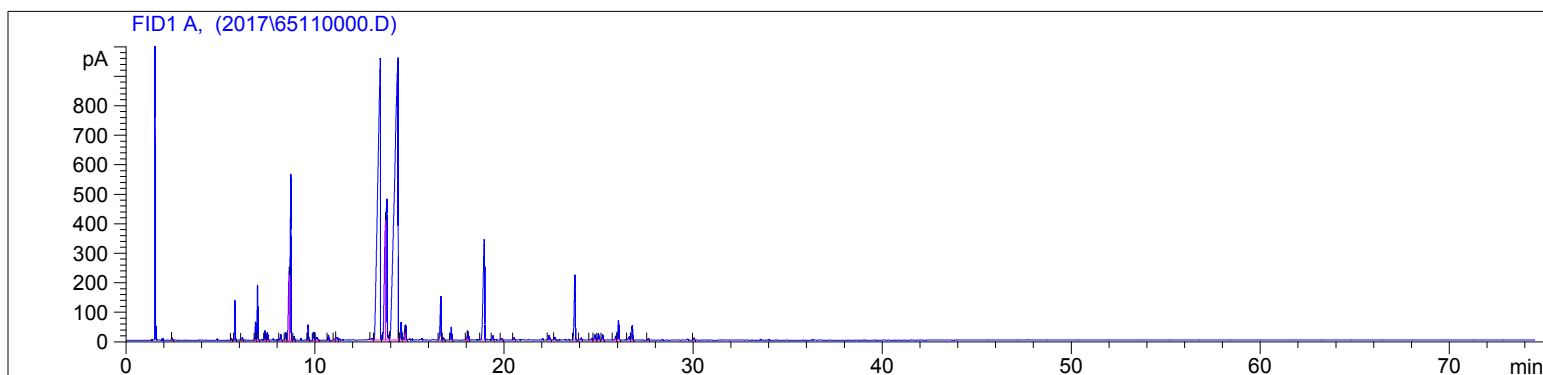


Peppermint, FairTrade (Organic0
6511-BBAGU
India
mentha piperita
Sample/CH2CL2: 0.10g/0.32g
Injection: 0.2uL

