

4752-ABEK

Instrument 6890

C:\HPCHEM\2\DATA\2021\  
47520000.DRosemary Camphor/Borneol Organic  
4752-ABEK  
Tunisia  
Rosmarinus officinalis ct.  
borneolHP-5 5% Phenyl Methyl Siloxane  
30.000m  
250.000um  
0.250um

Sample/Solvent: 0.06g/0.50g

Injection Amount: 0.2uL

20:1 Split Ratio

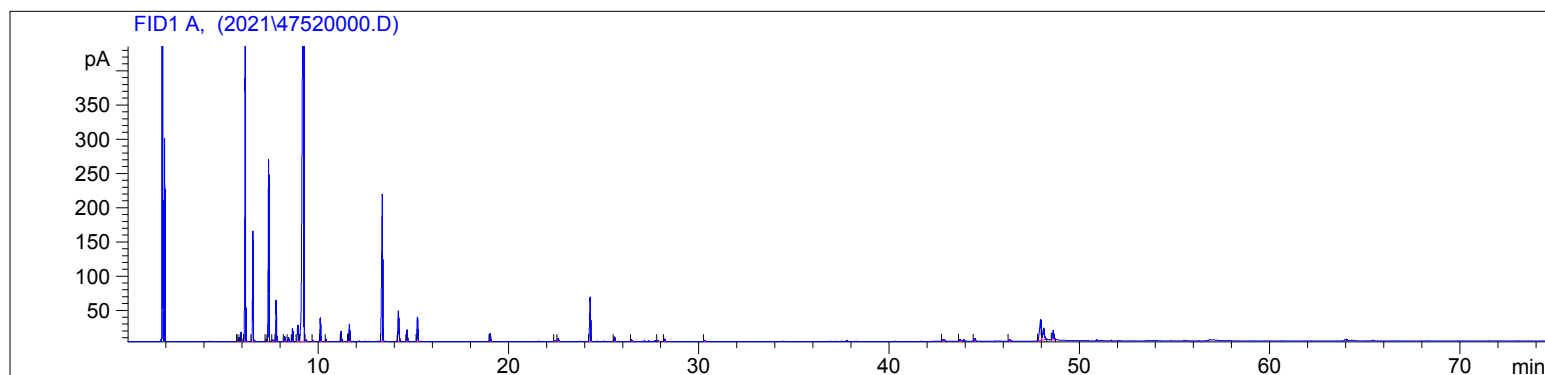
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1/26/2021 10:55:31 AM

