

SUPPORTING INFORMATION

Resin glycosides in aerial parts of *Ipomoea batatas* are potent lipase inhibitors: potential upcycling of sweet potato by-products to combat obesity

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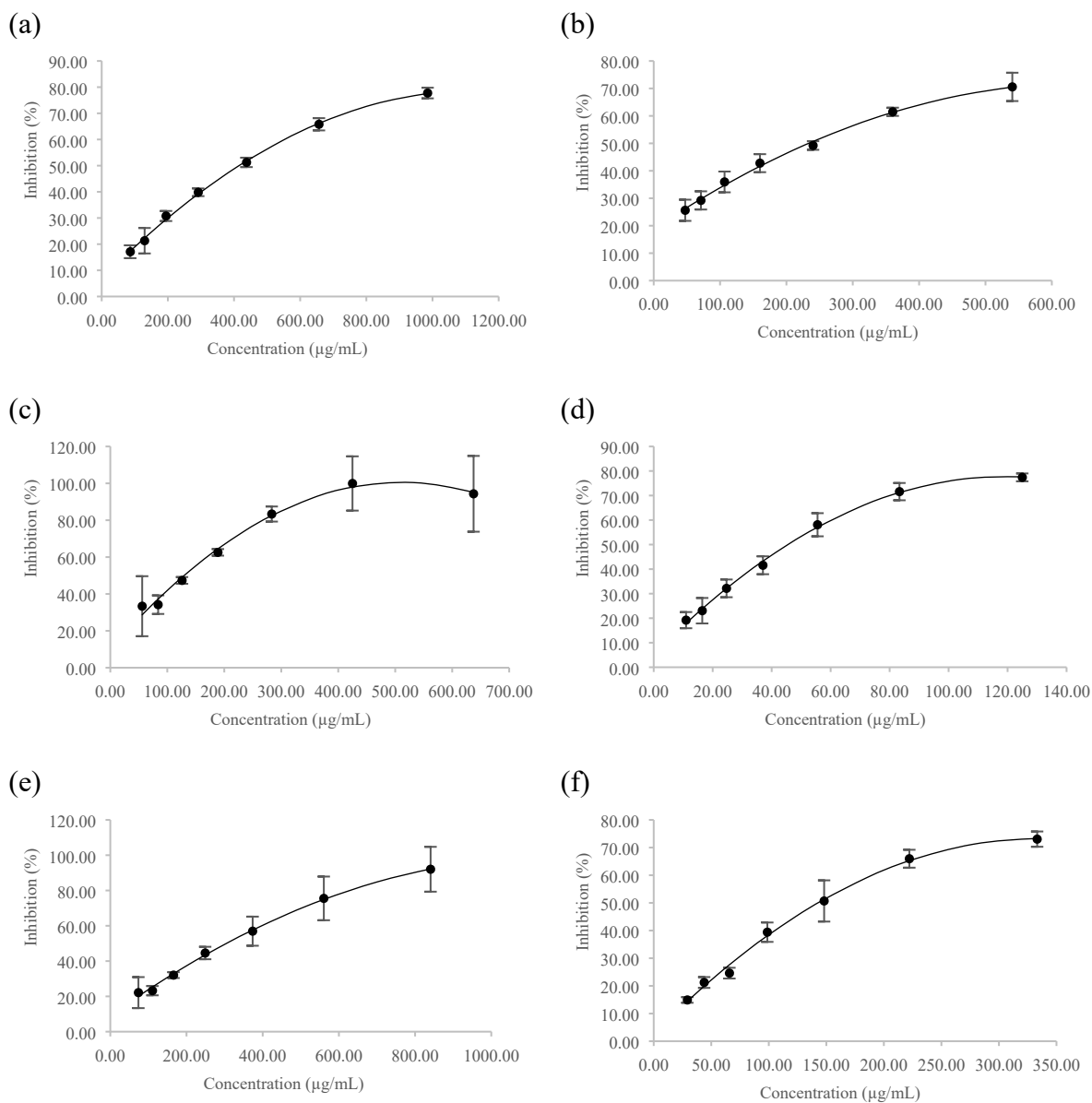


Figure S1: Dose-response curve of pancreatic lipase inhibition against concentration of extract (a) Blackie (DCM), (b) Blackie (MeOH), (c) Margarita (DCM), (d) Margarita (MeOH), (e) Blackheart (DCM), (f) Blackheart (MeOH).

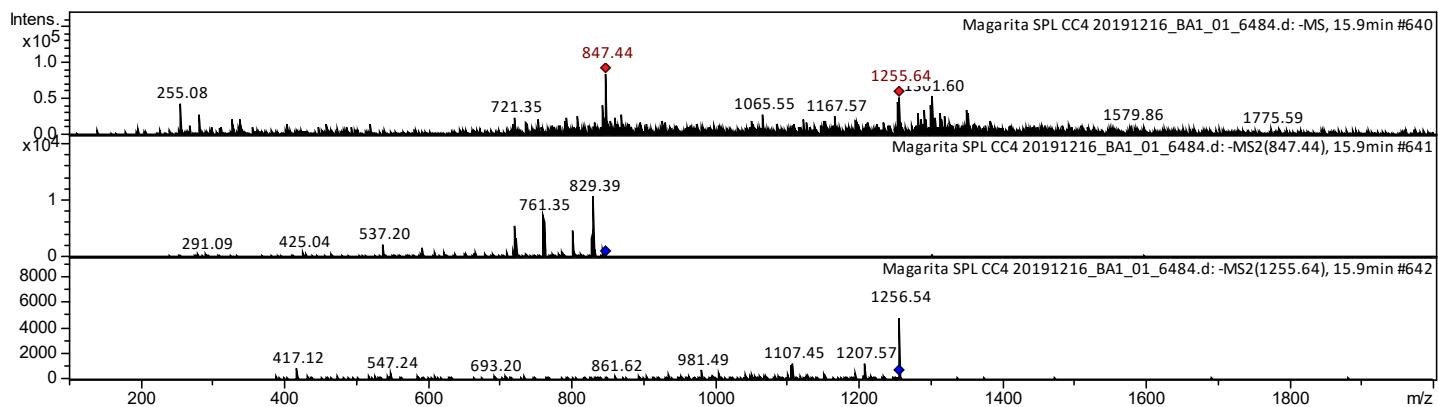


Figure S2: LC-ESI-MS/MS of resin glycoside m/z 1255 $[M-H]^-$ from CC4 at 15.9 min.

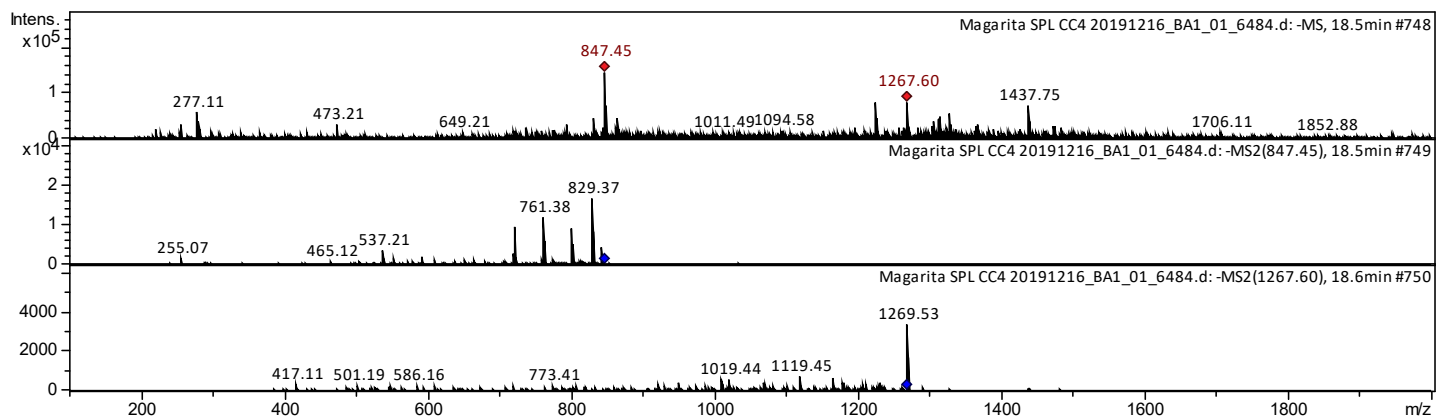


Figure S3: LC-ESI-MS/MS of resin glycoside m/z 1267 $[M-H]^-$ from CC4 at 18.6 min.

