

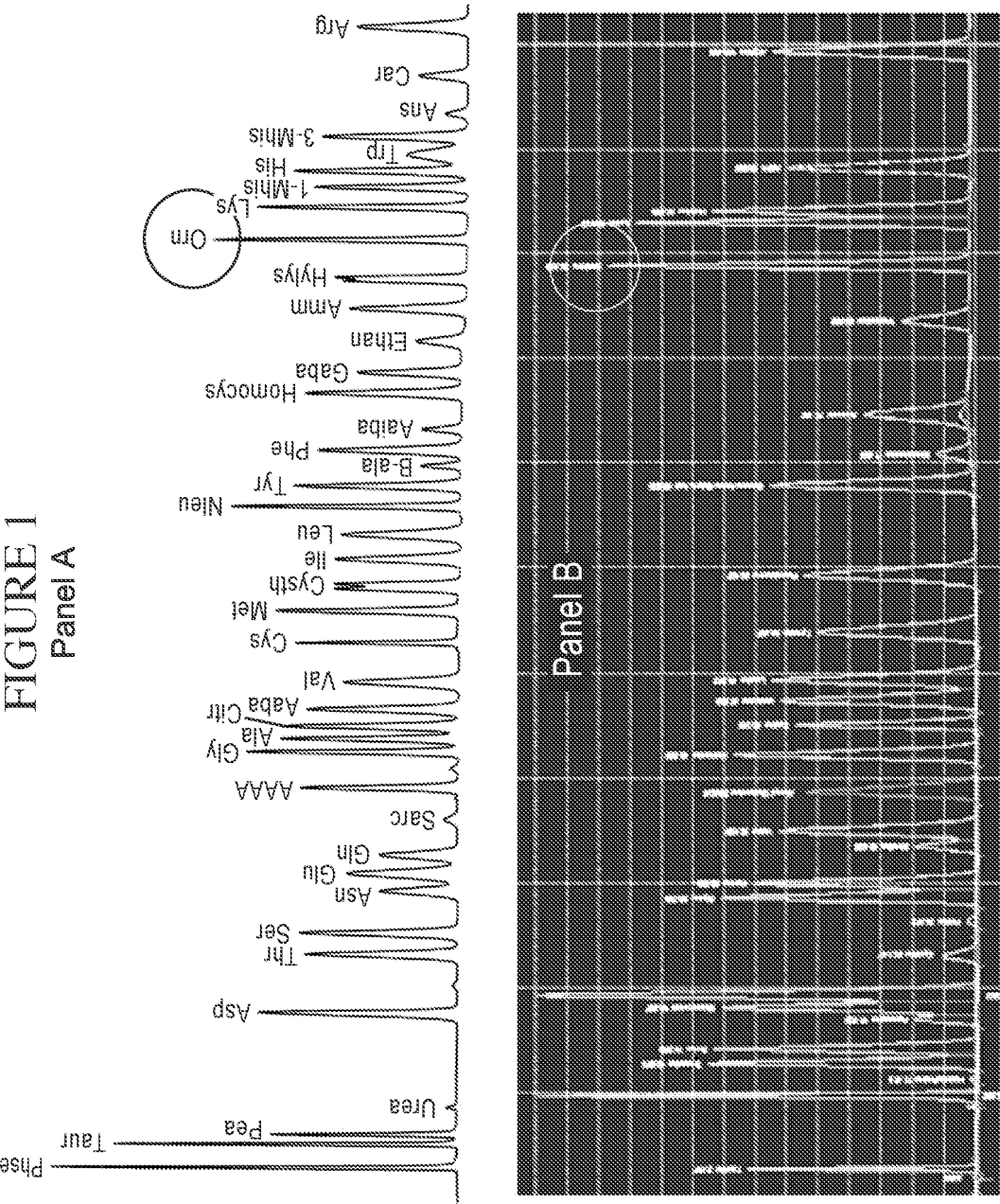


FIGURE 2

