

4511 DZGD

Instrument 6890

C:\HPCHEM\2\DATA\2026\
45110000.D

Peppermint Org

HP-5 5% Phenyl Methyl Siloxane

4511 DZGD

30.000m

Mentha Piperita

250.000um

India

0.250um

Sample/Solvent: 0.05g /0.5g

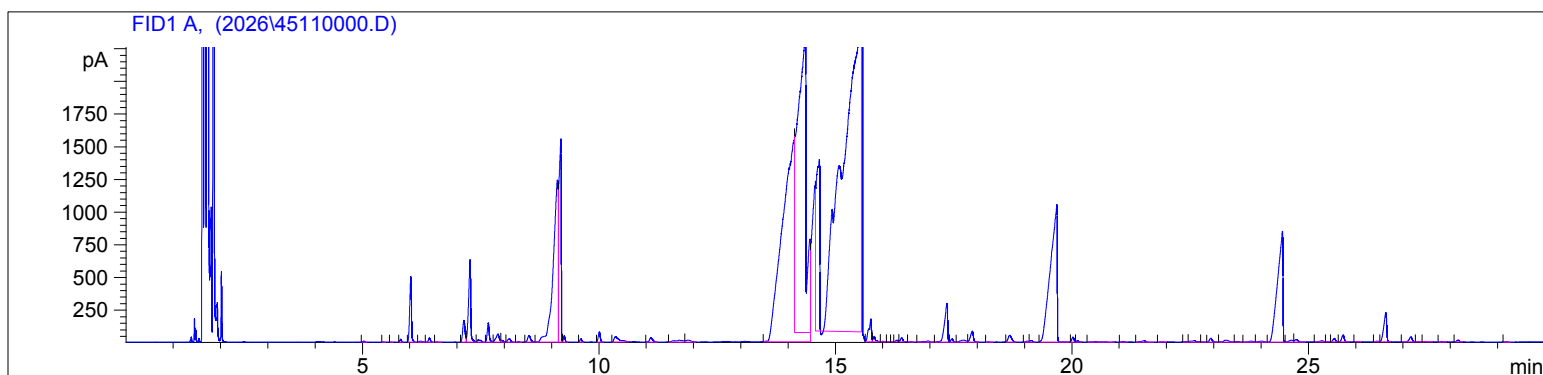
Injection Amount: 0.2uL

4/13/2026 1:49:39 PM

4/13/2026

4/13/2026 1:49:39 PM

3:13:00 PM



| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|----------------------|------------|--------|----------|---------|----------|--------|
| 1 | | 5.03 | 0.00 | 20.17 | 8.02 | 20.17 | 0.01 |
| 2 | | 5.45 | 0.00 | 5.03 | 2.43 | 5.03 | 0.00 |
| 3 | | 5.62 | 0.00 | 4.34 | 2.14 | 4.34 | 0.00 |
| 4 | Alpha Thujene | 5.81 | 0.00 | 51.04 | 22.48 | 51.04 | 0.03 |
| 5 | Alpha Pinene | 6.03 | 0.00 | 1277.86 | 498.60 | 1277.86 | 0.74 |
| 6 | | 6.23 | 0.00 | 35.21 | 8.41 | 35.21 | 0.02 |
| 7 | Camphene | 6.42 | 0.00 | 90.20 | 30.90 | 90.20 | 0.05 |
| 8 | | 6.57 | 0.00 | 6.67 | 2.92 | 6.67 | 0.00 |
| 9 | Sabinene | 7.15 | 0.00 | 566.73 | 166.65 | 566.73 | 0.33 |
| 10 | Beta Pinene | 7.28 | 0.00 | 1999.71 | 629.88 | 1999.71 | 1.16 |
| 11 | | 7.45 | 0.00 | 91.17 | 18.29 | 91.17 | 0.05 |
| 12 | Myrcene | 7.66 | 0.00 | 420.89 | 145.68 | 420.89 | 0.24 |
| 13 | 3-Octanol | 7.87 | 0.00 | 294.74 | 61.22 | 294.74 | 0.17 |
| 14 | | 7.95 | 0.00 | 54.93 | 14.92 | 54.93 | 0.03 |
| 15 | Delta 3 Carene | 8.11 | 0.00 | 116.73 | 26.09 | 116.73 | 0.07 |
| 16 | | 8.30 | 0.00 | 15.48 | 4.84 | 15.48 | 0.01 |
| 17 | Para Cymene | 8.53 | 0.00 | 219.72 | 50.11 | 219.72 | 0.13 |