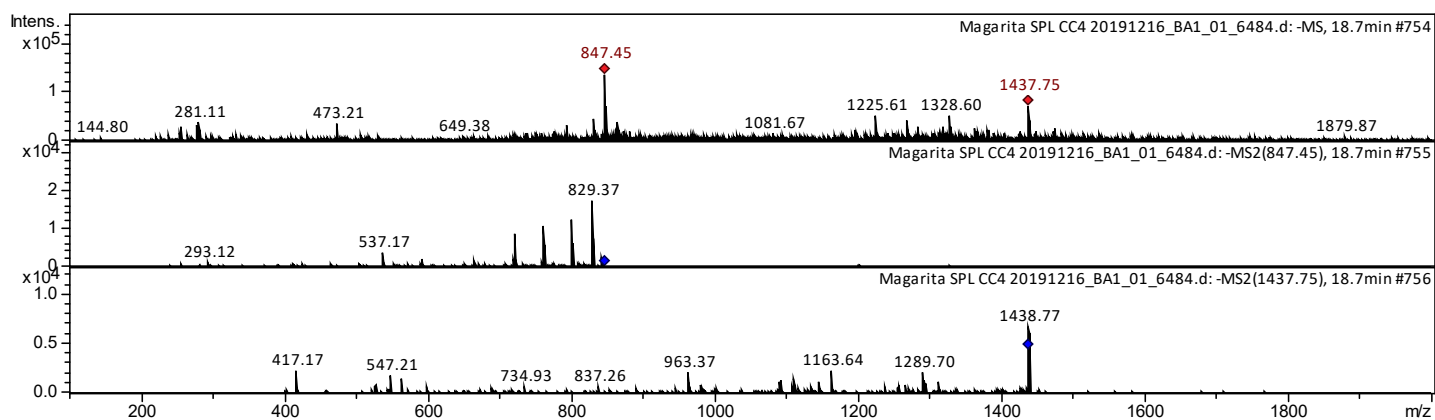


Figure S4: LC-ESI-MS/MS of resin glycoside m/z 1437 $[M-H]^-$ from CC4 at 18.7 min.

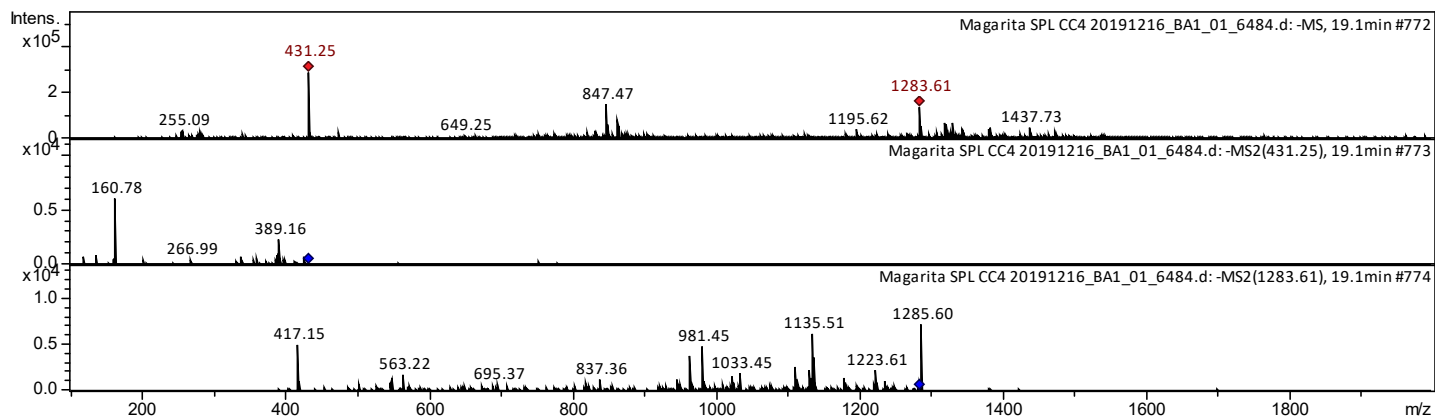


Figure S5: LC-ESI-MS/MS of resin glycoside m/z 1283 $[M-H]^-$ from CC4 at 19.1 min.

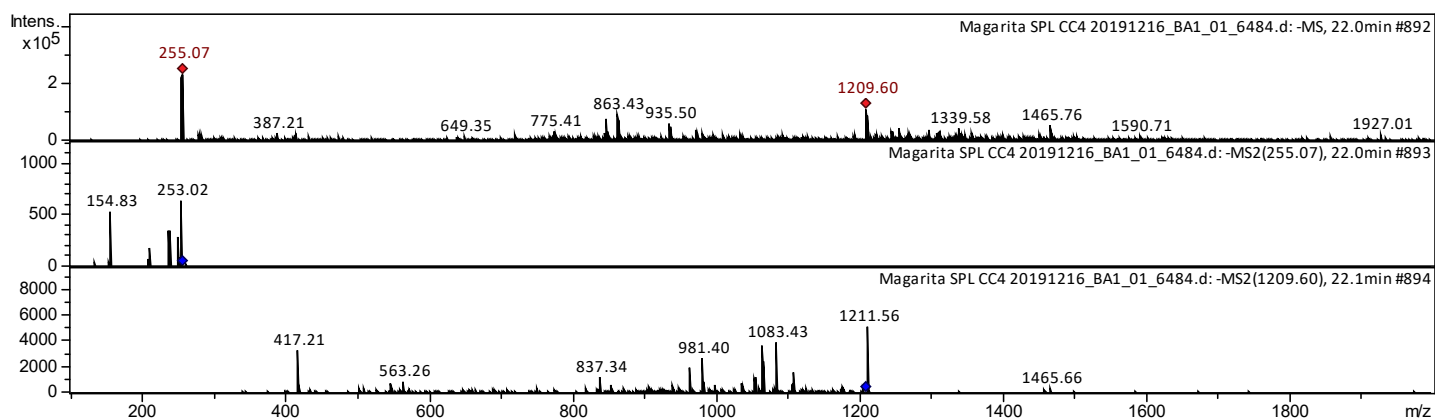


Figure S6: LC-ESI-MS/MS of resin glycoside m/z 1209 $[M-H]^-$ from CC4 at 22.1 min.