1/26/2021 10:55:31 AM

1/26/2021

12:52:29 PM



| #  | Compound Name      | Meas. Ret. | Amount | Response | Height | Area    | Area % |
|----|--------------------|------------|--------|----------|--------|---------|--------|
| 1  |                    | 5.75       | 100.00 | 1.53     | 0.72   | 1.53    | 0.02   |
| 2  | alpha thujene      | 5.83       | 100.00 | 13.39    | 5.97   | 13.39   | 0.15   |
| 3  |                    | 5.94       | 100.00 | 29.92    | 13.54  | 29.92   | 0.33   |
| 4  | alpha pinene       | 6.16       | 100.00 | 1038.71  | 435.23 | 1038.71 | 11.37  |
| 5  | camphene           | 6.56       | 100.00 | 389.02   | 161.42 | 389.02  | 4.26   |
| 6  | sabinene           | 7.26       | 100.00 | 10.04    | 3.98   | 10.04   | 0.11   |
| 7  | beta pinene        | 7.39       | 100.00 | 682.59   | 265.08 | 682.59  | 7.47   |
| 8  | 3-octanone         | 7.61       | 100.00 | 5.67     | 2.21   | 5.67    | 0.06   |
| 9  | myrcene            | 7.78       | 100.00 | 147.05   | 60.16  | 147.05  | 1.61   |
| 10 | alpha phellandrene | 8.23       | 100.00 | 20.58    | 7.22   | 20.58   | 0.23   |
| 11 | delta-3-carene     | 8.43       | 100.00 | 15.93    | 5.88   | 15.93   | 0.17   |
| 12 | alpha terpinene    | 8.64       | 100.00 | 53.62    | 19.13  | 53.62   | 0.59   |
| 13 | para-cymene        | 8.92       | 100.00 | 93.07    | 23.63  | 93.07   | 1.02   |
| 14 | 1.8 cineol         | 9.23       | 100.00 | 4519.76  | 924.81 | 4519.76 | 49.49  |
| 15 | cis-beta ocimene   | 9.36       | 100.00 | 5.97     | 2.13   | 5.97    | 0.07   |
| 16 | trans-beta ocimene | 9.73       | 100.00 | 4.60     | 1.77   | 4.60    | 0.05   |
| 17 | gamma terpinene    | 10.12      | 100.00 | 93.31    | 34.40  | 93.31   | 1.02   |
| 18 |                    | 10.42      | 100.00 | 9.72     | 3.42   | 9.72    | 0.11   |
| 19 | terpinolene        | 11.21      | 100.00 | 43.62    | 14.71  | 43.62   | 0.48   |
| 20 |                    | 11.56      | 100.00 | 2.13     | 1.54   | 2.13    | 0.02   |
| 21 | linalool           | 11.65      | 100.00 | 75.08    | 25.24  | 75.08   | 0.82   |
| 22 | camphor            | 13.38      | 100.00 | 797.71   | 214.27 | 797.71  | 8.73   |
| 23 | borneol            | 14.22      | 100.00 | 168.80   | 44.26  | 168.80  | 1.85   |
| 24 | terpinen-4-ol      | 14.68      | 100.00 | 53.32    | 16.89  | 53.32   | 0.58   |
| 25 | alpha terpineol    | 15.22      | 100.00 | 115.30   | 35.50  | 115.30  | 1.26   |
| 26 | bornyl acetate     | 19.04      | 100.00 | 37.51    | 11.53  | 37.51   | 0.41   |
| 27 |                    | 22.44      | 100.00 | 3.98     | 1.17   | 3.98    | 0.04   |
| 28 |                    | 22.62      | 100.00 | 14.23    | 4.16   | 14.23   | 0.16   |
| 29 | beta caryophyllene | 24.30      | 100.00 | 232.70   | 64.75  | 232.70  | 2.55   |
| 30 | alpha humulene     | 25.58      | 100.00 | 23.29    | 6.66   | 23.29   | 0.25   |
| 31 |                    | 26.47      | 100.00 | 8.73     | 2.64   | 8.73    | 0.10   |

