

Injection Source and Location

Injection Source: GC Injector

Injection Location: Front

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Agilent 7890B

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Oven
Equilibration Time 0.3 min
Max Temperature 300 degrees C
Slow Fan Disabled
Oven Program On
 35 °C for 5 min
 then 8 °C/min to 80 °C for 1 min
 then 9 °C/min to 150 °C for 1 min
 then 20 °C/min to 220 °C for 6 min
Run Time 29.903 min

Front Injector
Syringe Size 10 µL
Injection Volume 0.2 µL
Solvent A Washes (PreInj) 0
Solvent A Washes (PostInj) 2
Solvent A Volume 8 µL
Solvent B Washes (PreInj) 0
Solvent B Washes (PostInj) 0
Solvent B Volume 8 µL
Sample Washes 4
Sample Wash Volume 8 µL
Sample Pumps 6
Dwell Time (PreInj) 0 min
Dwell Time (PostInj) 0 min
Solvent Wash Draw Speed 300 µL/min
Solvent Wash Dispense Speed 6000 µL/min
Sample Wash Draw Speed 300 µL/min
Sample Wash Dispense Speed 6000 µL/min
Injection Dispense Speed 6000 µL/min
Viscosity Delay 1 sec
Sample Depth Disabled
Injection Type Standard
L1 Airgap 0 µL

Sample Overlap
Sample overlap is not enabled

Front SS Inlet He
Mode Split
Heater On 250 °C
Pressure On 13 psi
Total Flow On 65.962 mL/min
Septum Purge Flow On 3 mL/min
Gas Saver On 25 mL/min After 1 min
Split Ratio 20 :1
Split Flow 59.963 mL/min

Column #1

Modified on: 7/29/2019 at 3:35:47 PM

DB-1

300 °C: 30 m x 320 µm x 3 µm

In: Front SS Inlet He

Out: Front Detector TCD

(Initial)

35 °C

Pressure

13 psi

Flow

2.9982 mL/min

Average Velocity

44.836 cm/sec

Holdup Time

1.1152 min

Pressure Program

On

13 psi for 14 min

Run Time

29.903 min

Column #2

DB-WAX

300 °C: 30 m x 320 µm x 0.5 µm

In: Front SS Inlet He

Out: Back Detector TCD

(Initial)

35 °C

Pressure

13 psi

Flow

3.1937 mL/min

Average Velocity

46.275 cm/sec

Holdup Time

1.0805 min

Pressure Program

On

13 psi for 14 min

Run Time

29.903 min

Front Detector TCD

Heater

On 250 °C

Reference Flow

On 20 mL/min

Makeup Flow

On 6 mL/min

Const Col + Makeup

Off

Negative Polarity

Off

Filament

On

Back Detector TCD

Heater

On 250 °C

Reference Flow

On 20 mL/min

Makeup Flow

On 6 mL/min

Const Col + Makeup

Off

Negative Polarity

Off

Filament

On

Signals

Front Signal

Save On

5 Hz

Back Signal

Save On

5 Hz

None

None