



Data File W:\TASIC252 2019-08-16 12-52-43\SIG10001017.D

Sample Name: Lavandula sp

Instrument 1 16.08.2019 13:27:31

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=====
Acq. Operator   : Slavoljub Tasic                Seq. Line :    2
Acq. Instrument : Instrument 1                    Location  : Vial 102
Injection Date  : 16.08.2019 12:56:34           Inj       :    1
                                                    Inj Volume: 2 µl

Acq. Method     : C:\CHEM32\1\DATA\TASIC252 2019-08-16 12-52-43\TASIC4.M
Last changed    : 29.03.2018 12:48:39 by Slavoljub Tasic
Analysis Method : C:\CHEM32\1\METHODS\DEF_GC.M
Last changed    : 16.08.2019 12:57:16
                  (modified after loading)
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Sample Info : SANICULA CO

Area Percent Report

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Sorted By      : Signal
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
Signal 1: FID1 A, Front Signal
```

| Peak # | RetTime [min] | Type | Width [min] | Area [pA*s] | Height [pA] | Area %  |                        |
|--------|---------------|------|-------------|-------------|-------------|---------|------------------------|
| 1      | 7.001         | BV   | 0.0466      | 9.51331     | 3.13533     | 0.06120 |                        |
| 2      | 7.087         | VB   | 0.0503      | 37.84218    | 11.76947    | 0.24345 | α-thujene              |
| 3      | 7.276         | BB   | 0.0503      | 107.50761   | 33.40399    | 0.69162 | α-pinene               |
| 4      | 7.671         | BB   | 0.0525      | 120.09400   | 35.98798    | 0.77259 | camphene               |
| 5      | 8.301         | BV   | 0.0545      | 31.20427    | 9.07923     | 0.20074 | β-pinene               |
| 6      | 8.408         | VV   | 0.0495      | 40.43027    | 12.57629    | 0.26010 |                        |
| 7      | 8.468         | VB   | 0.0431      | 26.72455    | 9.31193     | 0.17192 | octen-3-ol             |
| 8      | 8.618         | BV   | 0.0433      | 78.90433    | 28.64971    | 0.50761 |                        |
| 9      | 8.728         | VB   | 0.0480      | 246.58167   | 79.88654    | 1.58631 | myrcene                |
| 10     | 9.158         | BV   | 0.0529      | 39.31659    | 11.67798    | 0.25293 | α-phellandrene         |
| 11     | 9.324         | VB   | 0.0559      | 342.86368   | 96.50008    | 2.20572 | Δ <sup>3</sup> -carene |
| 12     | 9.506         | BB   | 0.0505      | 15.03803    | 4.65250     | 0.09674 |                        |
| 13     | 9.671         | BV   | 0.0476      | 24.15608    | 7.90670     | 0.15540 | o-cymene               |
| 14     | 9.760         | VV   | 0.0522      | 70.49478    | 20.46852    | 0.45351 | p-cymene               |
| 15     | 9.892         | VV   | 0.0657      | 470.66714   | 112.18019   | 3.02791 | limonene               |

|          |        |    |        |            |            |          |                              |
|----------|--------|----|--------|------------|------------|----------|------------------------------|
| 16       | 9.969  | VV | 0.0474 | 616.11853  | 198.63820  | 3.96363  | 1,8-cineole                  |
| 17       | 10.105 | VB | 0.0501 | 1113.15100 | 340.42856  | 7.16115  | cis- $\beta$ -ocimene        |
| 18       | 10.413 | BB | 0.0474 | 484.69345  | 159.54958  | 3.11814  | trans- $\beta$ -ocimene      |
| 19       | 10.767 | BB | 0.0516 | 38.65635   | 11.88138   | 0.24868  | $\gamma$ -terpinene          |
| 20       | 11.094 | BV | 0.0514 | 9.35012    | 2.88458    | 0.06015  |                              |
