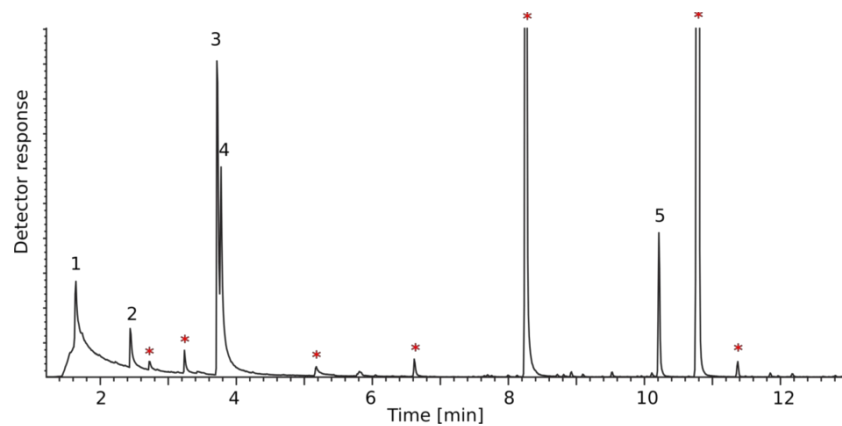


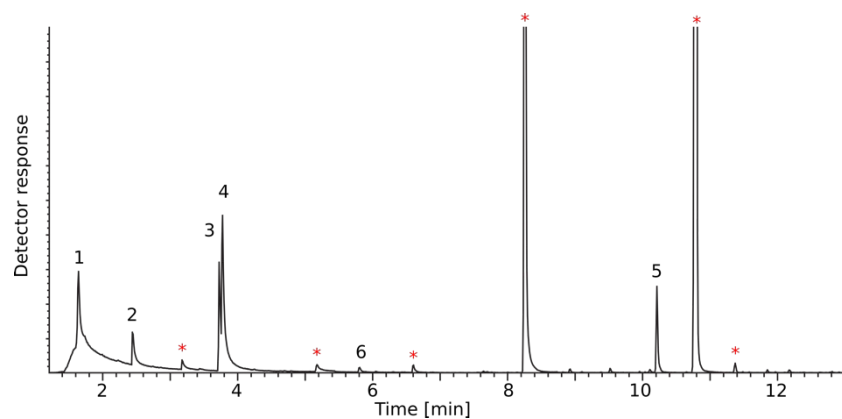
## 1 Appendix A



2

3 **Additional Figure 1.** Volatile organic compounds (VOCs) profiles identified by  
4 means of a GC-MS analysis in cultures of *S. lycopersici* CIDEFI 213 strain  
5 grown on PDB media. Compounds detected on un-inoculated PDB are marked  
6 with red asterisk. Compounds with relative abundance >1 % are numbered in  
7 each chromatogram. 1) Ethyl alcohol. 2) 2-Methyl-1-propanol. 3) Isoamyl  
8 alcohol. 4) 2-methyl-1-butanol. 5) Phenethyl alcohol.

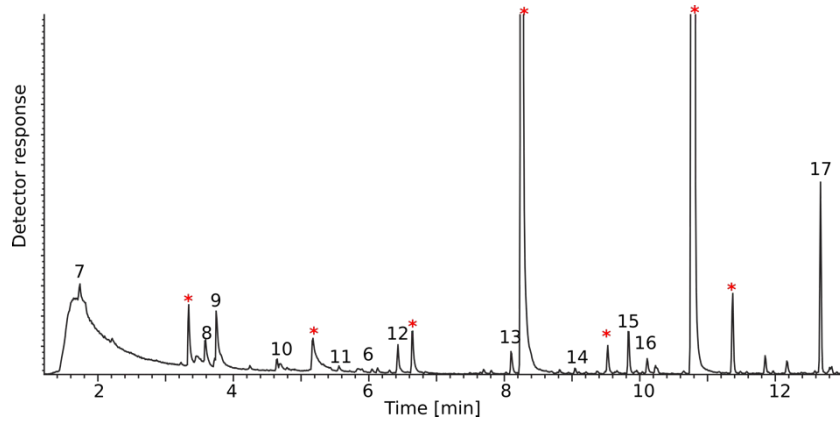
9



10

11 **Additional Figure 2.** Volatile organic compounds (VOCs) profiles identified by  
12 means of a GC-MS analysis in cultures of *S. lycopersici* CIDEFI 216 strain  
13 grown on PDB media. Compounds detected on un-inoculated PDB are marked  
14 with red asterisk. Compounds with relative abundance >1 % are numbered in

