Multi-Scale Traffic Controller Performance

Peak Performance: 98.6% wait time reduction

Legend:
- Fixed-Time
- Adaptive-Fixed
- RL-Agent

Y-axis: Average Vehicle Wait Time (seconds)
X-axis: Test Duration

Short-term:
- Fixed-Time: 2.812s
- Adaptive-Fixed: 2.313s
- RL-Agent: 0.074s

Medium-term:
- Fixed-Time: 1.122s
- Adaptive-Fixed: 0.972s
- RL-Agent: 0.018s

Long-term:
- Fixed-Time: 0.280s
- Adaptive-Fixed: 0.243s
- RL-Agent: 0.004s