

# LC Method -- 1290 Gradient



Agilent 1290 LC (Gradient can be extended for larger delayed volumes on non 1290 models)

**Column** ZORBAX Eclipse Plus C18 2.1x50 mm 1.8 um  
(Part number: 959757-902)

**Column temperature** ambient

**Injection volume** 2.0  $\mu$ L

**Autosampler temp** 4  $^{\circ}$ C

**Needle wash** flushport (methanol : water 75:25, 0.1% formic acid), 10 seconds

**Mobile phase**  
A = 0.1% formic acid in water  
B = 0.1% formic acid in acetonitrile

**flow rate** 0.4 mL/min

**Gradient** 0 min 10% B

0.2 min 10% B

0.8 min 98% B

1.0 min 98% B

1.01 min 10% B

Stop time: 2 min

# LC Method -- 1260 Gradient



Agilent 1260 LC (Gradient extended for larger delayed volumes as compared to 1290 models)

**Column** ZORBAX Eclipse Plus C18 2.1x50 mm 1.8  $\mu$ m  
(Part number: 959757-902)

**Column temperature** ambient

**Injection volume** 2.0  $\mu$ L

**Autosampler temp** 4  $^{\circ}$ C

**Needle wash** flushport (methanol : water 75:25, 0.1% formic acid), 10 seconds

**Mobile phase**  
A = 0.1% formic acid in water  
B = 0.1% formic acid in acetonitrile

**flow rate** 0.40 mL/min

**Gradient**

0 min	10% B
1.0 min	98% B
2.0 min	98% B
2.01 min	10% B

Stop time: 4 min

# MS Method -- G6490A



G6490A remains the same standard checkout method

## ***ESI with AJS Parameters***

Gas temperature	200 °C
Drying gas (nitrogen)	12 L/min
Nebulizer gas (nitrogen)	20 psi
Sheath gas temperature	400 °C
Sheath gas flow	12 L/min
Nozzle voltage	500 V
Capillary voltage	3500 V

## ***Delta EMV***

200 V

## ***Time Filtering***

peak width  
0.03 min

## ***Transition***

609.3 - 195.1, dwell time 200 ms, CE = 41 eV  
Fragmentor is fixed!

## ***Collison Cell Acc V***

3V

# MS Method -- G6460A



G6460A using ESI with AJST

## ***ESI with AJS Parameters***

Gas temperature	325 °C
Drying gas (nitrogen)	10 L/min
Nebulizer gas (nitrogen)	20 psi
Sheath gas temperature	400 °C
Sheath gas flow	12 L/min
Nozzle voltage	0 V
Capillary voltage	4000 V

## ***Delta EMV***

### ***Time Filtering***

200 V  
peak width  
0.03 min

## ***Transition***

609.3 - 195.1, dwell time 200 ms, CE = 41 eV  
Fragmentor = 150 V

## ***Collision Cell Acc V***

4 V

# MS Method -- G6420A/G6430A



## ***ESI***

Gas temperature	350 °C
Drying gas (nitrogen)	10 L/min
Nebulizer gas (nitrogen)	35 psi

Capillary voltage	4000 V
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<b><i>Delta EMV</i></b>	200 V
<b><i>Time Filtering</i></b>	peak width 0.03 min

<b><i>Transition</i></b>	609.3 - 195.1, dwell time 200 ms, CE = 41 eV Fragmentor = 240 V
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<b><i>Collision Cell Acc V</i></b>	4 V
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