

4511

Instrument 6890

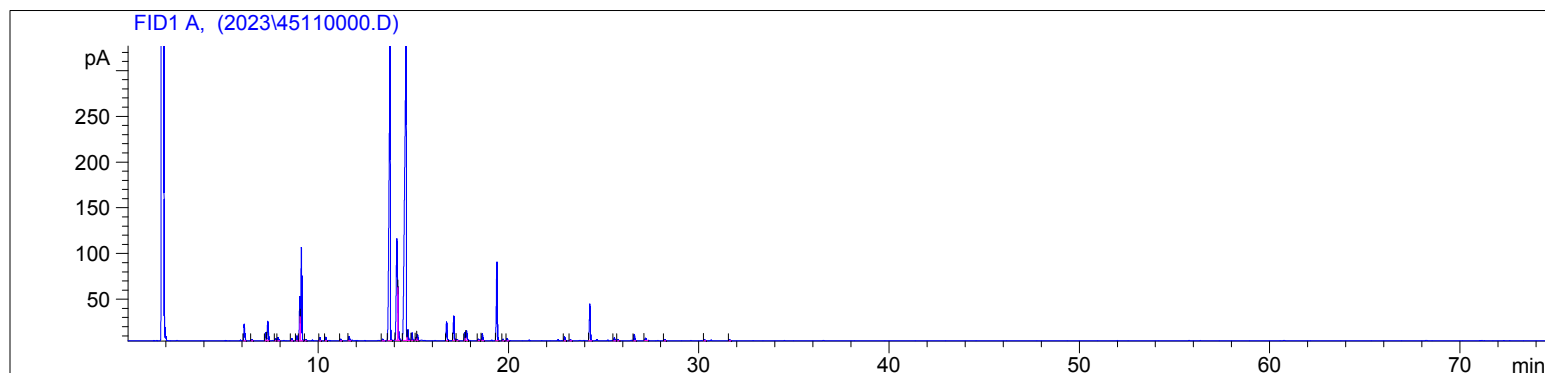
C:\HPCHEM\2\DATA\2023\  
45110000.D

Peppermint Organic  
4511-CADN  
India  
Mentha piperita  
Sample/Solvent: 0.09g/0.51g  
Injection Amount: 0.2uL  
15:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane  
30.000m  
250.000um  
0.250um

