## Supplementary Figure 11 - Substrates and products profiles during aerobic batch cultivation in bioreactors of IMF41, IMF42 and IMF48.

**A)** IMF41 (Cir, 1x *coAtCHS3*), **B)** IMF42 (Lin, 1x *coAtCHS3*), and **C)** IMF48 (Lin, 9x *coAtCHS3, coAtANS*), were grown at 30°C in aerobic batch cultures in bioreactors, in chemically defined medium with 20 g L-1 glucose as sole carbon source (SMD). Biological duplicates were performed and are shown in two columns as #1 and #2.

Row 1) ■ CDW ( g L-1), ○ Glucose (mM), ● EtOH (mM), ⯆ PYR (mM), △ Glyc (mM)

Row 2) ■ PPY (mM), ⯅ COUM (mM), ● Phlor (mM), ⯆ *p*OH2PE (mM)

Row 3) ■ DHK (mM), ⯅ PEL (mM), ⯀ KEA (mM) **○** K3G (mM)⯆ P3G (µM)