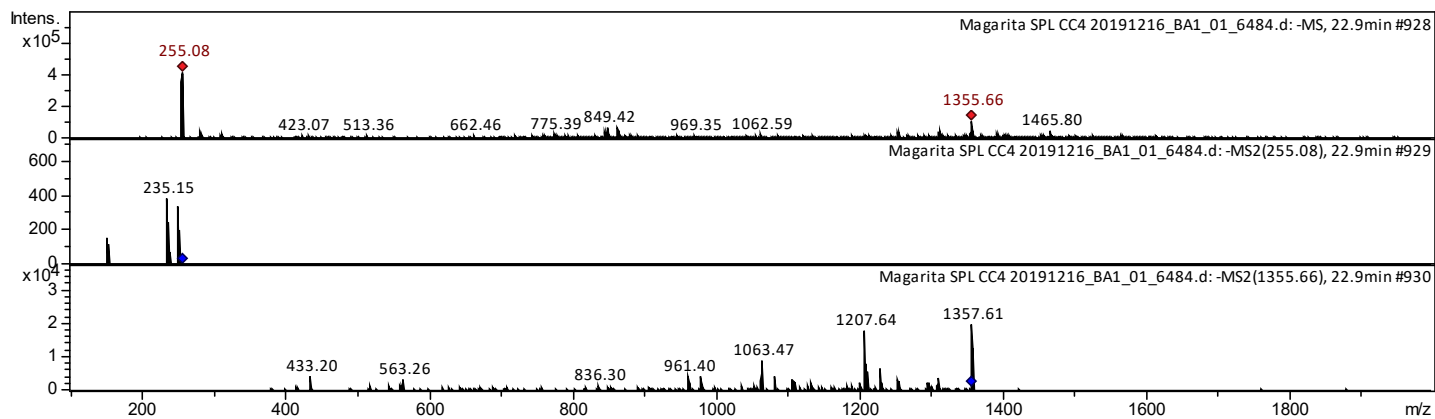


Figure S7: LC-ESI-MS/MS of resin glycoside m/z 1355 $[M-H]^-$ from CC4 at 22.9 min.

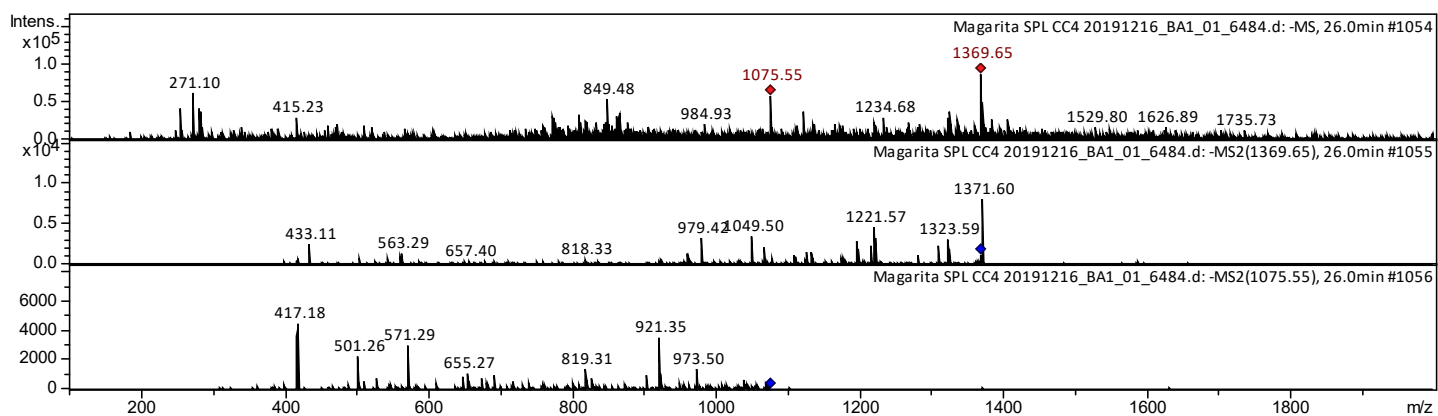


Figure S8: LC-ESI-MS/MS of resin glycoside m/z 1369 $[M-H]^-$ from CC4 at 26.0 min.

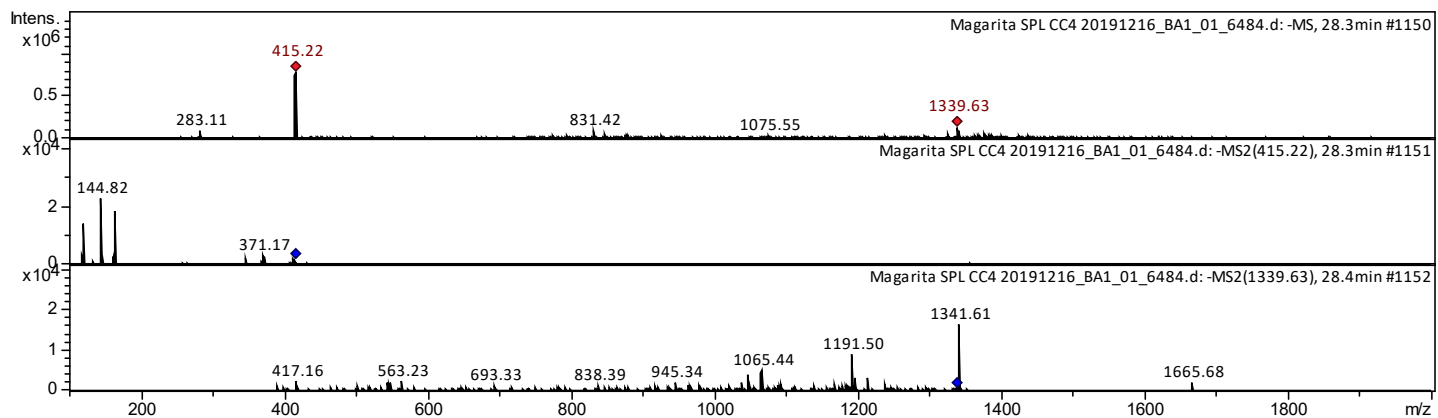


Figure S9: LC-ESI-MS/MS of resin glycoside m/z 1339 $[M-H]^-$ from CC4 at 28.4 min.

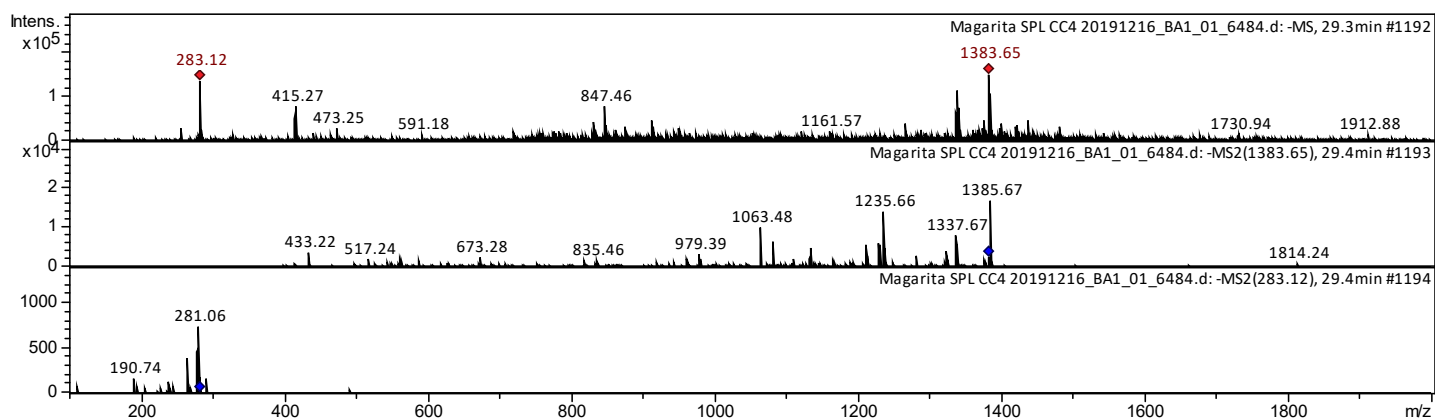


Figure S10: LC-ESI-MS/MS of resin glycoside m/z 1383 $[M-H]^-$ from CC4 at 29.4 min.

