

Table S1. Identification of OLC and its metabolites in plasma and tissues through LTQ-Orbitrap-MS.

Metabolite description	Elemental composition [M - H]	RT (min)	Observed [M - H]	Exact mass	Mass error (ppm)	Major fragments
OLC	C ₁₇ H ₁₉ O ₅	7.26	303.1237	303.1227	1	285/179
Tyrosol	C ₈ H ₉ O ₂	4.55	137.0606	137.0597	0.894	93
OLC + H ₂	C ₁₇ H ₂₁ O ₅	7.97	305.1403	305.1383	0.05	174/205
OLC + OH	C ₁₇ H ₁₉ O ₆	6.81	319.1184	319.1176	0.785	153/183
OLC + OH + H ₂ O	C ₁₇ H ₂₁ O ₇	7.05	337.1314	337.1281	3.221	295/201
OLC + H ₂ O	C ₁₇ H ₂₁ O ₆	6.76	321.1337	321.1332	0.435	201/183
OLC + OH + CH ₃	C ₁₈ H ₂₁ O ₆	8.96	333.1347	333.1332	0.835	165/183
OLC + H ₂ O + CH ₃	C ₁₈ H ₂₃ O ₆	7.31	335.1492	335.1489	0.285	151/201
OLC + OH + Glucu	C ₂₃ H ₂₇ O ₁₂	9.62	495.1502	495.1497	0.458	197
OLC + H ₂ O + Glucu	C ₂₃ H ₂₉ O ₁₂	6.47	497.1663	497.1653	0.947	321/201
OLC + H ₂ O + CH ₃ + Glucu	C ₂₄ H ₃₁ O ₁₃	6.57	527.1801	527.1759	4.1974	351/183

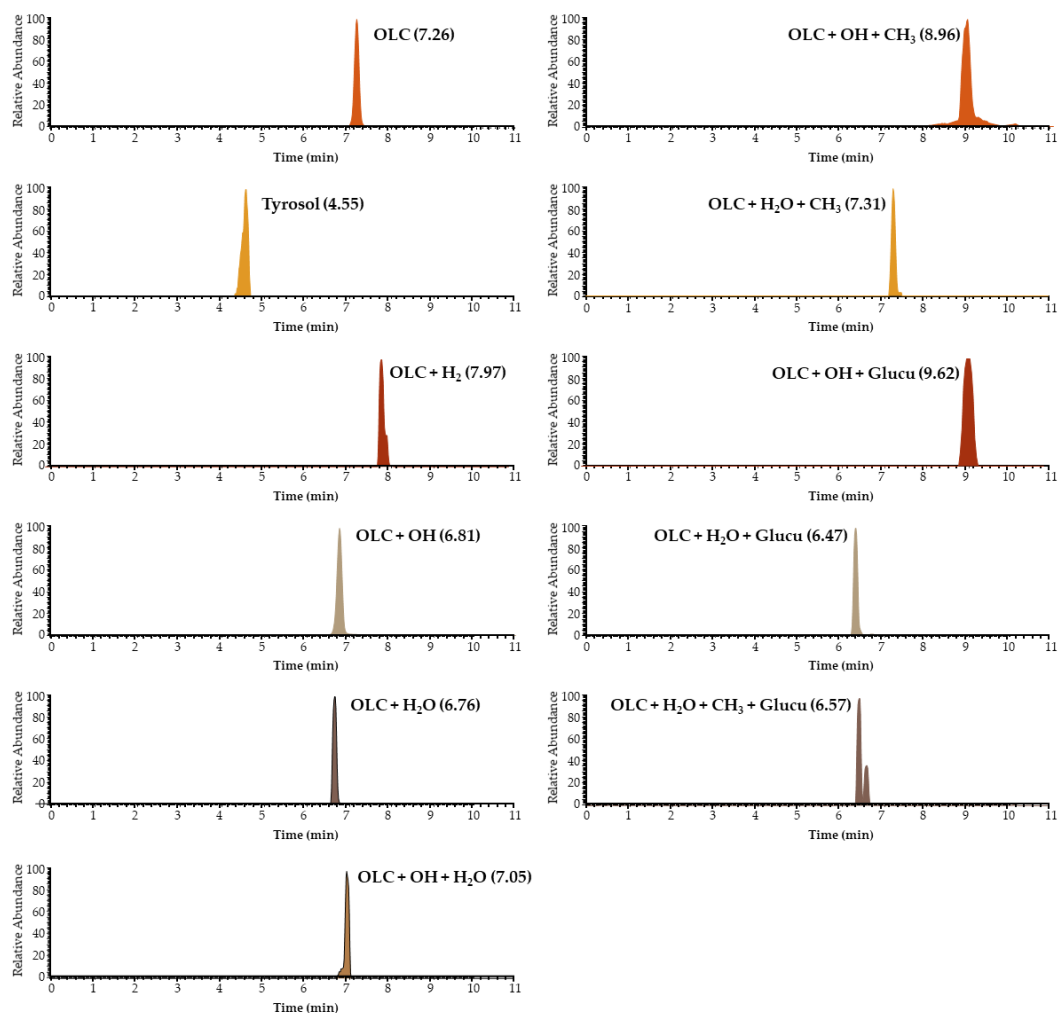


Figure S1. Extracted ion chromatograms of the OLC and its identified metabolites in different tissues.