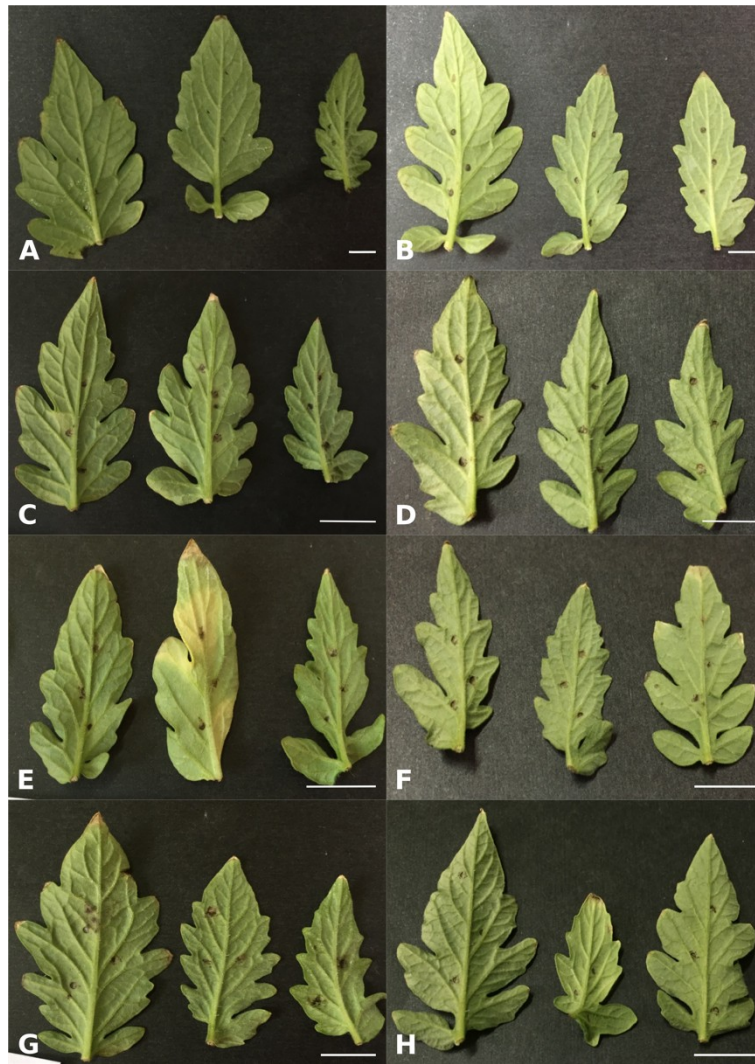
15 each chromatogram. 1) Ethyl alcohol. 2) 2-Methyl-1-propanol. 3) Isoamyl  
16 alcohol. 4) 2-methyl-1-butanol. 5) Phenethyl alcohol. 6) Furfuryl alcohol.  
17



18

19 **Additional Figure 3.** Volatile organic compounds (VOCs) profiles identified by  
20 means of a GC-MS analysis in cultures of *F. fulva* CIDEFI 300 strain grown on  
21 PDB media. Compounds detected on un-inoculated PDB are marked with red  
22 asterisk. Compounds with relative abundance >1 % are numbered in each  
23 chromatogram. 6) Furfuryl alcohol. 7) Acetone. 8) Methyl trimethylacetate. 9)  
24 Isoamyl alcohol. 10) 1-Octene. 11) 3-Hexanone, 4-methyl-. 12) Styrene. 13) 3-  
25 Octanone. 14) Hexanoic acid, 2 ethyl-, methyl ester. 15) 2-Nonanone. 16)  
26 Phenethyl alcohol. 17) No identified Nist05.

27



28

29 **Additional Figure 4.** Leaves from virulence assay. Each panel shows 3 leaflets  
 30 treated with **A.** Water; **B.** unfiltered PDB; **C.** unfiltered supernatants from *S.*  
 31 *lycopersici* CIDEFI 213 cultures; **D.** filtered supernatants from *S. lycopersici*  
 32 CIDEFI 213 cultures; **E.** unfiltered supernatants from *S. lycopersici* CIDEFI 216  
 33 cultures; **F.** filtered supernatants from *S. lycopersici* CIDEFI 216 cultures **G.**  
 34 unfiltered supernatants from *F. fulva* CIDEFI 300 cultures; **H.** filtered  
 35 supernatants from *F. fulva* CIDEFI 300 cultures. Scale bars: 10 mm.

36

37 **Additional Table 1.** Water solubility -expressed as g L<sup>-1</sup>- and vapour pressure -  
 38 expressed as mmHg- for now VOCs detected. The standard values were  
 39 presented at 20°C; with exception to vapour pressure of 3-Hexanone, 4-methyl-;  
 40 Hexanoic acid, 2-ethyl-, methyl ester and Phenethyl alcohol, which  
 41 temperatures are showed in parenthesis.  
 42

Compound	Water solubility (20°C)	Vapour pressure (20°C)
	[g L <sup>-1</sup> ]	[mmHg]
Ethyl alcohol	<i>Miscible</i>	43.0
Acetone	<i>Miscible</i>	184.0
2-Methyl-1-propanol	85	9.0
Methyl trimethylacetate	15	49.0
Isoamyl alcohol	28	28.0
3-Methyl-3-buten-1-ol	90	3.6
Toluene	<i>Insoluble</i>	22.0
1-octene	<i>Insoluble</i>	15.0
3-Hexanone, 4-methyl-	<i>Slightly</i>	8.0 (25°C)
Furfuryl alcohol	<i>Miscible</i>	0.4
Ethylbenzene	<i>Insoluble</i>	10.0
p-Xylene	<i>Insoluble</i>	9.0
4-Heptanone	4.6	5.2
Bromoform	<i>Slightly</i>	5.0
Styrene	0.3	5.0
3-Octanone	<i>Insoluble</i>	2.0
6-Methyl-5-hepten-2-one	3.02	0.8

2-Ethyl-1-hexanol	<i>Insoluble</i>	0.2
Benzyl alcohol	33	0.1
Hexanoic acid, 2-ethyl-, methyl ester	<i>Insoluble</i>	1,09 (25 °C)
2-Nonanone	<i>Insoluble</i>	0.6
Phenethyl alcohol	20	1 (58 °C)

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