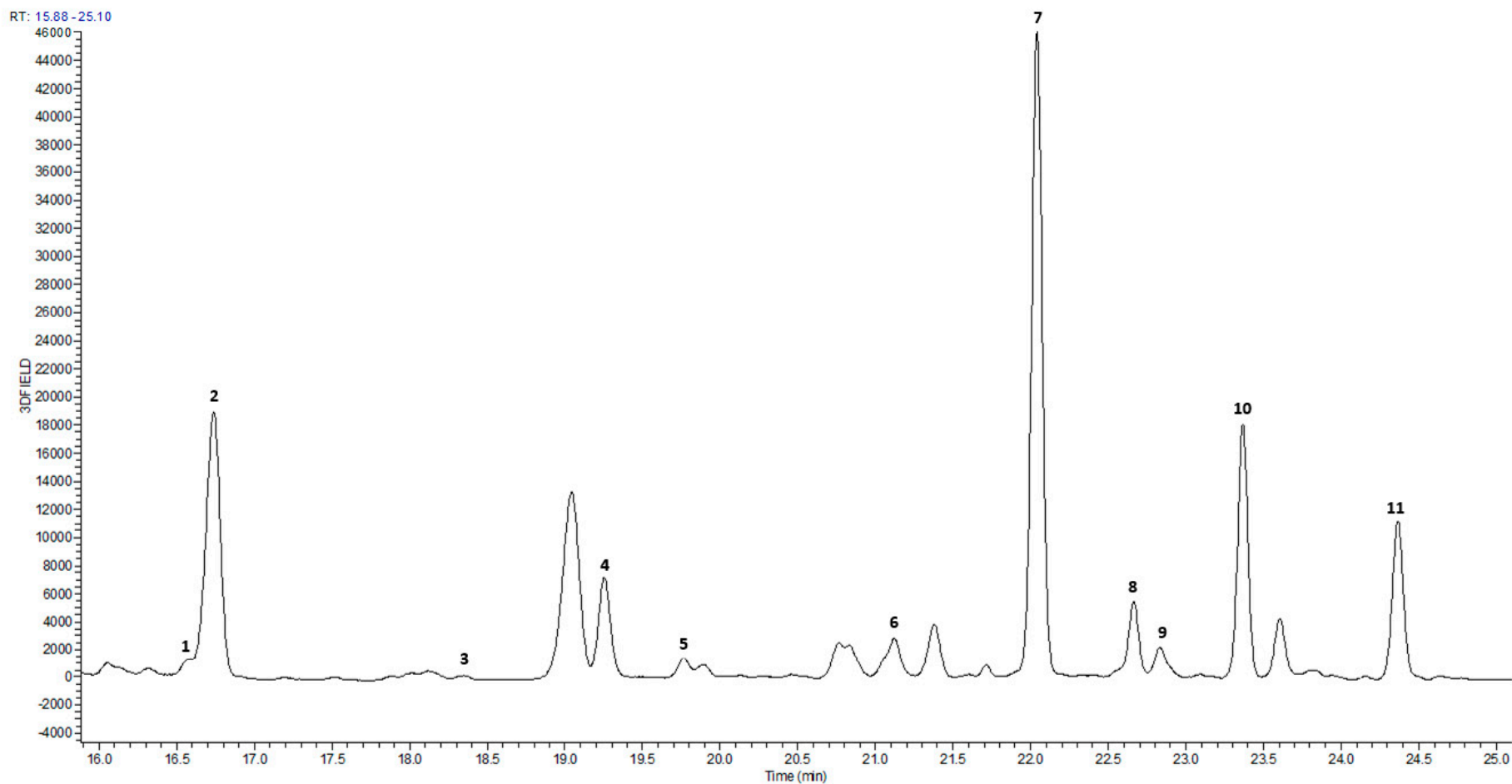


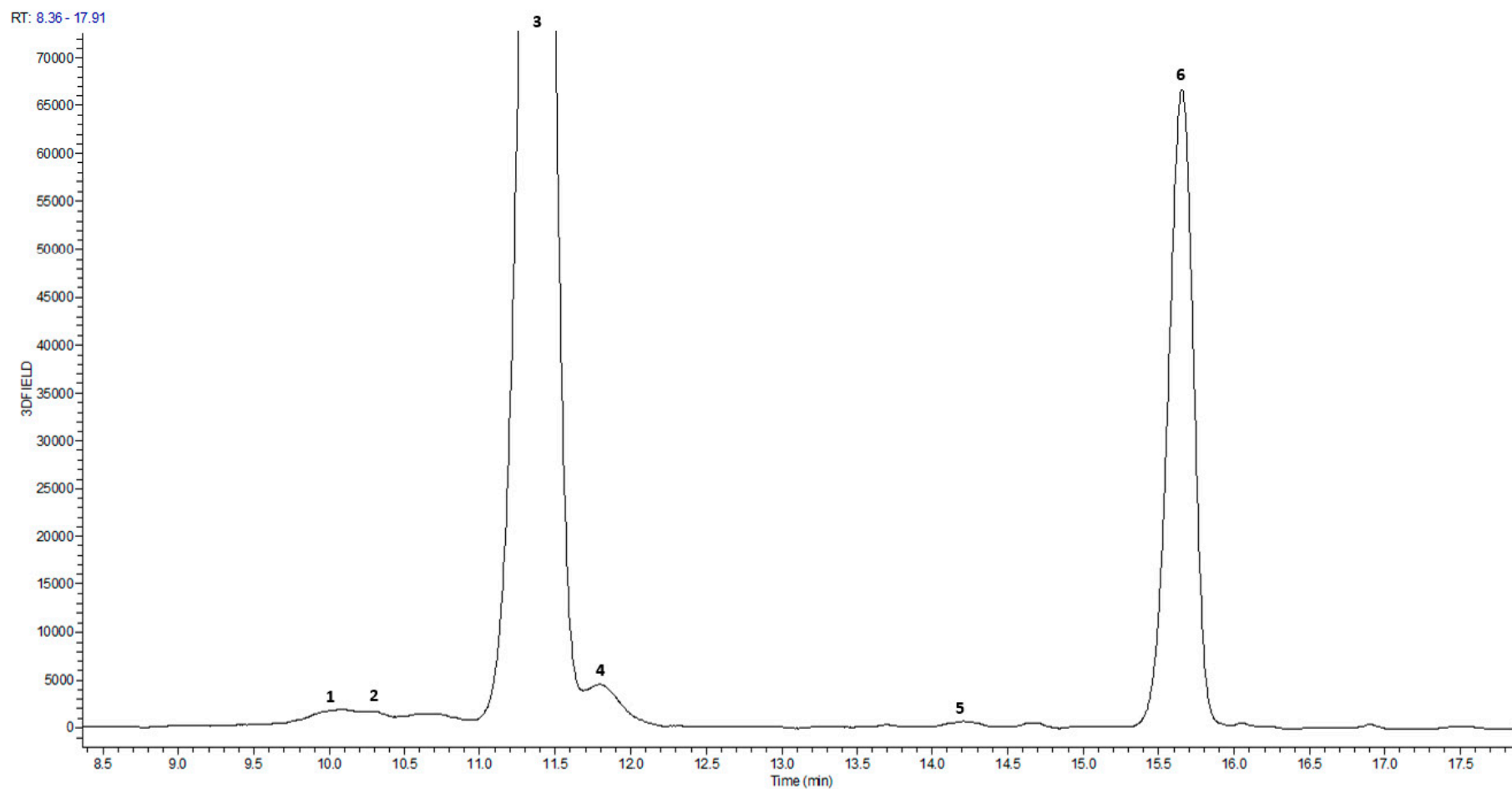
Supplementary material Figure S1: HPLC-MS (280 nm) chromatogram of individual phenolic compounds.

1, glucocaffeic acid; 2, procyanidin dimer; 3, procyanidin dimer; 4, procyanidin dimer; 5, procyanidin trimer; 6, catechin; 7, *p*-coumaric hexoside; 8, apigenin rhamnoside; 9, epicatechin; 10, procyanidin dimer.



Supplementary material Figure S2: HPLC-MS (350 nm) chromatogram of individual phenolic compounds.

1, caffeic acid derivative; 2, ferulic acid hexoside derivative; 3, *p*-coumaric hexoside, ellagic acid derivative; 4, ellagic acid deoxyhexoside; 5, ellagic acid deoxyhexoside; 6, cinnamic acid-3-*O*-hexoside; 7, quercetin-3-*O*-glucuronide; 8, quercetin-3-*O*-hexoside, kaempferol-3-*O*-rutinoside; 9, kaempferol-3-*O*-hexoside; 10, kaempferol-3-*O*- β -glucuronide; 11, kaempferol-malonylglucoside.



Supplementary material Figure S3: HPLC-MS (530 nm) chromatogram of individual phenolic compounds.