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47520000.D

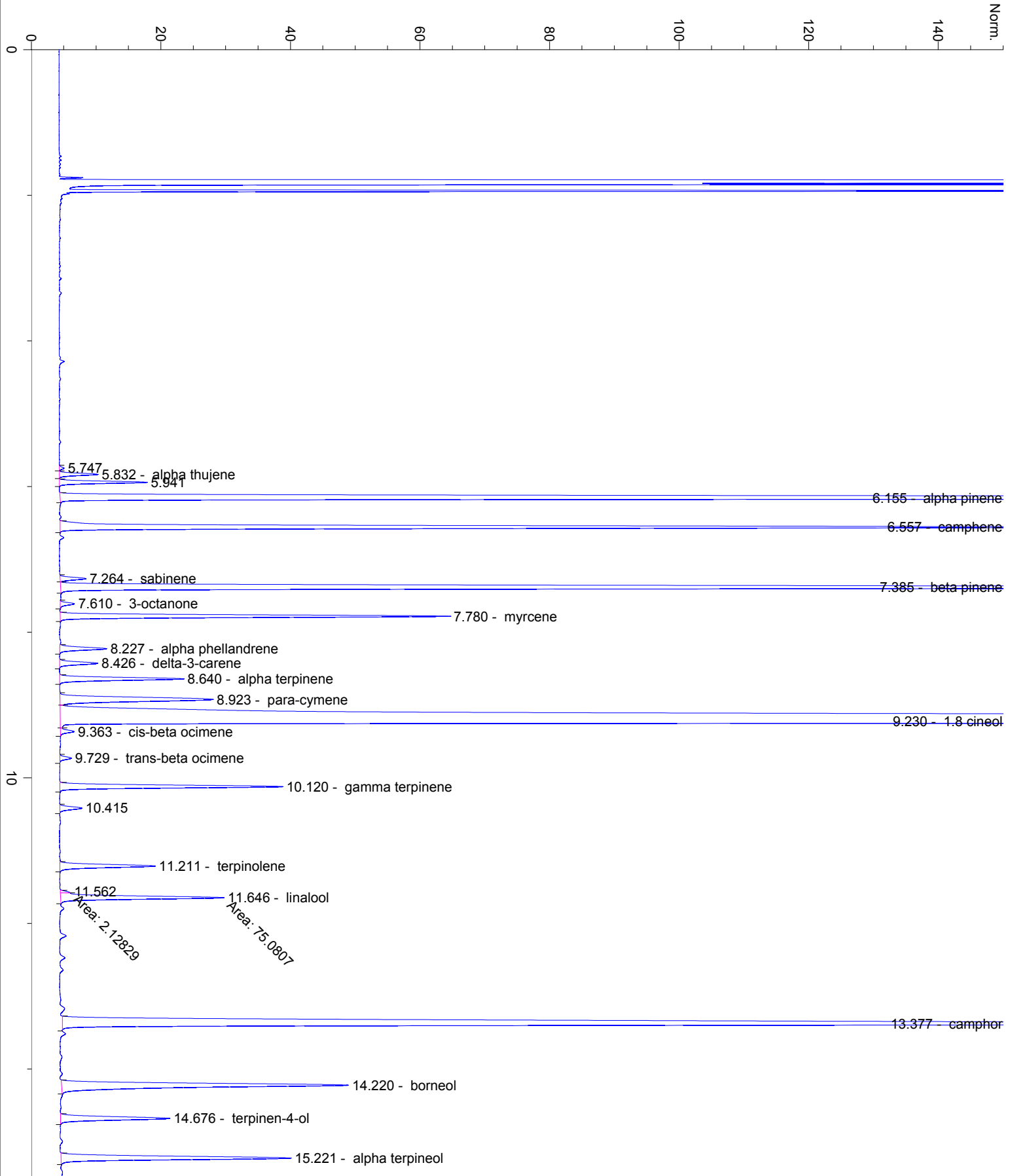
Rosemary Camphor/Borneol Organic HP-5 5% Phenyl Methyl Siloxane  
4752-ABEK 30.000m  
Tunisia 250.000um  
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borneol

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| #  | Compound Name       | Meas. Ret. | Amount | Response | Height | Area   | Area % |
|----|---------------------|------------|--------|----------|--------|--------|--------|
| 32 |                     | 27.86      | 100.00 | 4.65     | 1.32   | 4.65   | 0.05   |
| 33 |                     | 28.21      | 100.00 | 13.02    | 3.54   | 13.02  | 0.14   |
| 34 | caryophyllene oxide | 30.31      | 100.00 | 4.31     | 1.21   | 4.31   | 0.05   |
| 35 |                     | 42.84      | 100.00 | 14.47    | 2.60   | 14.47  | 0.16   |
| 36 |                     | 43.72      | 100.00 | 10.59    | 2.67   | 10.59  | 0.12   |
| 37 |                     | 44.49      | 100.00 | 14.69    | 3.84   | 14.69  | 0.16   |
| 38 |                     | 46.32      | 100.00 | 10.58    | 2.43   | 10.58  | 0.12   |
| 39 |                     | 47.96      | 100.00 | 183.98   | 30.11  | 183.98 | 2.01   |
| 40 |                     | 48.11      | 100.00 | 102.88   | 17.26  | 102.88 | 1.13   |
| 41 |                     | 48.62      | 100.00 | 62.59    | 13.87  | 62.59  | 0.69   |



Area: 2.12829

Area: 75.0807