| 21       | 11.217 | VB | 0.0511 | 28.95370   | 8.64254    | 0.18627  | linalool oxide trans         |
| 22       | 11.607 | BV | 0.0552 | 28.37428   | 7.66261    | 0.18254  |                              |
| 23       | 11.694 | VB | 0.0612 | 54.21708   | 13.75188   | 0.34879  | linalool oxide cis           |
| 24       | 12.194 | BV | 0.0757 | 3792.56519 | 660.99530  | 24.39841 | linalool                     |
| 25       | 12.374 | VB | 0.0462 | 96.59902   | 32.23817   | 0.62144  | octenyl acetate              |
| 26       | 12.958 | BB | 0.0483 | 247.14209  | 79.46320   | 1.58992  | camphor                      |
| 27       | 13.541 | BB | 0.0572 | 85.34402   | 23.24903   | 0.54904  |                              |
| 28       | 13.704 | BB | 0.0555 | 7.40121    | 2.10086    | 0.04761  |                              |
| 29       | 14.099 | BV | 0.0572 | 10.37832   | 2.88468    | 0.06677  |                              |
| 30       | 14.298 | VB | 0.0698 | 474.74725  | 95.86976   | 3.05415  | borneol                      |
| 31       | 14.646 | BB | 0.0554 | 770.63568  | 210.97148  | 4.95767  | terpinene-4-ol               |
| 32       | 14.806 | BV | 0.0529 | 15.44965   | 4.68605    | 0.09939  |                              |
| 33       | 14.929 | VV | 0.0636 | 97.28825   | 24.66996   | 0.62588  | lavandulol                   |
| 34       | 15.076 | VB | 0.0535 | 226.95168  | 66.29941   | 1.46003  | $\alpha$ -terpineol          |
| 35       | 15.627 | BB | 0.0650 | 14.99150   | 3.45387    | 0.09644  |                              |
| 36       | 16.215 | BB | 0.0600 | 45.50342   | 11.64723   | 0.29273  | hexyl isovalerate            |
| 37       | 16.637 | BB | 0.0576 | 12.07640   | 3.38282    | 0.07769  |                              |
| 38       | 17.088 | BB | 0.0680 | 3097.26660 | 618.44647  | 19.92540 | linalyl acetate              |
| 39       | 18.021 | BV | 0.0470 | 39.49184   | 12.85718   | 0.25406  |                              |
| 40       | 18.135 | VB | 0.0531 | 730.64459  | 211.36452  | 4.70040  | lavandulyl acetate           |
| 41       | 20.407 | BB | 0.0529 | 90.73840   | 26.93681   | 0.58374  | neryl acetate                |
| 42       | 21.001 | BB | 0.0524 | 154.67032  | 46.46998   | 0.99503  | geranyl acetate              |
| 43       | 21.228 | BB | 0.0462 | 7.14790    | 2.55587    | 0.04598  |                              |
| 44       | 22.002 | BV | 0.0540 | 17.40577   | 5.02527    | 0.11198  |                              |
| 45       | 22.218 | VB | 0.0636 | 743.13641  | 170.54446  | 4.78076  | $\beta$ -caryophyllene       |
| 46       | 22.606 | BB | 0.0523 | 38.67608   | 11.66674   | 0.24881  | trans- $\alpha$ -bergamotene |
| 47       | 22.980 | BB | 0.0694 | 23.94840   | 4.86353    | 0.15407  |                              |
| 48       | 23.198 | BB | 0.0521 | 391.23865  | 116.24162  | 2.51692  | trans- $\beta$ -farnesene    |
| 49       | 23.490 | BB | 0.0582 | 9.98141    | 2.70748    | 0.06421  |                              |
| 50       | 24.023 | BB | 0.0687 | 51.81351   | 10.97161   | 0.33333  |                              |
| 51       | 24.971 | BB | 0.0560 | 106.39290  | 30.40261   | 0.68445  |                              |
| 52       | 26.962 | BB | 0.0592 | 56.87021   | 15.09068   | 0.36586  | caryophyllene oxide          |
| 53       | 28.544 | BB | 0.0578 | 52.96516   | 14.50670   | 0.34074  |                              |
| Totals : |        |    |        | 1.55443e4  | 3743.18913 |          |                              |

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 \*\*\* End of Report \*\*\*