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

2/20/2017 5:13:14 PM
2/20/2017 5:13:14 PM

2/21/2017
11:36:41 AM



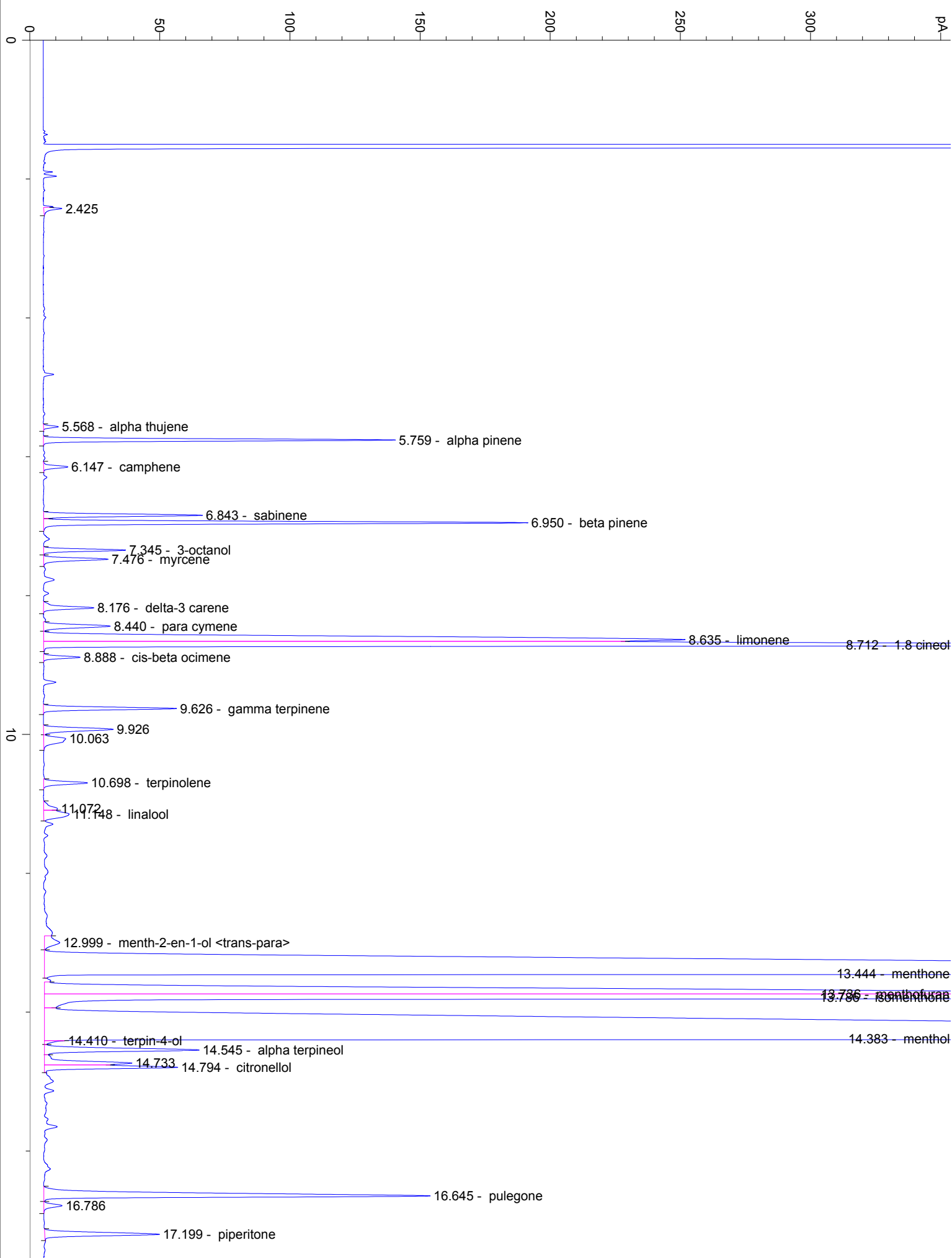
| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|-----------------------------|------------|--------|----------|--------|----------|--------|
| 1 | | 2.43 | 0.00 | 16.01 | 6.96 | 16.01 | 0.04 |
| 2 | alpha thujene | 5.57 | 100.00 | 12.21 | 5.68 | 12.21 | 0.03 |
| 3 | alpha pinene | 5.76 | 100.00 | 302.28 | 135.16 | 302.28 | 0.85 |
| 4 | camphene | 6.15 | 100.00 | 25.52 | 9.33 | 25.52 | 0.07 |
| 5 | sabinene | 6.84 | 100.00 | 152.57 | 60.99 | 152.57 | 0.43 |
| 6 | beta pinene | 6.95 | 100.00 | 466.89 | 185.96 | 466.89 | 1.31 |
| 7 | 3-octanol | 7.35 | 100.00 | 76.37 | 31.53 | 76.37 | 0.21 |
| 8 | myrcene | 7.48 | 0.00 | 70.94 | 24.81 | 70.94 | 0.20 |
| 9 | delta-3 carene | 8.18 | 100.00 | 57.38 | 19.31 | 57.38 | 0.16 |
| 10 | para cymene | 8.44 | 100.00 | 85.34 | 25.68 | 85.34 | 0.24 |
| 11 | limonene | 8.64 | 100.00 | 1064.89 | 246.45 | 1064.89 | 2.98 |
| 12 | 1.8 cineol | 8.71 | 100.00 | 1783.53 | 561.11 | 1783.53 | 5.00 |
| 13 | cis-beta ocimene | 8.89 | 100.00 | 35.56 | 14.05 | 35.56 | 0.10 |
| 14 | trans-beta ocimene | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | gamma terpinene | 9.63 | 100.00 | 136.38 | 51.17 | 136.38 | 0.38 |
| 16 | | 9.93 | 0.00 | 89.36 | 26.79 | 89.36 | 0.25 |