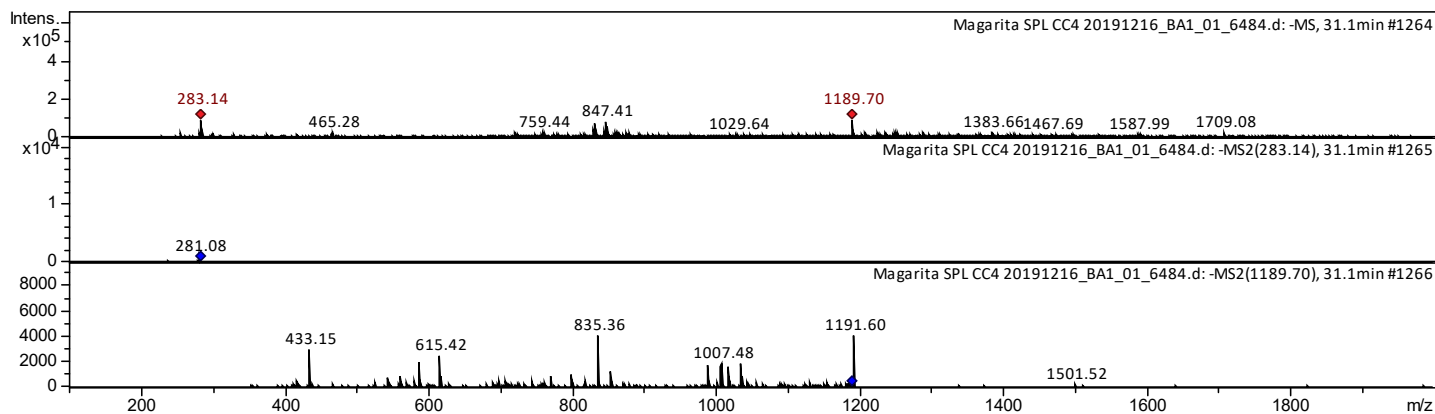


Figure S11: LC-ESI-MS/MS of resin glycoside m/z 1189 $[M-H]^-$ from CC4 at 31.1 min.

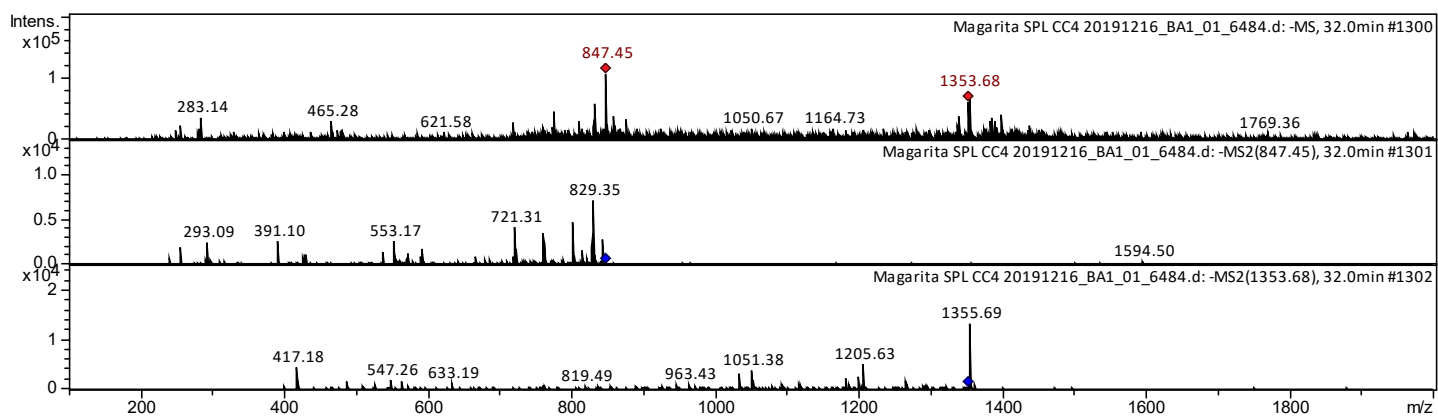


Figure S12: LC-ESI-MS/MS of resin glycoside m/z 1353 $[M-H]^-$ from CC4 at 32.0 min.

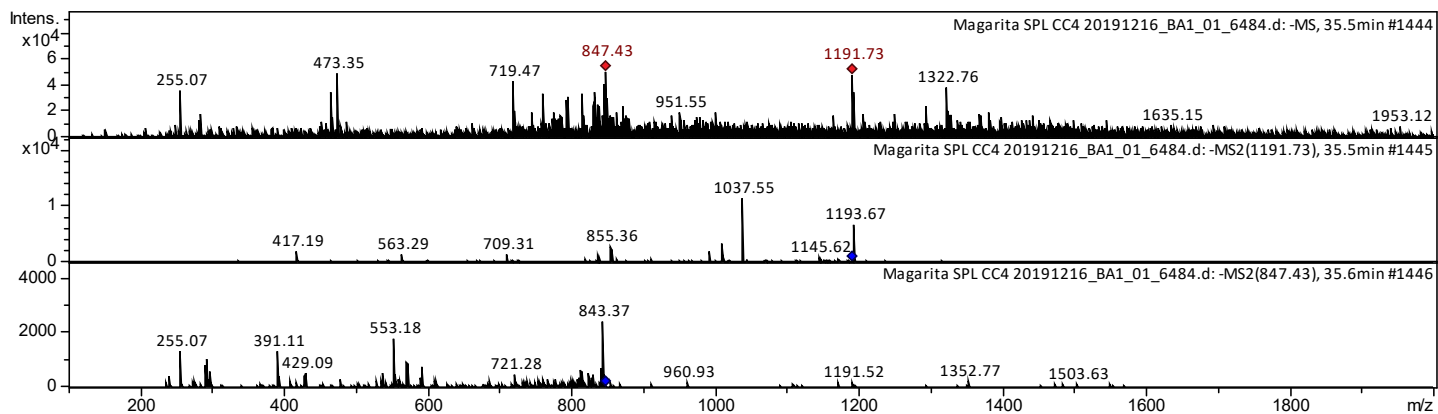


Figure S13: LC-ESI-MS/MS of resin glycoside m/z 1191 $[M-H]^-$ from CC4 at 35.5 min.

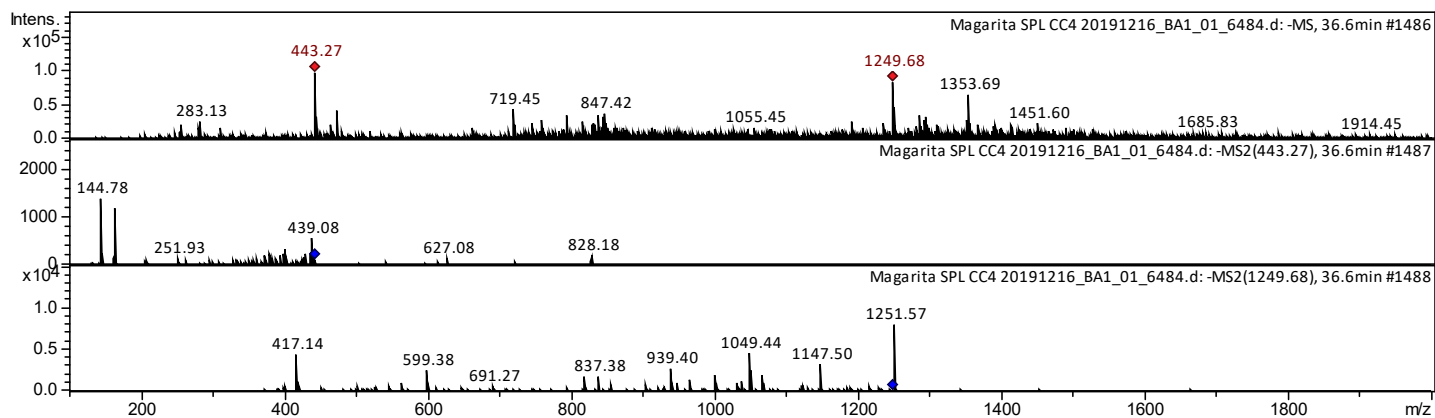


Figure S14: LC-ESI-MS/MS of resin glycoside m/z 1249 $[M-H]^-$ from CC4 at 36.6 min.