1, cyanidin-3-*O*-glucoside; 2, pelargonidin-3-*O*-glucoside; 3, pelargonidin-3-*O*-glucoside; 4, pelargonidin-3-*O*-glucoside; 5, pelargonidin-3-*O*-glucoside, cyanidin-3-*O*-glucoside; 6, pelargonidin-3-*O*-glucoside.

Supplementary material Table S1: Specifics of biostimulant applications in 2020 and 2021 on 'Clery' strawberries (CON control; BP before planting; AP after plating).

Date	CON	BP	AP
June 20 th 2020	water only	<i>2% Zn and Hydrogen peroxide</i> (Ken, L.G. ITALIA S.R.L.) 70 L/ha	water only
June 21 st 2020	water only	<i>humic and fulvic acids</i> (Start, L.G. ITALIA S.R.L.) 5 L/ha <i>yeast-based amino acids</i> (Carbogen L, L.G. ITALIA S.R.L.) 3 L/ha <i>Rhizoglopus irregulare, Glomus mosseae,</i> <i>Funnelliformis caledonium 5% and Azotobacter vinelandii,</i> <i>Bacillus megaterium, Rhodopseudomonas palustris</i> <i>3 x 10¹² per kg of product</i> (Sphera L, L.G. ITALIA S.R.L.) 3 L/ha <i>Glomus mosseae, Glomus intraradices 1% and Beauveria</i> <i>bassiana, Beauveria brongniartii, Metarhizium anisopliae 3 x 10¹¹</i> <i>per kg of product</i> (Klozer, L.G. ITALIA S.R.L.) 2 L/ha	water only
July 4 th 2020	water only	water only	<i>Rhizoglopus irregulare BEG72, Funnelliformis mossaea BEG234, Bacillus megaterium</i> <i>MHBM77, Bacillus megaterium MHBM06, 1000 spores per g of product</i> (Team Horticola, Atens) 1.5 L/ha <i>Extracts of Mediterranean plants</i> (Heptabiol, Atens) 3L/ha
July 11 th 2020	water only	water only	<i>Trichoderma koningii TK7 1 x 10⁹ per g of product, Bacillus megaterium 1 x 10⁷ per g of product</i> (Condor Shield, Atens) 1 kg/ha <i>Extracts of Mediterranean plants</i> (Heptabiol, Atens) 3L/ha
October 11 th 2020	water only	water only	<i>Trichoderma koningii TK7 1 x 10⁹ per g of product, Bacillus megaterium 1 x 10⁷ per g of product</i> (Condor Shield, Atens) 1 kg/ha <i>Extracts of Mediterranean plants</i> (Heptabiol, Atens) 3L/ha
February 23 rd 2021	water only	water only	<i>Trichoderma koningii TK7 1 x 10⁹ per g of product, Bacillus megaterium 1 x 10⁷ per g of product</i> (Condor Shield, Atens) 1 kg/ha <i>Extracts of Mediterranean plants</i> (Heptabiol, Atens) 3L/ha

Supplementary material Table S2: Standards of phenolic compounds, used for identification and quantification of individual phenolic compounds, together with their retention times and analyses conditions.

Standard of phenolic compound	Retention time (min)	Absorbance (nm)	Ionization mode	Source voltage	Sheath gas	auxiliary gas	<i>m/z</i> scanning
Caffeic acid	15.81	280	M-	4 kV	20 units	8 units	115 to 1600
<i>p</i> -coumaric acid	20.53	280	M-	4 kV	20 units	8 units	115 to 1600
Ferulic acid	21.49	280	M-	4 kV	20 units	8 units	115 to 1600
Ellagic acid	21.79	280	M-	4 kV	20 units	8 units	115 to 1600
Procyanidin-B1	11.43	280	M-	4 kV	20 units	8 units	115 to 1600
Catechin	13.19	280	M-	4 kV	20 units	8 units	115 to 1600
Epicatechin	15.77	280	M-	4 kV	20 units	8 units	115 to 1600
Luteolin-7- <i>O</i> -glucoside	23.65	350	M-	4 kV	20 units	8 units	115 to 1600
Quercetin-3- <i>O</i> -glucoside	21.85	350	M-	4 kV	20 units	8 units	115 to 1600
Kaempferol-3- <i>O</i> -glucoside	24.18	350	M-	4 kV	20 units	8 units	115 to 1600
Cyanidin-3- <i>O</i> -glucoside	10.69	530	M ⁺	4 kV	20 units	8 units	115 to 1600
Pelargonidin-3- <i>O</i> -glucoside	11.99	530	M ⁺	4 kV	20 units	8 units	115 to 1600