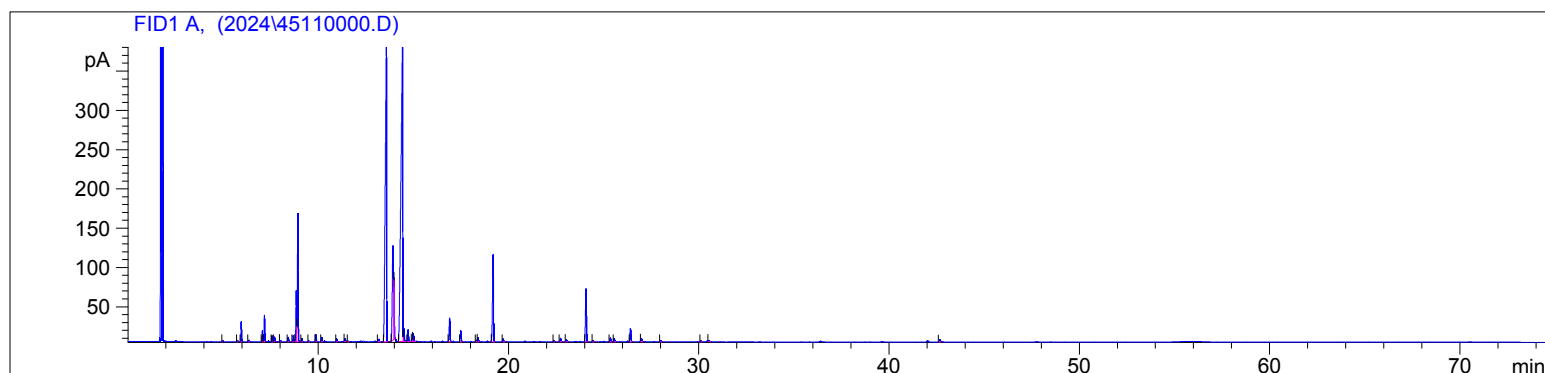
0.250um

3/29/2024 11:40:04 AM

3/29/2024 11:40:04 AM

3/29/2024

1:54:56 PM



| #  | Compound Name           | Meas. Ret. | Amount | Response | Height | Area    | Area % |
|----|-------------------------|------------|--------|----------|--------|---------|--------|
| 1  |                         | 4.98       | 0.00   | 2.18     | 1.18   | 2.18    | 0.03   |
| 2  |                         | 5.75       | 0.00   | 2.99     | 1.47   | 2.99    | 0.04   |
| 3  | alpha thujene           | 5.95       | 0.00   | 56.29    | 25.88  | 56.29   | 0.79   |
| 4  | alpha pinene            | 6.35       | 0.00   | 5.31     | 2.06   | 5.31    | 0.08   |
| 5  | sabinene                | 7.06       | 0.00   | 32.57    | 13.80  | 32.57   | 0.46   |
| 6  | beta pinene             | 7.16       | 0.00   | 83.03    | 33.60  | 83.03   | 1.17   |
| 7  | myrcene                 | 7.57       | 0.00   | 18.09    | 7.67   | 18.09   | 0.26   |
| 8  | 3-octanol               | 7.70       | 0.00   | 14.61    | 5.96   | 14.61   | 0.21   |
| 9  |                         | 8.01       | 0.00   | 3.93     | 1.34   | 3.93    | 0.06   |
| 10 |                         | 8.42       | 0.00   | 14.56    | 5.73   | 14.56   | 0.21   |
| 11 | delta-3-carene          | 8.68       | 0.00   | 20.52    | 7.75   | 20.52   | 0.29   |
| 12 | para cymene             | 8.84       | 0.00   | 187.21   | 65.00  | 187.21  | 2.64   |
| 13 | d-limonene              | 8.92       | 0.00   | 435.66   | 162.81 | 435.66  | 6.15   |
| 14 | 1.8 cineol              | 9.14       | 0.00   | 10.39    | 4.10   | 10.39   | 0.15   |
| 15 | cis-beta ocimene        | 9.51       | 0.00   | 3.68     | 1.44   | 3.68    | 0.05   |
| 16 | trans-beta ocimene      | 9.89       | 0.00   | 25.44    | 9.44   | 25.44   | 0.36   |
| 17 | gamma terpinene         | 10.19      | 0.00   | 16.44    | 5.81   | 16.44   | 0.23   |
| 18 | cis-sabinene hydrate    | 10.98      | 0.00   | 10.68    | 3.61   | 10.68   | 0.15   |
| 19 |                         | 11.42      | 0.00   | 12.27    | 4.00   | 12.27   | 0.17   |
| 20 |                         | 11.57      | 0.00   | 2.81     | 0.99   | 2.81    | 0.04   |
| 21 | rans-para-menth-2-en-ol | 13.19      | 0.00   | 11.76    | 3.20   | 11.76   | 0.17   |
| 22 | menthone                | 13.59      | 0.00   | 1883.04  | 380.36 | 1883.04 | 26.58  |
| 23 | isomenthone             | 13.94      | 0.00   | 514.46   | 120.13 | 514.46  | 7.26   |
| 24 | menthofuran             | 13.98      | 0.00   | 150.46   | 77.35  | 150.46  | 2.12   |
| 25 | menthol                 | 14.44      | 0.00   | 2450.83  | 380.37 | 2450.83 | 34.59  |
| 26 | terpin-4-ol             | 14.51      | 0.00   | 54.46    | 16.87  | 54.46   | 0.77   |
| 27 |                         | 14.73      | 0.00   | 46.57    | 15.29  | 46.57   | 0.66   |
| 28 | alpha terpineol         | 14.95      | 0.00   | 8.92     | 3.26   | 8.92    | 0.13   |
| 29 | citronellol             | 15.01      | 0.00   | 25.99    | 9.38   | 25.99   | 0.37   |
| 30 | pulegone                | 16.92      | 0.00   | 99.54    | 29.93  | 99.54   | 1.41   |
| 31 | piperitone              | 17.50      | 0.00   | 45.30    | 13.78  | 45.30   | 0.64   |
| 32 |                         | 18.32      | 0.00   | 6.04     | 1.95   | 6.04    | 0.09   |
| 33 | neomenthyl acetate      | 18.41      | 0.00   | 16.85    | 5.05   | 16.85   | 0.24   |
| 34 | menthyl acetate         | 19.20      | 0.00   | 388.51   | 110.58 | 388.51  | 5.48   |
| 35 | isomenthyl acetate      | 19.73      | 0.00   | 11.64    | 3.60   | 11.64   | 0.16   |
| 36 |                         | 22.40      | 0.00   | 4.60     | 1.44   | 4.60    | 0.06   |
| 37 |                         | 22.74      | 0.00   | 15.63    | 4.40   | 15.63   | 0.22   |
| 38 |                         | 23.05      | 0.00   | 9.06     | 2.65   | 9.06    | 0.13   |
| 39 | beta caryophyllene      | 24.08      | 0.00   | 238.34   | 67.28  | 238.34  | 3.36   |
| 40 |                         | 24.45      | 0.00   | 4.79     | 1.40   | 4.79    | 0.07   |