| 17 | | 10.06 | 0.00 | 52.11 | 8.50 | 52.11 | 0.15 |
| 18 | terpinolene | 10.70 | 100.00 | 51.15 | 16.83 | 51.15 | 0.14 |
| 19 | | 11.07 | 0.00 | 21.77 | 5.35 | 21.77 | 0.06 |
| 20 | linalool | 11.15 | 100.00 | 58.07 | 9.78 | 58.07 | 0.16 |
| 21 | menth-2-en-1-ol <trans-para | 13.00 | 100.00 | 39.70 | 5.87 | 39.70 | 0.11 |
| 22 | menthone | 13.44 | 100.00 | 9227.24 | 950.21 | 9227.24 | 25.85 |
| 23 | menthofuran | 13.74 | 100.00 | 1980.83 | 408.34 | 1980.83 | 5.55 |
| 24 | isomenthone | 13.79 | 0.00 | 2110.61 | 476.93 | 2110.61 | 5.91 |
| 25 | menthol | 14.38 | 100.00 | 12578.67 | 952.43 | 12578.67 | 35.25 |
| 26 | terpin-4-ol | 14.41 | 100.00 | 10.36 | 7.74 | 10.36 | 0.03 |
| 27 | alpha terpineol | 14.54 | 100.00 | 192.01 | 59.41 | 192.01 | 0.54 |
| 28 | | 14.73 | 0.00 | 110.66 | 33.57 | 110.66 | 0.31 |
| 29 | citronellol | 14.79 | 100.00 | 148.31 | 51.19 | 148.31 | 0.42 |
| 30 | pulegone | 16.64 | 100.00 | 542.32 | 148.40 | 542.32 | 1.52 |
| 31 | | 16.79 | 0.00 | 22.81 | 7.00 | 22.81 | 0.06 |
| 32 | piperitone | 17.20 | 100.00 | 144.11 | 44.07 | 144.11 | 0.40 |
| 33 | | 18.03 | 0.00 | 30.88 | 11.06 | 30.88 | 0.09 |
| 34 | | 18.09 | 0.00 | 97.74 | 28.27 | 97.74 | 0.27 |
| 35 | menthyl acetate | 18.94 | 100.00 | 1966.02 | 340.74 | 1966.02 | 5.51 |
| 36 | | 19.40 | 0.00 | 48.05 | 14.91 | 48.05 | 0.13 |
| 37 | | 19.87 | 0.00 | 24.82 | 6.67 | 24.82 | 0.07 |