3/16/2023 9:40:13 AM  
3/16/2023 9:40:13 AM

3/16/2023  
12:43:01 PM



| #  | Compound Name              | Meas. Ret. | Amount | Response | Height | Area    | Area % |
|----|----------------------------|------------|--------|----------|--------|---------|--------|
| 1  | alpha pinene               | 6.10       | 0.00   | 60.30    | 18.12  | 60.30   | 1.05   |
| 2  | camphene                   | 6.51       | 0.00   | 4.88     | 1.38   | 4.88    | 0.09   |
| 3  | sabinene                   | 7.23       | 0.00   | 29.21    | 8.69   | 29.21   | 0.51   |
| 4  | beta pinene                | 7.34       | 0.00   | 75.66    | 21.28  | 75.66   | 1.32   |
| 5  | myrcene                    | 7.75       | 0.00   | 8.58     | 2.50   | 8.58    | 0.15   |
| 6  | 3-octanol                  | 7.88       | 0.00   | 12.80    | 3.58   | 12.80   | 0.22   |
| 7  | delta-3-carene             | 8.60       | 0.00   | 7.24     | 2.11   | 7.24    | 0.13   |
| 8  | para cymene                | 8.87       | 0.00   | 18.67    | 5.37   | 18.67   | 0.33   |
| 9  | d-limonene                 | 9.03       | 0.00   | 156.01   | 48.29  | 156.01  | 2.72   |
| 10 | 1,8-cineol                 | 9.11       | 0.00   | 342.82   | 101.64 | 342.82  | 5.98   |
| 11 | cis-beta ocimene           | 9.33       | 0.00   | 5.09     | 1.58   | 5.09    | 0.09   |
| 12 | gamma terpinene            | 10.09      | 0.00   | 12.41    | 3.77   | 12.41   | 0.22   |
| 13 | cis-sabinene hydrate       | 10.39      | 0.00   | 13.63    | 4.02   | 13.63   | 0.24   |
| 14 | terpinolene                | 11.19      | 0.00   | 6.16     | 1.77   | 6.16    | 0.11   |
| 15 | linalool                   | 11.63      | 0.00   | 16.42    | 4.51   | 16.42   | 0.29   |
| 16 | trans-para-menth-2-en-1-ol | 13.40      | 0.00   | 7.04     | 1.76   | 7.04    | 0.12   |
| 17 | menthone                   | 13.78      | 0.00   | 1476.63  | 327.03 | 1476.63 | 25.76  |
| 18 | isomenthone                | 14.14      | 0.00   | 473.95   | 111.22 | 473.95  | 8.27   |
| 19 | menthofuran                | 14.19      | 0.00   | 131.20   | 58.78  | 131.20  | 2.29   |
| 20 | menthol                    | 14.63      | 0.00   | 1987.10  | 340.53 | 1987.10 | 34.67  |
| 21 | terpinen-4-ol              | 14.72      | 0.00   | 41.24    | 11.31  | 41.24   | 0.72   |
| 22 |                            | 14.94      | 0.00   | 24.88    | 8.09   | 24.88   | 0.43   |
| 23 |                            | 15.15      | 0.00   | 9.33     | 3.25   | 9.33    | 0.16   |
| 24 | alpha terpineol            | 15.22      | 0.00   | 21.13    | 6.63   | 21.13   | 0.37   |
| 25 |                            | 16.75      | 0.00   | 67.52    | 20.25  | 67.52   | 1.18   |
| 26 | pulegone                   | 17.13      | 0.00   | 87.76    | 26.57  | 87.76   | 1.53   |
| 27 |                            | 17.31      | 0.00   | 3.48     | 1.13   | 3.48    | 0.06   |
| 28 | piperitone                 | 17.72      | 0.00   | 29.12    | 8.88   | 29.12   | 0.51   |
| 29 |                            | 17.80      | 0.00   | 39.11    | 10.62  | 39.11   | 0.68   |
| 30 |                            | 18.42      | 0.00   | 3.68     | 1.36   | 3.68    | 0.06   |
| 31 | neomenthyl acetate         | 18.63      | 0.00   | 24.47    | 7.21   | 24.47   | 0.43   |
| 32 | menthyl acetate            | 19.40      | 0.00   | 295.36   | 85.63  | 295.36  | 5.15   |
| 33 |                            | 19.72      | 0.00   | 4.97     | 1.51   | 4.97    | 0.09   |
| 34 | isomenthyl acetate         | 19.94      | 0.00   | 7.67     | 2.38   | 7.67    | 0.13   |
| 35 |                            | 22.95      | 0.00   | 14.56    | 4.06   | 14.56   | 0.25   |
| 36 |                            | 23.26      | 0.00   | 4.71     | 1.40   | 4.71    | 0.08   |

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|----|--------------------|------------|--------|----------|--------|--------|--------|
| 37 | beta caryophyllene | 24.28      | 0.00   | 141.10   | 40.07  | 141.10 | 2.46   |
| 38 |                    | 25.57      | 0.00   | 11.60    | 3.27   | 11.60  | 0.20   |
| 39 |                    | 25.76      | 0.00   | 4.54     | 1.32   | 4.54   | 0.08   |
| 40 | germacrene D       | 26.62      | 0.00   | 24.00    | 6.80   | 24.00  | 0.42   |
| 41 |                    | 27.21      | 0.00   | 10.27    | 2.36   | 10.27  | 0.18   |
| 42 |                    | 28.21      | 0.00   | 5.65     | 1.53   | 5.65   | 0.10   |
| 43 |                    | 30.31      | 0.00   | 4.20     | 1.15   | 4.20   | 0.07   |
| 44 |                    | 31.62      | 0.00   | 5.72     | 1.58   | 5.72   | 0.10   |





30

30.306

31.616

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