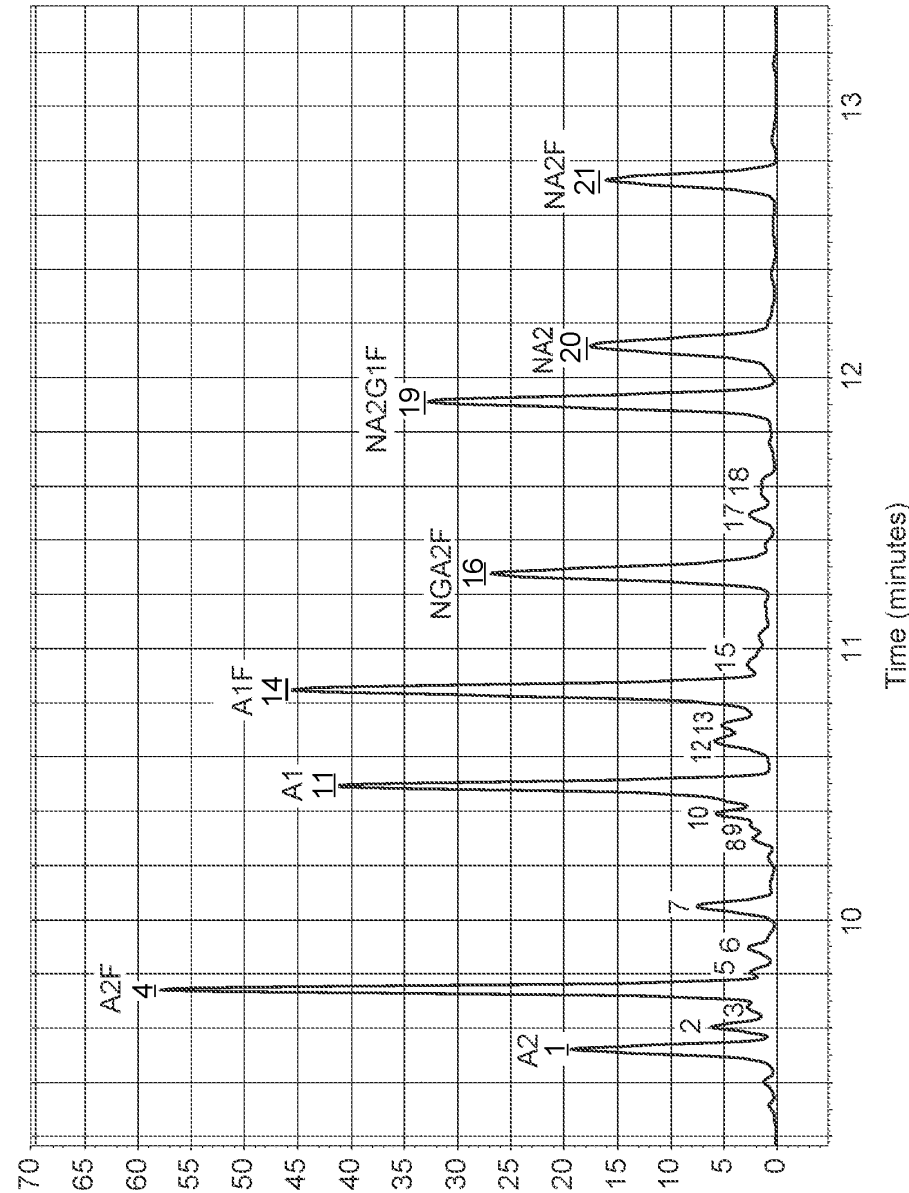


FIGURE 3

