

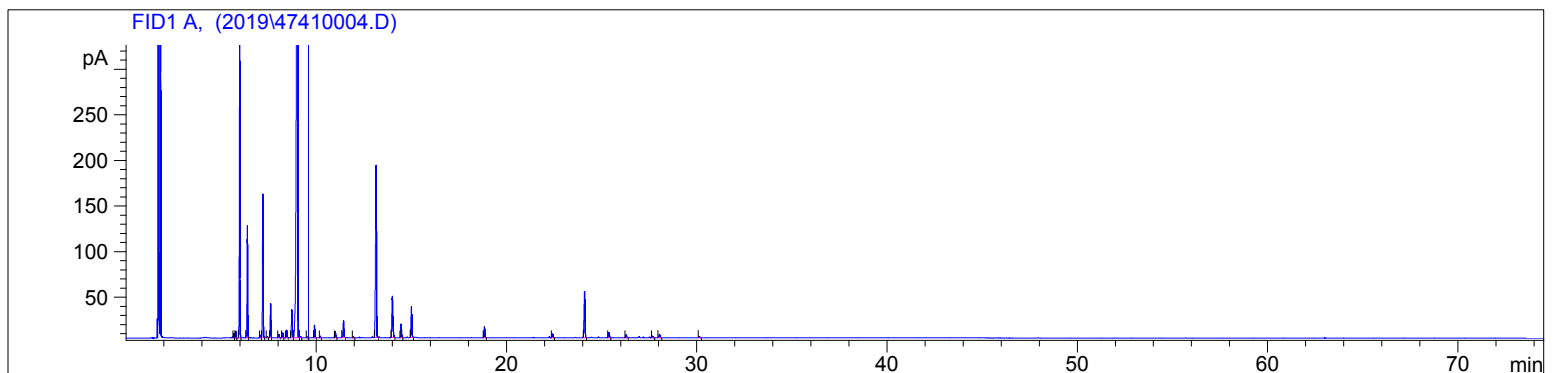
4741-GGABZ

Instrument 6890

C:\HPCHEM\2\DATA\2019\
47410004.DRosemary Cineol Organic
4741-GGABZ
Tunisia
Rosmarinus officinalisHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

Sample/Solvent: 0.06/0.60g

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7/15/2019 9:30:43 AM
7/15/2019 9:30:43 AM7/15/2019
10:54:07 AM

| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|----------------------|------------|--------|----------|--------|---------|--------|
| 1 | tricyclene | 5.66 | 100.00 | 9.51 | 4.53 | 9.51 | 0.15 |
| 2 | alpha thujene | 5.77 | 100.00 | 16.27 | 7.70 | 16.27 | 0.25 |
| 3 | alpha pinene | 5.97 | 100.00 | 735.27 | 326.32 | 735.27 | 11.38 |
| 4 | camphene | 6.37 | 100.00 | 287.34 | 122.66 | 287.34 | 4.45 |
| 5 | sabinene | 7.08 | 100.00 | 6.43 | 2.75 | 6.43 | 0.10 |
| 6 | beta pinene | 7.19 | 100.00 | 390.15 | 157.77 | 390.15 | 6.04 |
| 7 | | 7.43 | 100.00 | 3.48 | 1.34 | 3.48 | 0.05 |
| 8 | myrcene | 7.59 | 100.00 | 90.79 | 37.49 | 90.79 | 1.40 |
| 9 | alpha phellandrene | 8.03 | 100.00 | 10.53 | 3.73 | 10.53 | 0.16 |
| 10 | alpha terpinene | 8.23 | 100.00 | 13.72 | 5.29 | 13.72 | 0.21 |
| 11 | para cymene | 8.44 | 100.00 | 22.43 | 8.49 | 22.43 | 0.35 |
| 12 | d-limonene | 8.71 | 100.00 | 106.00 | 30.88 | 106.00 | 1.64 |
| 13 | 1,8 cineol | 9.01 | 100.00 | 3252.59 | 759.25 | 3252.59 | 50.33 |
| 14 | cis-beta ocimene | 9.17 | 100.00 | 3.24 | 1.03 | 3.24 | 0.05 |
| 15 | trans-beta ocimene | 9.53 | 100.00 | 108.67 | 0.93 | 108.67 | 1.68 |
| 16 | gamma terpinene | 9.92 | 100.00 | 36.83 | 13.63 | 36.83 | 0.57 |
| 17 | cis-sabinene hydrate | 10.21 | 100.00 | 5.25 | 1.88 | 5.25 | 0.08 |
| 18 | terpinolene | 11.01 | 100.00 | 21.75 | 7.02 | 21.75 | 0.34 |
| 19 | linalool | 11.44 | 100.00 | 56.27 | 18.57 | 56.27 | 0.87 |
| 20 | | 11.96 | 100.00 | 3.36 | 1.12 | 3.36 | 0.05 |
| 21 | camphor | 13.16 | 100.00 | 671.90 | 188.56 | 671.90 | 10.40 |
| 22 | borneol | 14.01 | 100.00 | 167.70 | 45.24 | 167.70 | 2.59 |
| 23 | terpin-4-ol | 14.47 | 100.00 | 47.75 | 14.95 | 47.75 | 0.74 |
| 24 | verbenone | 15.01 | 100.00 | 107.74 | 33.59 | 107.74 | 1.67 |
| 25 | bornyl acetate | 18.85 | 100.00 | 38.76 | 11.72 | 38.76 | 0.60 |
| 26 | | 22.43 | 100.00 | 13.48 | 4.02 | 13.48 | 0.21 |
| 27 | beta caryophyllene | 24.11 | 100.00 | 179.81 | 50.58 | 179.81 | 2.78 |
| 28 | alpha humulene | 25.39 | 100.00 | 19.49 | 5.65 | 19.49 | 0.30 |

