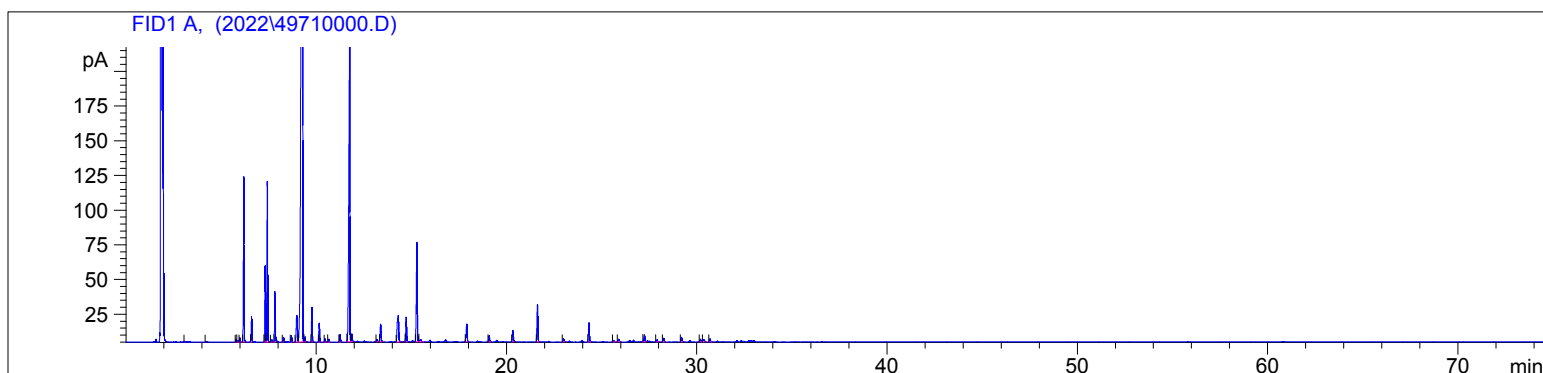


4971

Instrument 6890

C:\HPCHEM\2\DATA\2022\  
49710000.DMarjoram Spanish Organic  
4971-LBZL  
Spain  
Thymus mastichina  
Injection Amount: 0.2uL  
15:1 Split RatioHP-5 5% Phenyl Methyl Siloxane  
30.000m  
250.000um  
0.250um12/21/2022 11:48:53 AM  
12/21/2022 11:48:53 AM12/27/2022  
1:54:44 PM

