

Supplementary Material

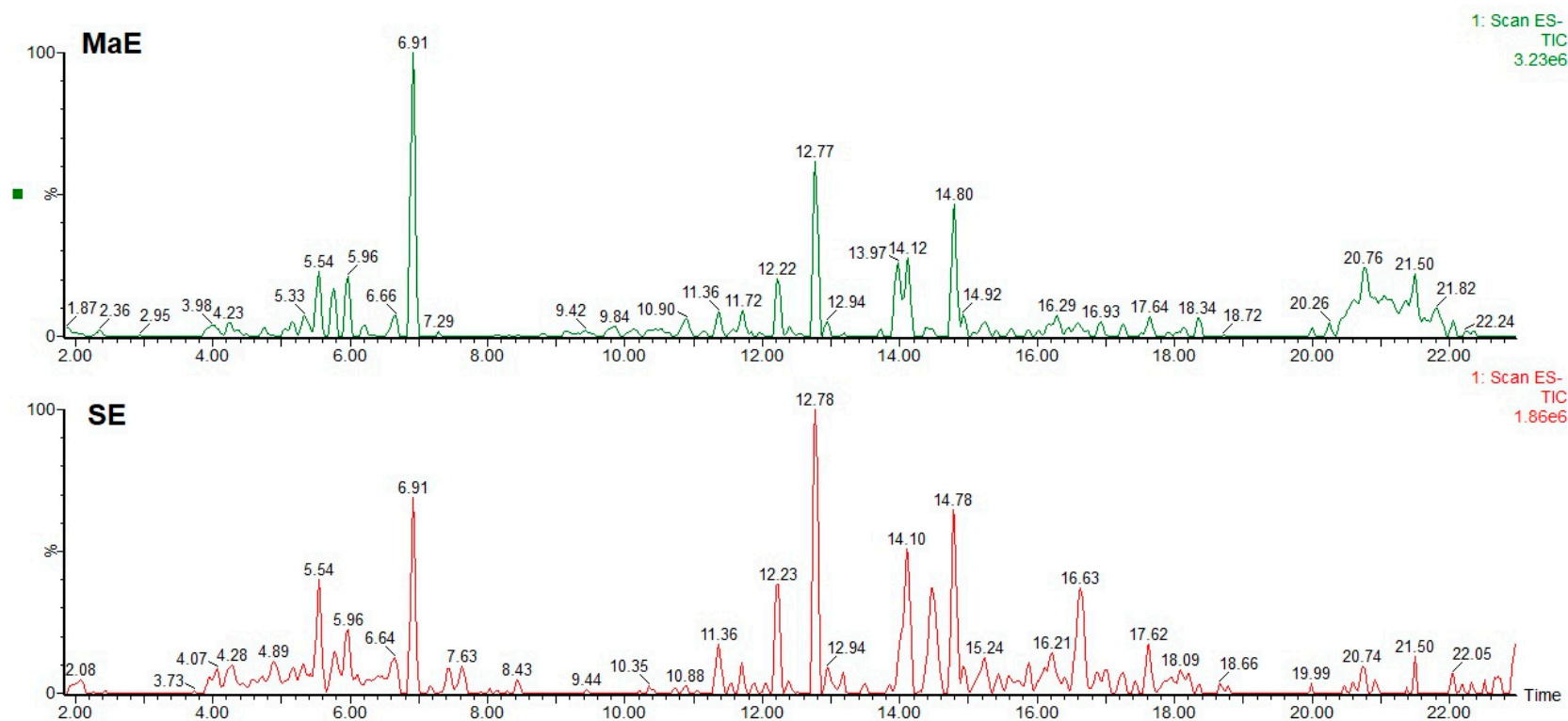


Figure S1. Chromatograms obtained from the UHPLC-DAD-QTOF analysis performed to ethanol extracts from *P. Americana* seeds.

Table S1: Retention time, assigned compounds and molecular ions obtained in the UHPLC-DAD-QTOF analysis of SE and MaE *P. americana* seed extracts, and comparison with the previous study.

Molina et al. 2022. [19]							Peaks from Figure 1S						
Peak	Rt (min)	Mass [M-H] ⁺ (m/z)	Molecular Formula	Error (mDa)	Tentative identification	EPP	Rt (min)	Mass [M-H] ⁺ (m/z)	Molecular Formula	Error (mDa)	Tentative identification	EPP	
1	-	-	-	-	-	-	5.54	461.1620	C ₂₇ H ₂₅ O ₇	2.0	-	SE, MaE	
2	6.90	441.1242	C ₂₂ H ₁₈ O ₁₀	-3.4	catechin/epicatechin gallate	SE, MaE	6.91	441.1317	C ₂₂ H ₁₈ O ₁₀	-2.9	catechin/epicatechin gallate	SE, MaE	
3	12.20	327.1214	C ₁₈ H ₁₆ O ₆	-2.7	Perseal C	SE	12.22	327.1229	C ₁₈ H ₁₆ O ₆	-1.7	Perseal C	SE, MaE	
4	12.76	329.0969	C ₁₈ H ₁₈ O ₆	-5.6	3',4'-Methylenedioxy-5,7-dimethylcatechin/epicatechin	SE, MaE	12.77	329.1109	C ₁₈ H ₁₈ O ₆	-4.1	3',4'-Methylenedioxy-5,7-dimethylcatechin/epicatechin	SE, MaE	
5	13.89	265.1602	C ₁₉ H ₂₂ O	0.7	-	MaE	-	-	-	-	-	-	
6	14.10	329.2596	C ₁₉ H ₃₈ O ₄	9.9	4,19-dihydroxynonadecanoic acid	SE	14.11	329.2269	C ₁₉ H ₃₈ O ₄	5.9	4,19-dihydroxynonadecanoic acid	SE, MaE	
7	14.44	371.1578	C ₂₁ H ₂₄ O ₆	0.2	-	SE	14.48	371.1858	C ₂₀ H ₁₉ O ₇	4.5	lignan	SE	
8	14.78	331.1248	C ₁₈ H ₂₀ O ₆	-0.1	Perseal A	SE, MaE	14.79	331.1637	C ₁₈ H ₂₀ O ₆	-4.6	Perseal A	SE, MaE	
9	15.81	325.0904	C ₁₉ H ₁₄ O ₆	1.6	p-coumaric acid glucoside	MaE	-	-	-	-	-	-	
10	16.63	373.3218	C ₂₂ H ₄₆ O ₄	1.7	2-hydroxy-4-oxoicosa-dienyl acetate	SE	16.63	373.2990	C ₂₂ H ₄₆ O ₄	-0.3	2-hydroxy-4-oxoicosa-dienyl acetate	SE	
11	-	-	-	-	-	-	17.62	359.0556	C ₂₁ H ₁₁ O ₆	-3.4	-	SE, MaE	
12	20.73	345.2355	C ₁₈ H ₃₄ O ₆	-2.1	Dideoxy-hexopyranosyl-dodecanoic acid	SE, MaE	20.76	345.2351	C ₁₈ H ₃₄ O ₆	-2.4	Dideoxy-hexopyranosyl-dodecanoic acid	SE, MaE	
13	21.50	383.1906	C ₂₀ H ₃₂ O ₇	3.5	diterpene	SE, MaE	21.50	383.1917	C ₂₀ H ₃₂ O ₇	3.5	diterpene	SE, MaE	