Ignition Delay Sensitivity, 40 atm, 689 K

Legend:
- $\phi = 0.5$ (blue)
- $\phi = 1.0$ (red)
- $\phi = 2.0$ (teal)

Reactions (top to bottom):
- ic5ketdb⇒ch3coch3+ch2cho+oh
- ic5h9oh-4ooh-1+o2⇔ic5h9oh-4ooh-1o2
- ch2o+oh⇔hco+h2o
- ic5h10oh-4o2⇔ic5h9oh-4ooh-2
- ic5h9oh-3ooh-1+o2⇔ic5h9oh-3ooh-1o2
- ic5h10oh-3o2 (ROO)⇔ic5h9oh-3ooh-1 (QOOH)
- ic5h10oh-3o2⇒tc4h8o2h-i+ch2o
- ic5h11oh+ho2⇔γ-hydroxypentyl+h2o2
- 2ho2⇔h2o2+o2
- ic5h11oh+oh⇔δ-hydroxypentyl+h2o
- ic5h11oh+ho2⇔α-hydroxypentyl+h2o2
- α-hydroxypentyl+o2⇔ic5h10oh-1o2 (ROO)
- ic5h11oh+oh⇔γ-hydroxypentyl+h2o
- α-hydroxypentyl+o2⇔iso-pentanal+ho2
- ic5h11oh+oh⇔α-hydroxypentyl+h2o

Percent Sensitivity, %