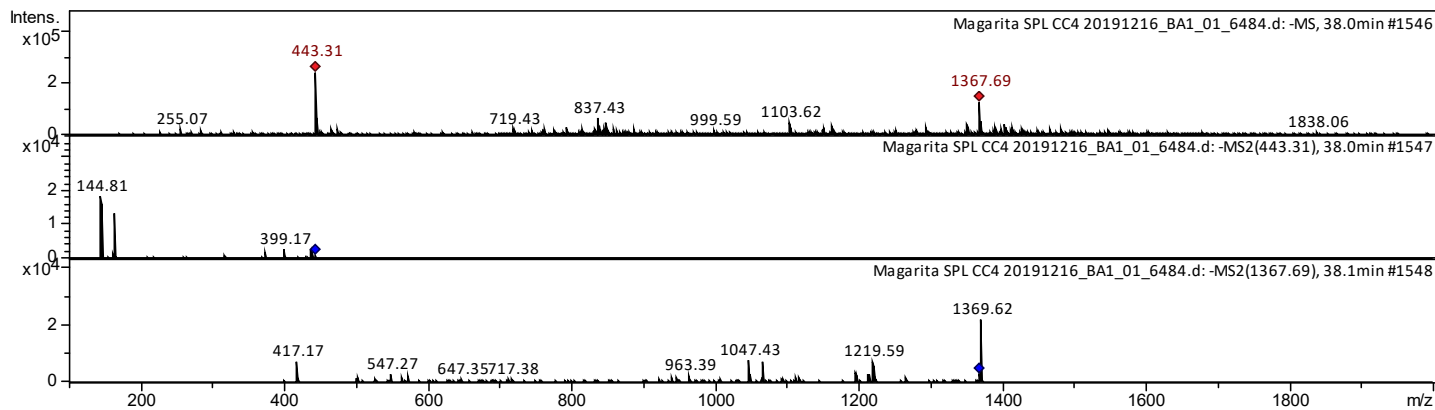


Figure S15: LC-ESI-MS/MS of resin glycoside m/z 1367 $[M-H]^-$ from CC4 at 38.0 min.

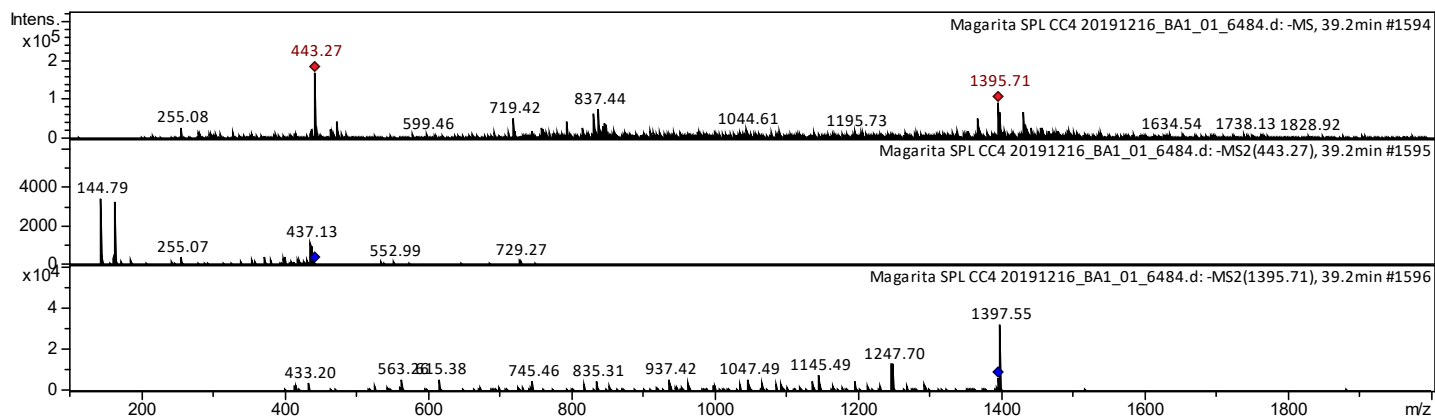


Figure S16: LC-ESI-MS/MS of resin glycoside m/z 1395 $[M-H]^-$ from CC4 at 39.2 min.

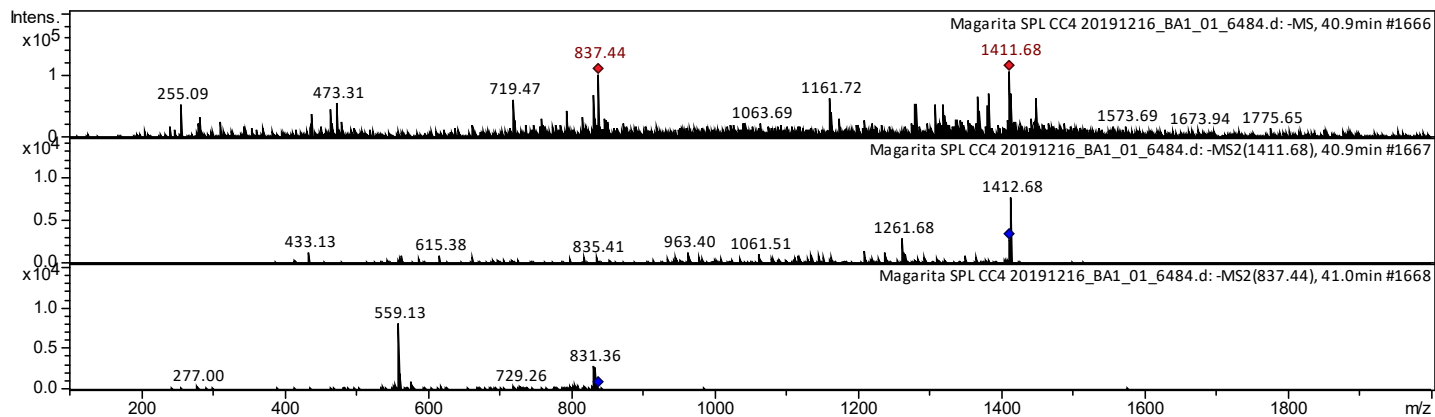


Figure S17: LC-ESI-MS/MS of resin glycoside m/z 1411 $[M-H]^-$ from CC4 at 40.9 min.