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47410004.D

Rosemary Cineol Organic

HP-5 5% Phenyl Methyl Siloxane

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30.000m

Tunisia

250.000um

Rosmarinus officinalis

0.250um

Sample/Solvent: 0.06/0.60g

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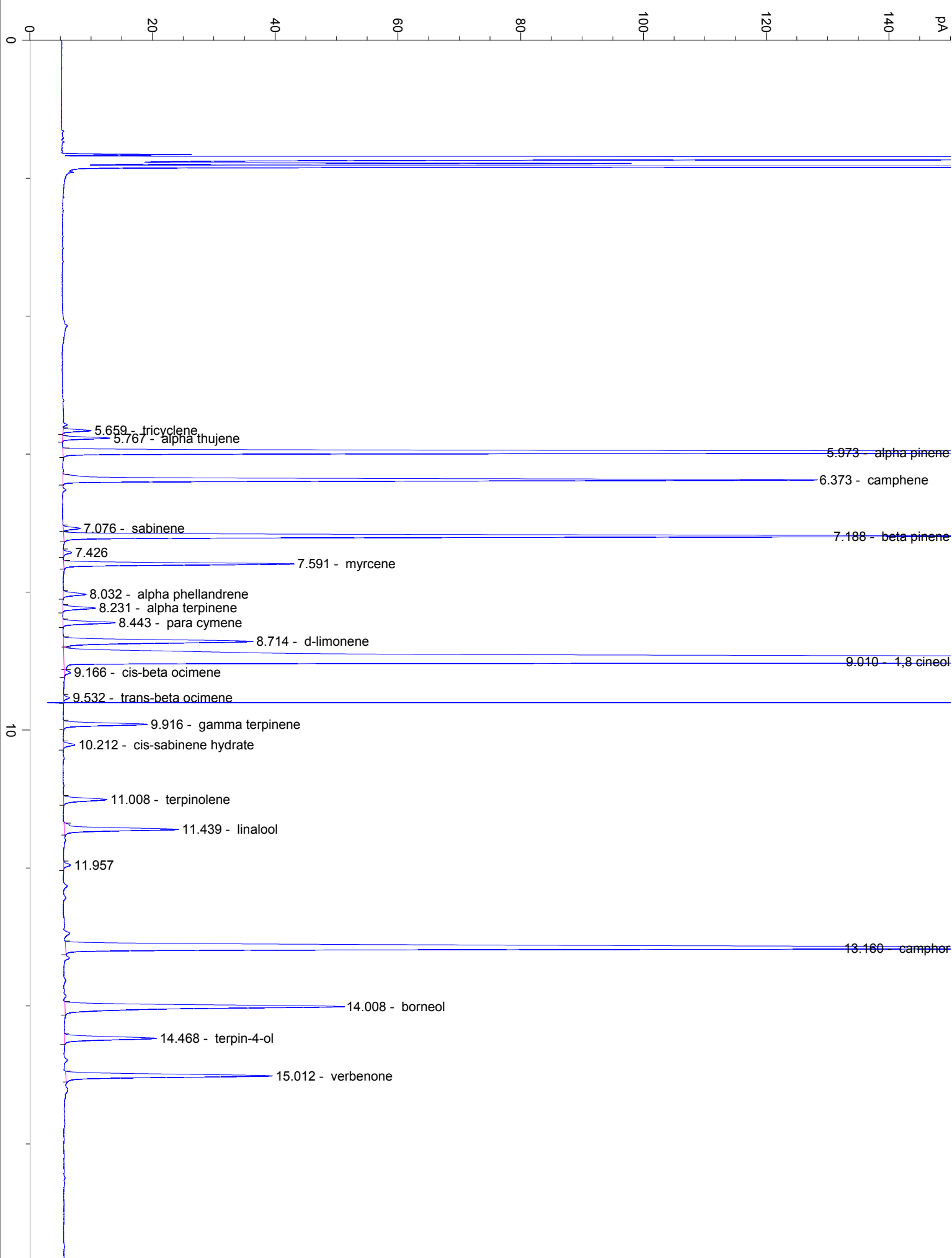
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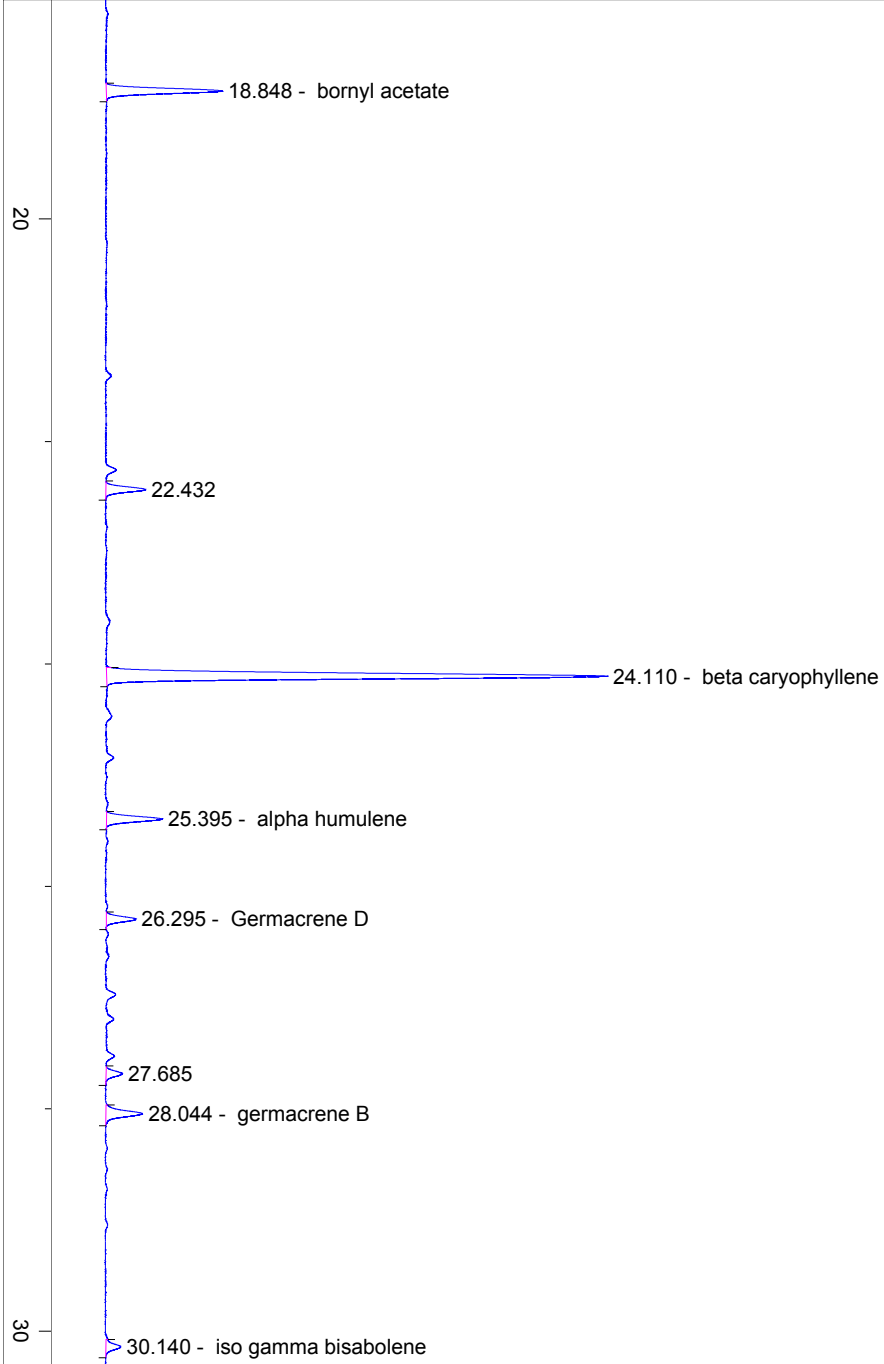
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|----|----------------------|------------|--------|----------|--------|-------|--------|
| 29 | Germacrene D | 26.29 | 100.00 | 10.11 | 2.99 | 10.11 | 0.16 |
| 30 | | 27.68 | 100.00 | 5.77 | 1.63 | 5.77 | 0.09 |
| 31 | germacrene B | 28.04 | 100.00 | 14.67 | 3.69 | 14.67 | 0.23 |
| 32 | iso gamma bisabolene | 30.14 | 100.00 | 5.69 | 1.48 | 5.69 | 0.09 |





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