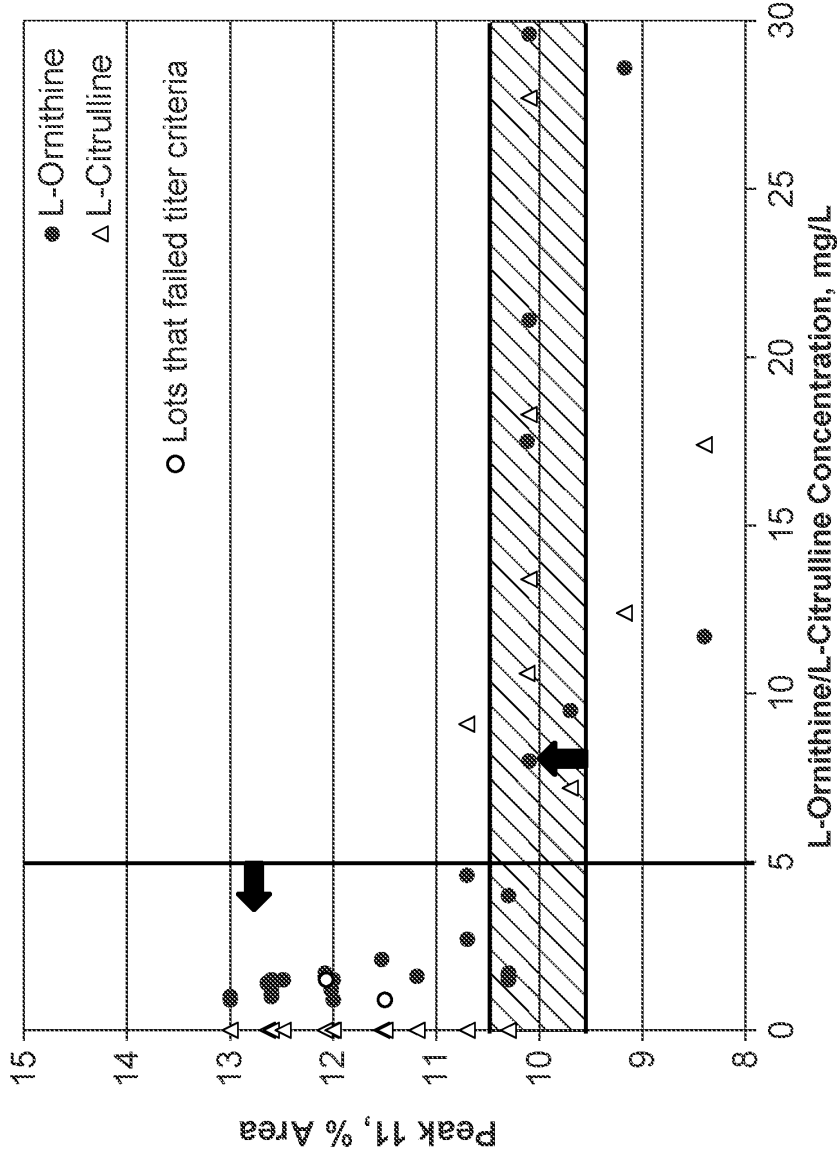
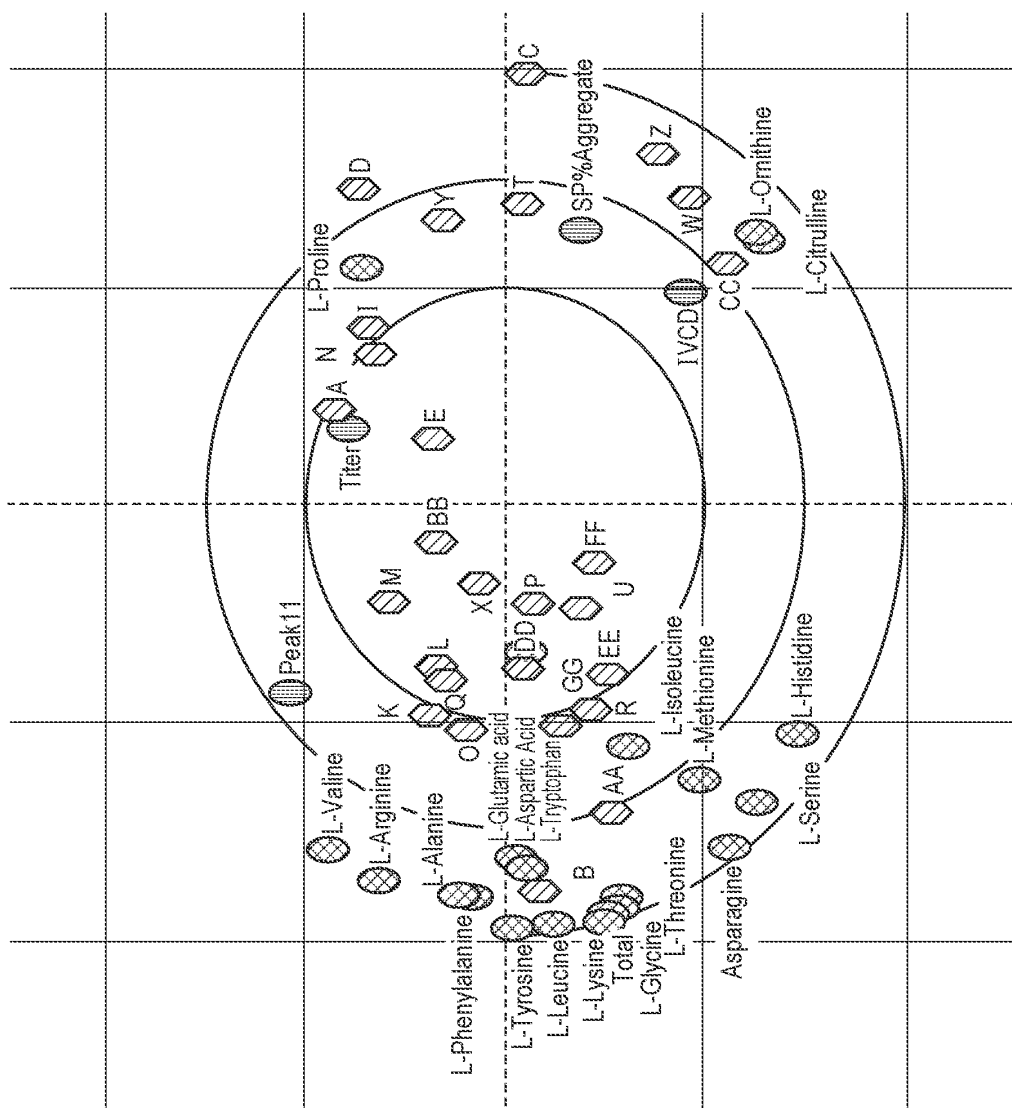


FIGURE 4



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FIGURE 5

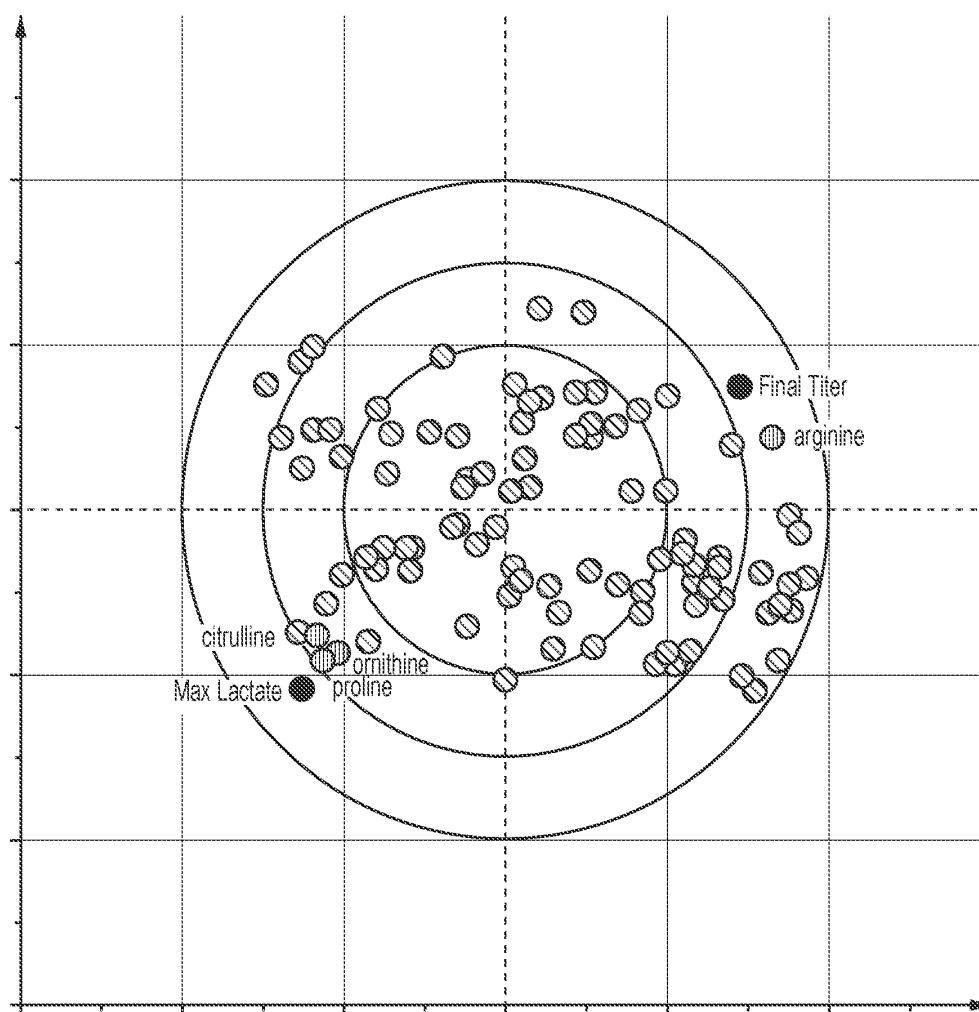


FIGURE 6A

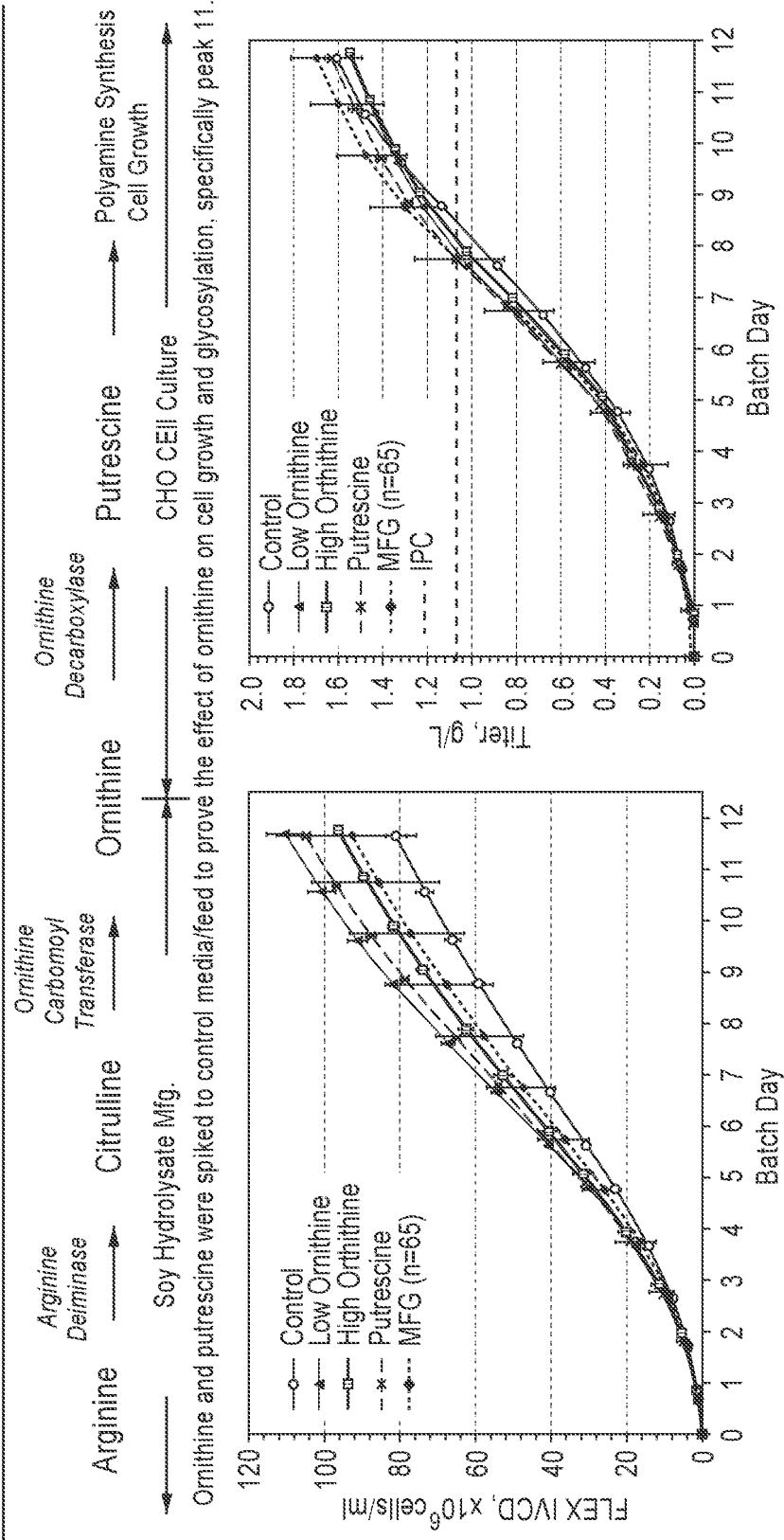


FIGURE 6B

Condition	Control	Low Orn. Spike	High Orn. Spike	Putrescine Spike
Conc., mg/L	1.6	6.6	31.6	36.6
Titer, g/L	1.61	1.55	1.55	1.63
IVCD, x10 ⁶ cells-day/ml	80.9	110.4	96.2	104.8
Peak 11, %	12.5	9.8	9.3	9.0