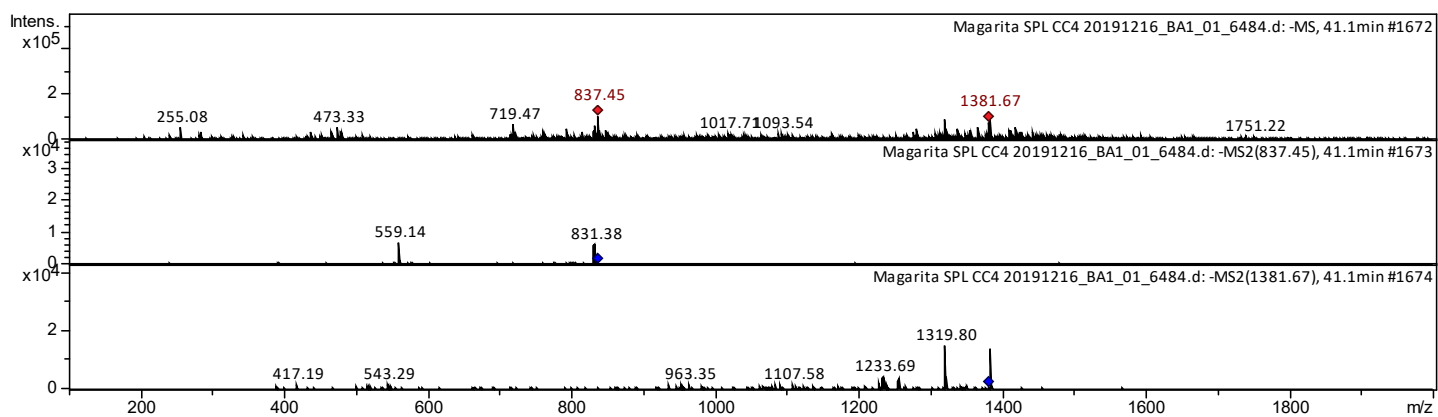


Figure S18: LC-ESI-MS/MS of resin glycoside m/z 1381 $[M-H]^-$ from CC4 at 41.1 min.

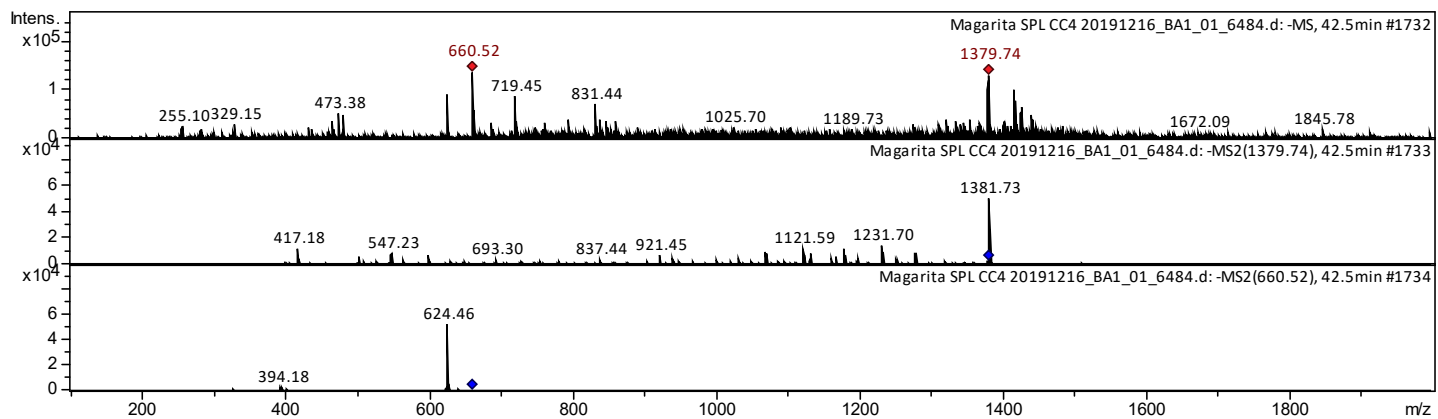


Figure S19: LC-ESI-MS/MS of resin glycoside m/z 1379 $[M-H]^-$ from CC4 at 42.5 min.

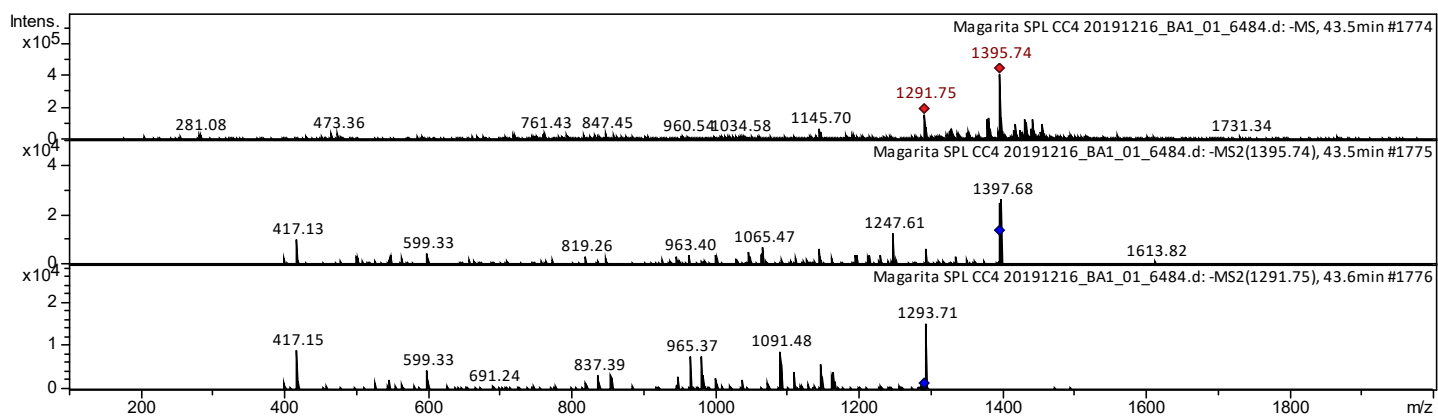


Figure S20: LC-ESI-MS/MS of resin glycoside m/z 1291 $[M-H]^-$ from CC4 at 43.6 min.

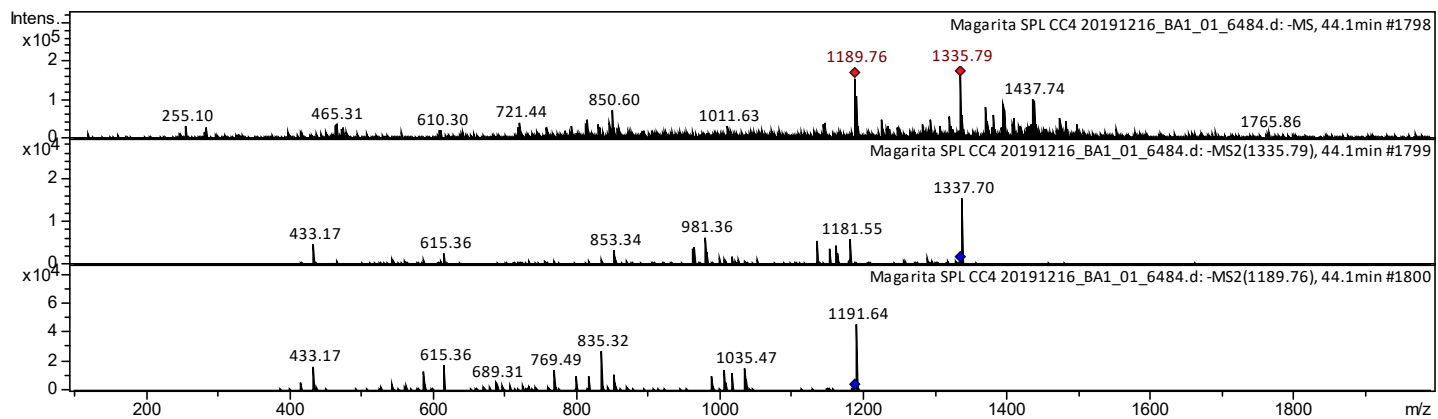


Figure S21: LC-ESI-MS/MS of resin glycoside m/z 1335 $[M-H]^-$ from CC4 at 44.1 min.

