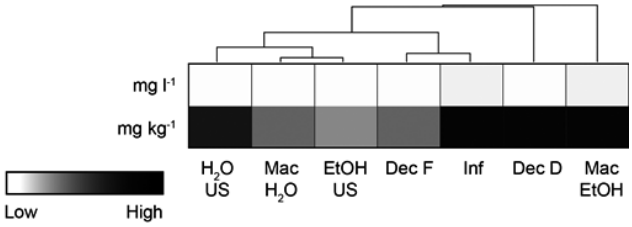

On-line Suppl. Fig. 1: The of total analyzed phenolic compounds from quince leaves expressed in mg per liter of extract and in mg per kilogram of material DW; ultrasound extraction in water (H_2O US), ultrasound extraction in ethanol (EtOH US), water maceration (Mac H_2O), ethanolic macerate (Mac EtOH), water infusion (Inf), decoction of dry material (Dec D) and decoction of fresh material (Dec F). The data are standardised ($\mu = 0$, $\sigma = 1$), low values are presented with light color, higher values are presented with dark color.

On-line Suppl. Tab. 1 Flavonols in various quince leaf extracts (mg kg^{-1} DW). Ultrasound extraction in water (US H_2O), ultrasound extraction in ethanol (US EtOH), water maceration (Maceration H_2O), ethanolic macerate (Maceration EtOH), water infusion (Infusion), decoction of dry material (Decoct D) and decoction of fresh material (Decoct F). Results are presented as mean ± standard error. ND – not detected. (K – Kaempferol , Q – quercetin)

Flavonols	US water	US EtOH	Maceration H_2O	Maceration EtOH	Infusion	Decoct (D)	Decoct (F)
Q-3-rutinoside	468.7±48.4	1033.6±10.9	495.5±45.9	1978.6±116.5	1775.5±140.6	524.7±33.8	72.6±11.5
Q-3-galactoside	37.2±3.7	108.9±3.0	37.9±6.1	249.2±25.7	44.8±11.3	1830.5±183.4	1306.6±109.3
Q-3-glucoside	36.2±4.5	212.3±5.9	47.0±5.7	323.7±35.6	35.8±7.8	180.7±25.4	89.5±11.9
Q rhamnosylhexoside	ND	129.6±33.9	17.1±7.5	52.7±27.5	ND	ND	ND
K-3-galactoside	52.3±9.0	234.9±4.0	60.0±11.1	201.8±17.8	46.1±9.3	1230.7±151.1	81.3±17.8
K-3-glucoside	60.6±5.4	227.8±2.3	66.3±8.0	251.4±17.6	65.9±14.9	192.9±37.4	89.5±13.7
K pentoside	ND	143.2±3.2	43.3±9.8	82.6±11.8	53.9±15.1	212.1±37.5	52.6±10.3
K-3-rhamnosylhexoside I	208.5±15.2	285.4±4.8	216.3±12.6	552.6±19.0	695.6±63.9	173.6±29.5	476.5±23.9
K-3-rhamnosylhexoside II	263.7±21.0	463.5±6.4	232.9±16.8	779.3±22.6	736.3±72.8	1044.8±120.8	524.9±25.4
K-3-rhamnosylhexoside III	ND	14.7±5.4	66.9±12.3	96.5±18.8	ND	ND	0.6±0.1
K-3-rhamnosylhexoside IV	ND	16.1±6.8	50.5±4.4	53.1±7.7	ND	0.5±0.1	ND
Isorhamnetin pentoside	ND	179.7±3.1	39.7±11.4	110.1±20.5	ND	ND	20.3±7.3
Total flavonols	1127.2±104.0	3056.5±67.6	1373.4±128.1	4731.3±275.8	3453.8±299.3	5389.9±532.5	2714.7±189.1

On-line Suppl. Tab. 2 Phenolic acids in various quince leaf extracts (mg kg^{-1} DW). Ultrasound extraction in water (US H_2O), ultrasound extraction in ethanol (US EtOH), water maceration (Maceration H_2O), ethanolic macerate (Maceration EtOH), water infusion (Infusion), decoction of dry material (Decoct D) and decoction of fresh material (Decoct F). Results are presented as mean ± standard error. ND – not detected, CQA – caffeoylquinic acid.