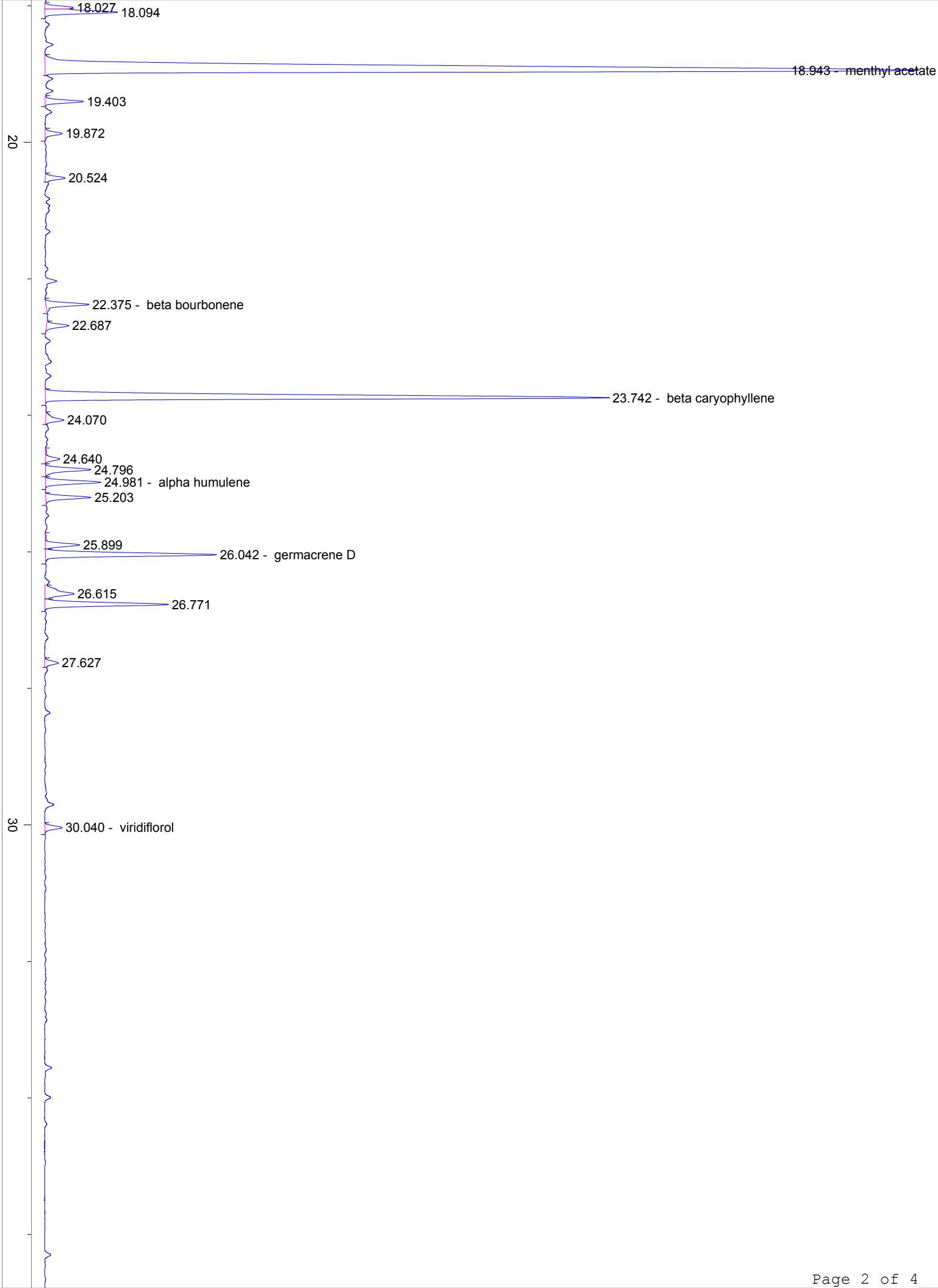
6511-BBAGU

Instrument 6890

C:\HPCHEM\2\DATA\2017\
65110000.DPeppermint, FairTrade (Organic0
6511-BBAGU
India
mentha piperita
Sample/CH2CL2: 0.10g/0.32g
Injection: 0.2uLHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um2/20/2017 5:13:14 PM
2/20/2017 5:13:14 PM2/21/2017
11:36:41 AM

| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|--------------------|------------|--------|----------|--------|--------|--------|
| 38 | | 20.52 | 0.00 | 28.16 | 7.74 | 28.16 | 0.08 |
| 39 | beta bourbonene | 22.38 | 100.00 | 60.48 | 16.78 | 60.48 | 0.17 |
| 40 | | 22.69 | 0.00 | 32.48 | 8.69 | 32.48 | 0.09 |
| 41 | beta caryophyllene | 23.74 | 100.00 | 905.90 | 220.15 | 905.90 | 2.54 |
| 42 | | 24.07 | 0.00 | 30.69 | 7.08 | 30.69 | 0.09 |
| 43 | | 24.64 | 0.00 | 21.74 | 5.54 | 21.74 | 0.06 |
| 44 | | 24.80 | 0.00 | 67.79 | 17.66 | 67.79 | 0.19 |
| 45 | alpha humulene | 24.98 | 100.00 | 78.16 | 21.60 | 78.16 | 0.22 |
| 46 | | 25.20 | 0.00 | 59.91 | 17.62 | 59.91 | 0.17 |
| 47 | | 25.90 | 0.00 | 49.08 | 13.44 | 49.08 | 0.14 |
| 48 | germacrene D | 26.04 | 100.00 | 242.14 | 66.81 | 242.14 | 0.68 |
| 49 | | 26.61 | 0.00 | 62.58 | 11.39 | 62.58 | 0.18 |
| 50 | | 26.77 | 0.00 | 172.14 | 48.23 | 172.14 | 0.48 |
| 51 | | 27.63 | 0.00 | 20.49 | 5.32 | 20.49 | 0.06 |
| 52 | viridiflorol | 30.04 | 0.00 | 23.97 | 6.62 | 23.97 | 0.07 |





40

50

60

70

min