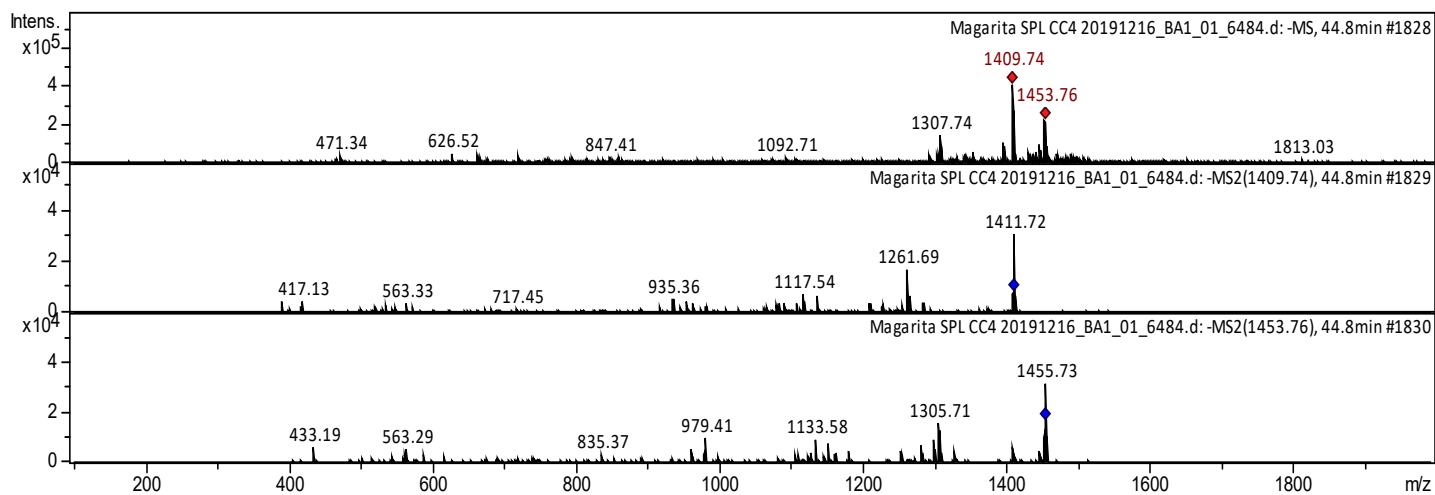


Figure S22: LC-ESI-MS/MS of resin glycoside m/z 1409 $[M-H]^-$ and m/z 1453 $[M-H]^-$ from CC4 at 44.8 min.

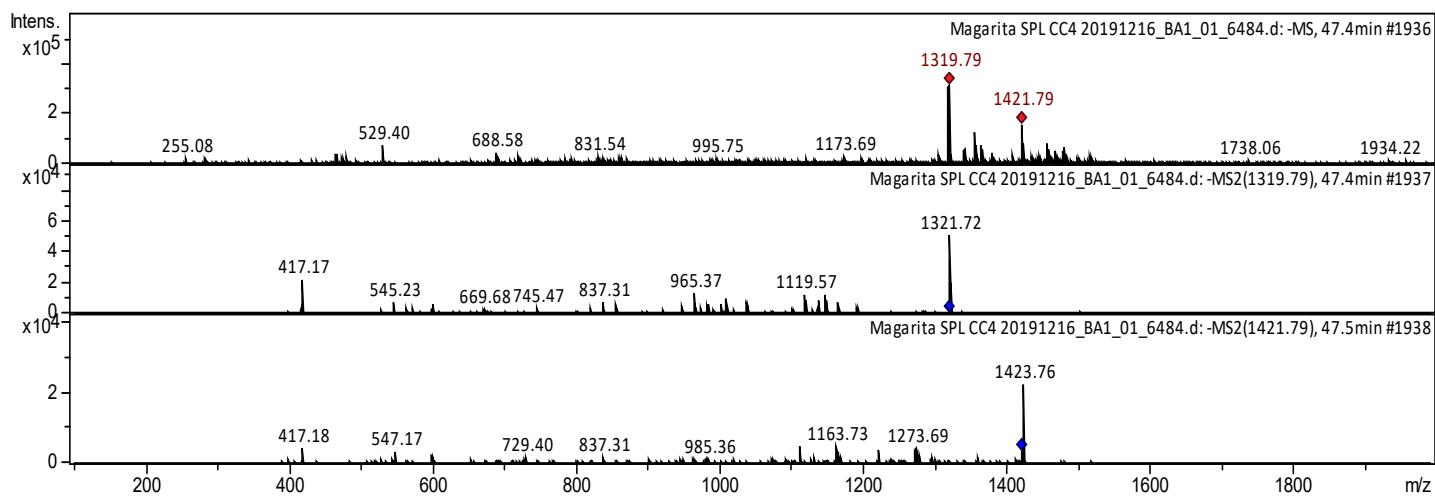


Figure S23: LC-ESI-MS/MS of resin glycoside m/z 1319 $[M-H]^-$ from CC4 at 47.4 min.

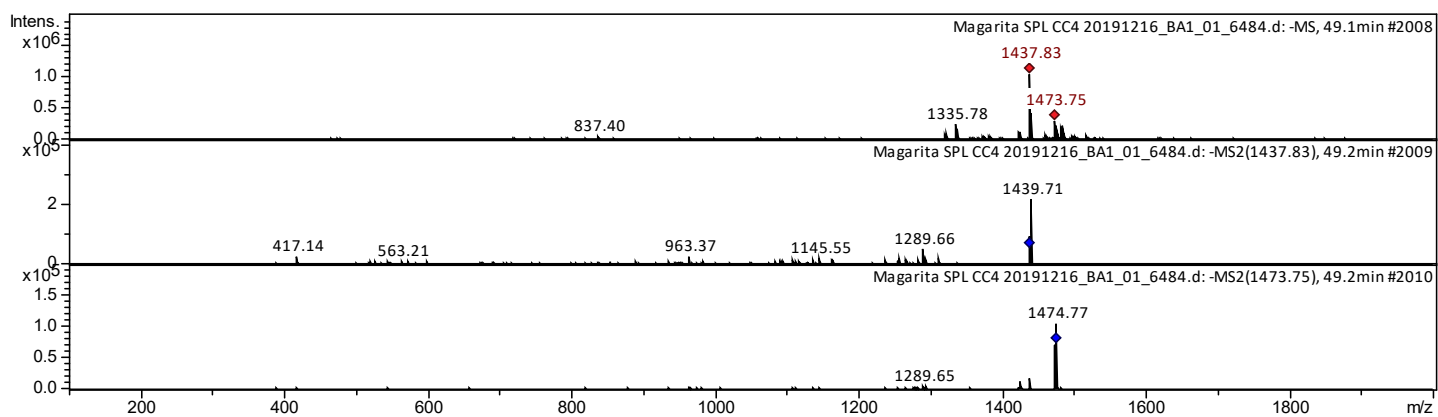


Figure S24: LC-ESI-MS/MS of resin glycoside m/z 1437 $[M-H]^-$ from CC4 at 49.2 min.