| 18 | d-Limonene | 9.13 | 0.00 | 8990.41 | 1237.73 | 8990.41 | 5.20 |
| 19 | 1.8 Cineol | 9.20 | 0.00 | 5267.87 | 1556.63 | 5267.87 | 3.05 |
| 20 | Cis Beta Ocimene | 9.27 | 0.00 | 124.87 | 47.95 | 124.87 | 0.07 |
| 21 | | 9.62 | 0.00 | 65.94 | 24.38 | 65.94 | 0.04 |
| 22 | Trans Beta Ocimene | 10.01 | 0.00 | 235.03 | 79.47 | 235.03 | 0.14 |
| 23 | Gamma Terpinene | 10.35 | 0.00 | 315.56 | 42.17 | 315.56 | 0.18 |
| 24 | Cis Sabinene Hydrate | 11.10 | 0.00 | 152.38 | 33.21 | 152.38 | 0.09 |
| 25 | | 11.70 | 0.00 | 171.34 | 13.63 | 171.34 | 0.10 |
| 26 | | 11.89 | 0.00 | 115.86 | 15.09 | 115.86 | 0.07 |
| 27 | Menthone | 13.47 | 0.00 | 28953.22 | 0.57 | 28953.22 | 16.74 |
| 28 | Isomenthone | 14.37 | 0.00 | 29689.60 | 2261.19 | 29689.60 | 17.16 |
| 29 | Menthol | 15.55 | 0.00 | 70611.27 | 2370.57 | 70611.27 | 40.82 |
| 30 | Terpin-4-ol | 15.74 | 0.00 | 695.97 | 172.59 | 695.97 | 0.40 |
| 31 | Alpha Terpineol | 15.82 | 0.00 | 146.30 | 42.77 | 146.30 | 0.08 |
| 32 | | 16.00 | 0.00 | 23.13 | 4.83 | 23.13 | 0.01 |
| 33 | | 16.11 | 0.00 | 6.15 | 1.92 | 6.15 | 0.00 |
| 34 | | 16.21 | 0.00 | 5.33 | 1.95 | 5.33 | 0.00 |
| 35 | | 16.30 | 0.00 | 45.35 | 12.52 | 45.35 | 0.03 |
| 36 | | 16.40 | 0.00 | 106.44 | 30.63 | 106.44 | 0.06 |
| 37 | | 16.59 | 0.00 | 9.92 | 2.77 | 9.92 | 0.01 |
| 38 | | 16.95 | 0.00 | 70.52 | 8.51 | 70.52 | 0.04 |
| 39 | Pulegon | 17.36 | 0.00 | 1411.90 | 296.67 | 1411.90 | 0.82 |
| 40 | | 17.47 | 0.00 | 77.80 | 24.78 | 77.80 | 0.04 |

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HP-5 5% Phenyl Methyl Siloxane

