Wireshark - Anomaly Detection

Problem: analyze a suspicious situation comprising having two different ARP responses for a particular IP address.

Goal: Filter traffic to flag any ARPs coming from the gateway's IP address that are not the gateway's MAC address.

Process:

- Create profile for filtering ARP Anomaly Detection
- Right-click "Sender IP address" and select "Prepare as filter" and check "Selected"
- Right-click "Opcode and select "Prepare as filter" and check "... and Selected"
- Identify a true response from the gateway and exclude that:
 - Right-click "Sender MAC address" and select "Prepare as filter" and check "... and not Selected"
- Filtered Result:

