Table 1

Material	Ethanol Conversion (%)					Ethylene Selectivity (%)				
Temperature	220°C	240°C	260°C	280°C	300°C	220°C	240°C	260°C	280°C	300°C
HZSM-5	51.26	74.33	69.57	69.60	93.82	0.00	17.53	30.86	55.76	92.24
1%-W/HZSM-5	96.20	97.77	99.93	99.95	99.93	94.20	95.55	99.84	99.90	99.88

*Overall WHSV: 1.8/hour; Ethanol WHSV: 0.3/hour