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Mentha Piperita

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India

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Sample/Solvent: 0.05g /0.5g

Injection Amount: 0.2uL

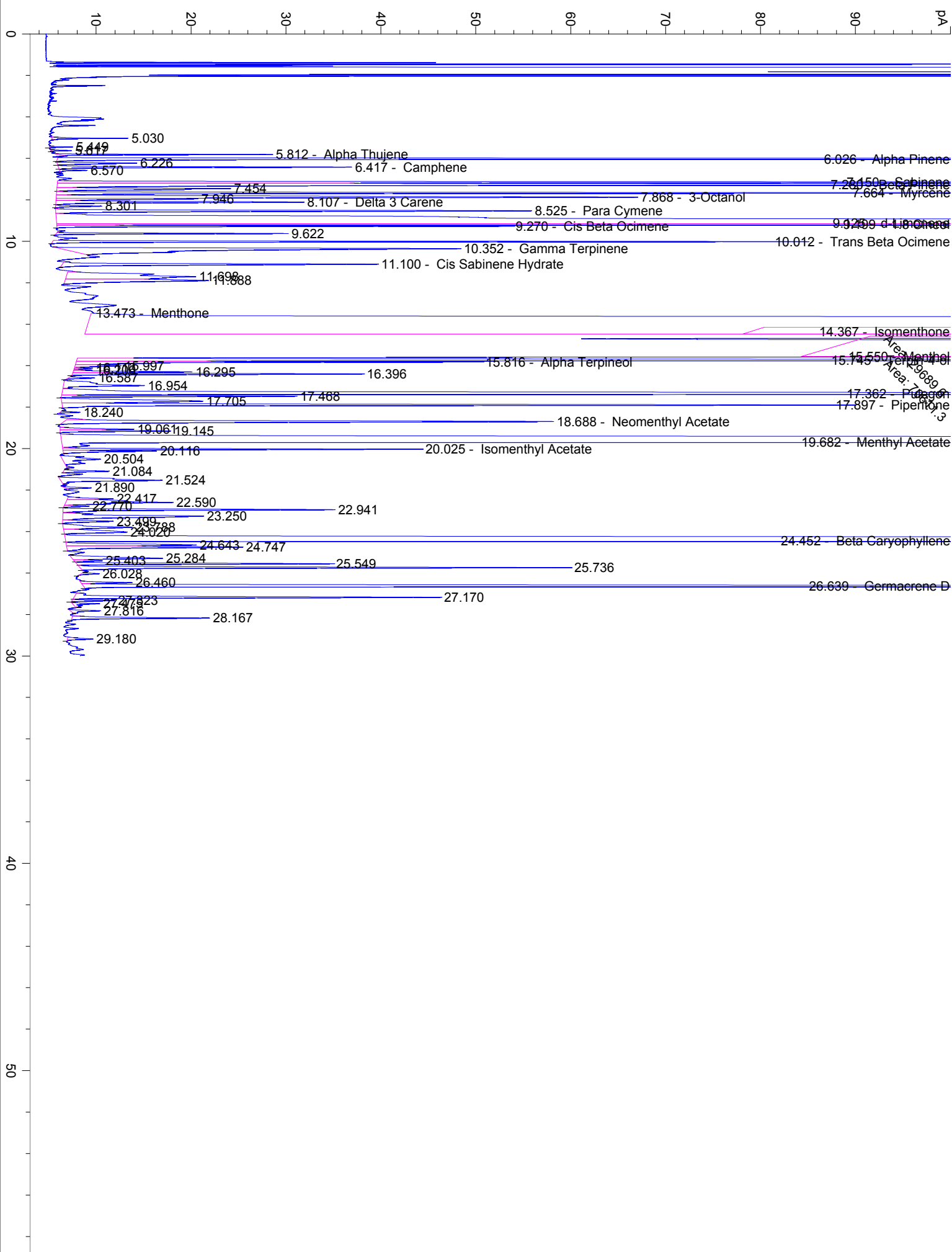
4/13/2026 1:49:39 PM

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4/13/2026 1:49:39 PM

3:13:00 PM

| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|--------------------|------------|--------|----------|---------|----------|--------|
| 41 | | 17.71 | 0.00 | 122.92 | 14.88 | 122.92 | 0.07 |
| 42 | Piperitone | 17.90 | 0.00 | 355.07 | 83.27 | 355.07 | 0.21 |
| 43 | | 18.24 | 0.00 | 6.17 | 2.06 | 6.17 | 0.00 |
| 44 | Neomenthyl Acetate | 18.69 | 0.00 | 266.88 | 51.51 | 266.88 | 0.15 |
| 45 | | 19.06 | 0.00 | 32.62 | 7.75 | 32.62 | 0.02 |
| 46 | | 19.15 | 0.00 | 45.09 | 11.61 | 45.09 | 0.03 |
| 47 | Menthyl Acetate | 19.68 | 0.00 | 10325.54 | 1048.64 | 10325.54 | 5.97 |
| 48 | Isomenthyl Acetate | 20.02 | 0.00 | 118.63 | 37.84 | 118.63 | 0.07 |
| 49 | | 20.12 | 0.00 | 40.11 | 9.85 | 40.11 | 0.02 |
| 50 | | 20.50 | 0.00 | 52.89 | 4.02 | 52.89 | 0.03 |
| 51 | | 21.08 | 0.00 | 20.94 | 4.80 | 20.94 | 0.01 |
| 52 | | 21.52 | 0.00 | 79.36 | 10.70 | 79.36 | 0.05 |
| 53 | | 21.89 | 0.00 | 9.51 | 2.79 | 9.51 | 0.01 |
| 54 | | 22.42 | 0.00 | 19.93 | 4.83 | 19.93 | 0.01 |