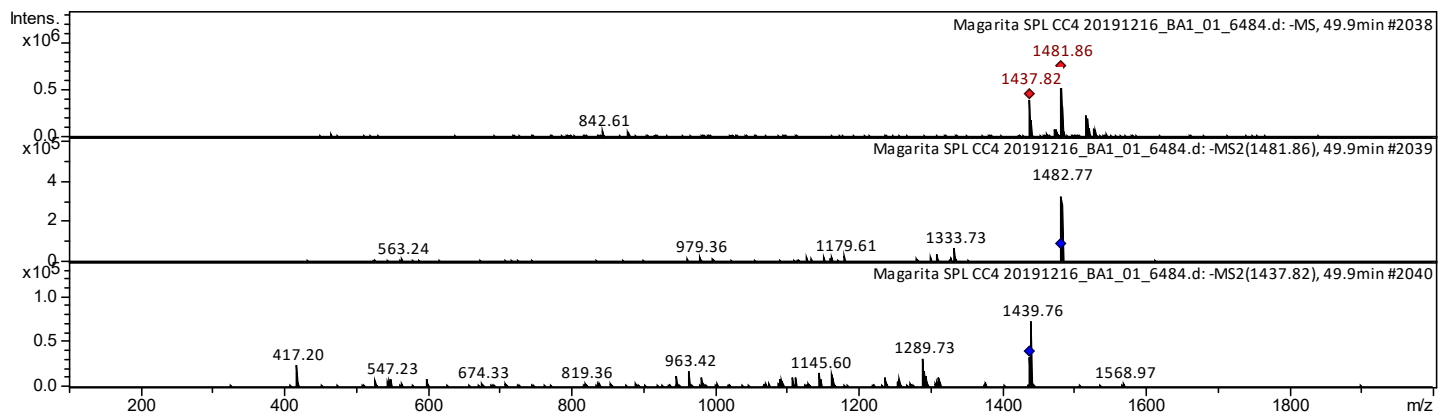


Figure S25: LC-ESI-MS/MS of resin glycoside m/z 1437 $[M-H]^-$ from CC4 at 49.9 min.

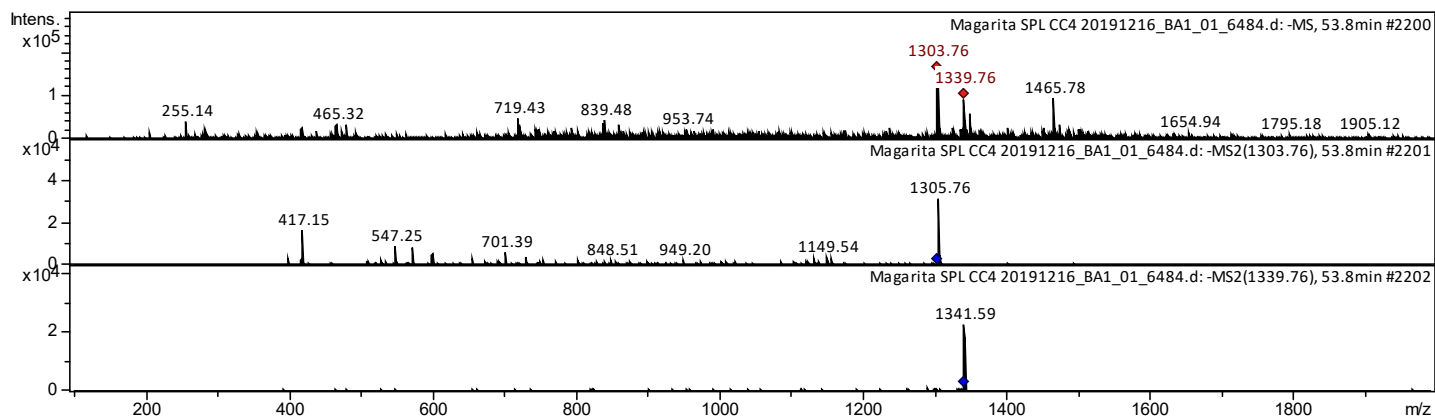


Figure S26: LC-ESI-MS/MS of resin glycoside m/z 1303 $[M-H]^-$ from CC4 at 53.8 min.

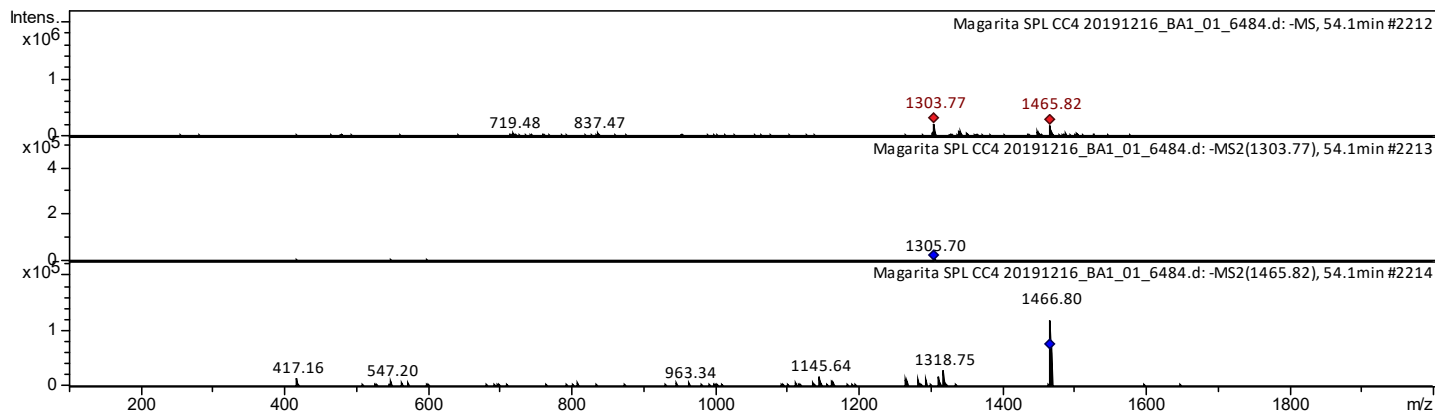


Figure S27: LC-ESI-MS/MS of resin glycoside m/z 1465 $[M-H]^-$ from CC4 at 54.1 min.

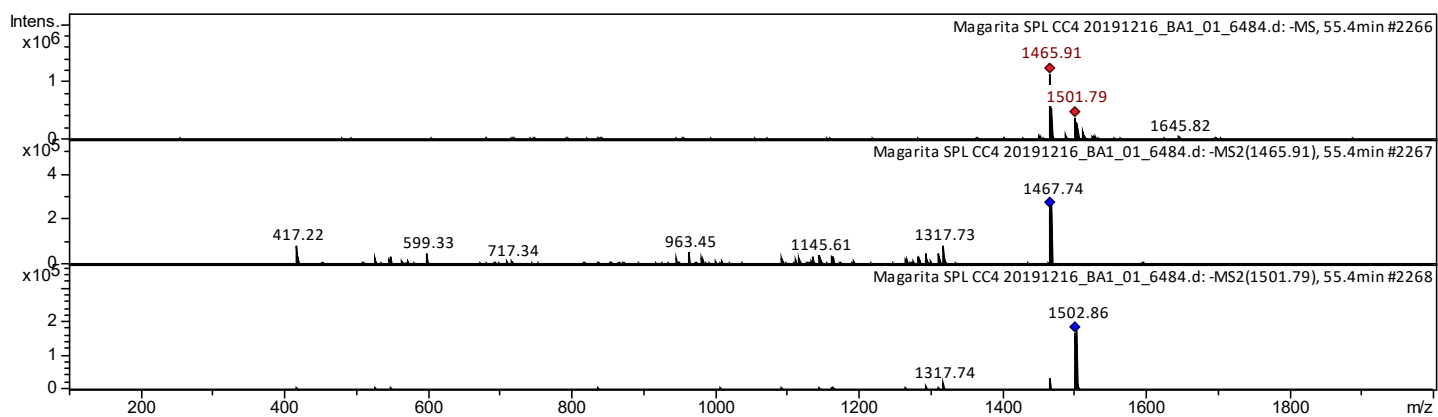


Figure S28: LC-ESI-MS/MS of resin glycoside m/z 1465 $[M-H]^-$ from CC4 at 55.4 min.