Phenolic acid	US water	US EtOH	Maceration H_2O	Maceration EtOH	Infusion	Decoct (D)	Decoct (F)
3CQA I	236.15±11.8	ND	ND	ND	ND	179.2±11.3	ND
3CQA II	353.9±18.5	140.1±8.2	540.7±22.2	374.8±15.7	2149.9±100.7	198.8±13.5	742.2±53.9
4CQA	139.5±6.2	78.0±4.5	235.2±9.9	260.9±17.3	999.6±84.4	684.7±77.8	2217.8±196.1
5CQA I	775.8±59.3	352.5±11.1	1280.5±86.3	964.3±77.4	6219.3±655.3	5850.1±226.3	802.3±57.0
5CQA II	151.7±6.2	153.5±11.8	65.2±2.5	504.3±14.9	515.8±74.7	213.4±14.5	299.4±23.1
Dicaffeoylquinic acid I	59.4±6.5	215.9±4.6	89.5±12.9	238.1±16.8	76.4±15.5	293.2±62.9	30.9±5.5
Dicaffeoylquinic acid II	ND	202.8±2.9	32.7±6.3	97.1±15.5	ND	ND	ND
p-coumaric acid hexoside I	39.6±1.2	23.6±1.4	63.1±1.8	62.7±2.1	187.0±17.0	72.5±12.1	93.6±6.0
p-coumaric acid hexoside II	16.4±2.1	44.2±3.1	25.3±1.6	160.9±7.3	42.1±9.3	329.4±41.9	ND
3-*p*-coumaroylquinic acid	ND	52.3±2.5	54.3±1.2	156.7±7.1	124.7±14.9	206.4±15.2	36.7±5.5
5-*p*-coumaroylquinic acid I	2.7±0.2	2.4±0.2	8.1±0.3	8.3±0.4	12.9±3.0	33.4±4.4	7.7±0.9
5-*p*-coumaroylquinic acid II	27.6±2.3	11.2±1.1	57.4±2.1	46.1±4.1	46.9±8.2	207.4±15.6	52.0±6.4
Total phenolic acids	1414.8±85.9	1269.3±34.4	2386.6±128.3	2715.7±99.3	9935.5±986.1	7254.5±843.6	3982.9±300.9

On-line Suppl. Tab. 3. Flavanols in various quince leaf extracts (mg kg^{-1} DW). Ultrasound extraction in water (US H_2O), ultrasound extraction in ethanol (US EtOH), water maceration (Maceration H_2O), ethanolic macerate (Maceration EtOH), water infusion (Infusion), decoction of dry material (Decoct D) and decoction of fresh material (Decoct F). Results are presented as mean ± standard error, ND – not detected.

Flavanol	US water	US EtOH	Maceration H_2O	Maceration EtOH	Infusion	Decoct (D)	Decoct (F)
Catechin	ND	ND	ND	ND	ND	690.4±37.9	805.1±64.0
Epicatechin	ND	857.3±52.5	473.8±20.0	2196.1±104.8	1696.9±255.1	1316.8±164.3	1887.2±185.1
Procyanidin dimer I	212.8±6.3	50.5±4.4	ND	146.4±6.1	ND	1539.1±161.0	ND
Procyanidin dimer II	ND	889.6±56.9	ND	2467.7±72.9	ND	6151.4±677.8	1464.4±128.7
Procyanidin trimer I	ND	18.3±1.2	ND	50.9±1.5	ND	137.1±15.1	30.2±2.7
Procyanidin trimer II	536.9±45.7	468.0±31.6	1583.3±60.7	1622.1±71.4	2534.4±595.2	6559.6±860.0	1502.5±180.0
Total flavanols	749.6±46.2	2540.0±159.1	2057.0±79.3	7193.8±254.6	4231.0±703.7	20848.2±655.5	6110.9±531.2