| 55 | | 22.59 | 0.00 | 92.24 | 11.29 | 92.24 | 0.05 |
| 56 | | 22.77 | 0.00 | 10.25 | 2.64 | 10.25 | 0.01 |
| 57 | | 22.94 | 0.00 | 120.16 | 28.60 | 120.16 | 0.07 |
| 58 | | 23.25 | 0.00 | 117.38 | 14.81 | 117.38 | 0.07 |
| 59 | | 23.50 | 0.00 | 27.58 | 5.31 | 27.58 | 0.02 |
| 60 | | 23.79 | 0.00 | 49.51 | 7.25 | 49.51 | 0.03 |
| 61 | | 24.02 | 0.00 | 54.23 | 6.64 | 54.23 | 0.03 |
| 62 | Beta Caryophyllene | 24.45 | 0.00 | 6646.75 | 838.80 | 6646.75 | 3.84 |
| 63 | | 24.64 | 0.00 | 75.09 | 13.66 | 75.09 | 0.04 |
| 64 | | 24.75 | 0.00 | 101.03 | 18.51 | 101.03 | 0.06 |
| 65 | | 25.28 | 0.00 | 59.01 | 9.54 | 59.01 | 0.03 |
| 66 | | 25.40 | 0.00 | 12.10 | 2.98 | 12.10 | 0.01 |
| 67 | | 25.55 | 0.00 | 99.04 | 26.96 | 99.04 | 0.06 |
| 68 | | 25.74 | 0.00 | 197.43 | 51.72 | 197.43 | 0.11 |
| 69 | | 26.03 | 0.00 | 6.36 | 1.85 | 6.36 | 0.00 |
| 70 | | 26.46 | 0.00 | 21.00 | 5.40 | 21.00 | 0.01 |
| 71 | Germacrene D | 26.64 | 0.00 | 944.69 | 223.03 | 944.69 | 0.55 |
| 72 | | 27.17 | 0.00 | 173.90 | 38.64 | 173.90 | 0.10 |
| 73 | | 27.32 | 0.00 | 16.06 | 4.47 | 16.06 | 0.01 |
| 74 | | 27.47 | 0.00 | 14.09 | 2.88 | 14.09 | 0.01 |
| 75 | | 27.82 | 0.00 | 14.03 | 3.18 | 14.03 | 0.01 |
| 76 | | 28.17 | 0.00 | 60.38 | 14.47 | 60.38 | 0.03 |
| 77 | | 29.18 | 0.00 | 11.51 | 2.68 | 11.51 | 0.01 |



Area: 29989
Peak: 3