| #  | Compound Name          | Meas. Ret. | Amount | Response | Height | Area    | Area % |
|----|------------------------|------------|--------|----------|--------|---------|--------|
| 1  |                        | 3.08       | 0.00   | 1.01     | 0.60   | 1.01    | 0.01   |
| 2  |                        | 4.19       | 0.00   | 0.65     | 0.49   | 0.65    | 0.01   |
| 3  |                        | 5.79       | 0.00   | 4.55     | 2.05   | 4.55    | 0.07   |
| 4  |                        | 5.87       | 0.00   | 2.43     | 0.93   | 2.43    | 0.04   |
| 5  | alpha thujene          | 5.98       | 0.00   | 6.59     | 3.02   | 6.59    | 0.10   |
| 6  | alpha pinene           | 6.18       | 0.00   | 272.64   | 118.84 | 272.64  | 3.98   |
| 7  | camphene               | 6.59       | 0.00   | 43.65    | 18.35  | 43.65   | 0.64   |
| 8  | sabinene               | 7.31       | 0.00   | 138.07   | 54.81  | 138.07  | 2.02   |
| 9  | beta pinene            | 7.42       | 0.00   | 292.75   | 115.25 | 292.75  | 4.28   |
| 10 |                        | 7.66       | 0.00   | 4.69     | 1.65   | 4.69    | 0.07   |
| 11 | myrcene                | 7.82       | 0.00   | 90.86    | 36.12  | 90.86   | 1.33   |
| 12 | alpha phellandrene     | 8.27       | 0.00   | 8.91     | 3.20   | 8.91    | 0.13   |
| 13 | alpha terpinene        | 8.69       | 0.00   | 13.43    | 4.66   | 13.43   | 0.20   |
| 14 | para cymene            | 8.97       | 0.00   | 78.00    | 19.08  | 78.00   | 1.14   |
| 15 | 1,8-cineol             | 9.27       | 0.00   | 4110.22  | 873.12 | 4110.22 | 60.06  |
| 16 | cis-beta ocimene       | 9.41       | 0.00   | 10.20    | 3.57   | 10.20   | 0.15   |
| 17 | trans-beta ocimene     | 9.78       | 0.00   | 65.02    | 24.81  | 65.02   | 0.95   |
| 18 | gamma terpinene        | 10.17      | 0.00   | 37.28    | 13.56  | 37.28   | 0.54   |
| 19 |                        | 10.47      | 0.00   | 6.82     | 2.38   | 6.82    | 0.10   |
| 20 |                        | 10.67      | 0.00   | 6.08     | 2.05   | 6.08    | 0.09   |
| 21 | terpinolene            | 11.26      | 0.00   | 16.90    | 5.22   | 16.90   | 0.25   |
| 22 | linalool               | 11.76      | 0.00   | 843.19   | 217.37 | 843.19  | 12.32  |
| 23 | cis-sabinene hydrate   | 11.88      | 0.00   | 15.78    | 5.43   | 15.78   | 0.23   |
| 24 | trans-pinocarveol      | 13.20      | 0.00   | 5.78     | 1.70   | 5.78    | 0.08   |
| 25 | camphor                | 13.39      | 0.00   | 41.35    | 12.66  | 41.35   | 0.60   |
| 26 | borneol                | 14.32      | 0.00   | 102.97   | 18.92  | 102.97  | 1.50   |
| 27 | terpin-4-ol            | 14.74      | 0.00   | 54.85    | 17.60  | 54.85   | 0.80   |
| 28 | alpha terpineol        | 15.30      | 0.00   | 244.50   | 71.48  | 244.50  | 3.57   |
| 29 |                        | 15.47      | 0.00   | 8.82     | 1.39   | 8.82    | 0.13   |
| 30 | nerol                  | 17.92      | 0.00   | 46.13    | 12.73  | 46.13   | 0.67   |
| 31 | linalyl acetate        | 19.09      | 0.00   | 15.17    | 4.50   | 15.17   | 0.22   |
| 32 | thymol                 | 20.35      | 0.00   | 26.15    | 8.03   | 26.15   | 0.38   |
| 33 | alpha terpinyl acetate | 21.63      | 0.00   | 88.72    | 26.59  | 88.72   | 1.30   |
| 34 | geranyl acetate        | 23.00      | 0.00   | 7.93     | 2.21   | 7.93    | 0.12   |
| 35 | beta caryophyllene     | 24.34      | 0.00   | 48.57    | 13.80  | 48.57   | 0.71   |
| 36 |                        | 25.63      | 0.00   | 3.86     | 1.05   | 3.86    | 0.06   |
| 37 |                        | 25.90      | 0.00   | 7.00     | 1.84   | 7.00    | 0.10   |
| 38 | germacrene D           | 27.26      | 0.00   | 18.60    | 4.77   | 18.60   | 0.27   |
| 39 |                        | 27.92      | 0.00   | 6.33     | 1.66   | 6.33    | 0.09   |
| 40 | virid florene          | 28.27      | 0.00   | 10.17    | 2.70   | 10.17   | 0.15   |

4971

Instrument 6890

C:\HPCHEM\2\DATA\2022\  
49710000.D

Marjoram Spanish Organic  
4971-LBZL  
Spain  
Thymus mastichina  
Injection Amount: 0.2uL  
15:1 Split Ratio

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

12/21/2022 11:48:53 AM  
12/21/2022 11:48:53 AM

12/27/2022  
1:54:44 PM

| #  | Compound Name  | Meas. Ret. | Amount | Response | Height | Area  | Area % |
|----|----------------|------------|--------|----------|--------|-------|--------|
| 41 | delta cadinene | 29.20      | 0.00   | 12.86    | 3.36   | 12.86 | 0.19   |
| 42 | globulol       | 30.19      | 0.00   | 7.14     | 1.88   | 7.14  | 0.10   |
| 43 |                | 30.37      | 0.00   | 8.31     | 1.74   | 8.31  | 0.12   |
| 44 |                | 30.70      | 0.00   | 8.29     | 2.23   | 8.29  | 0.12   |

