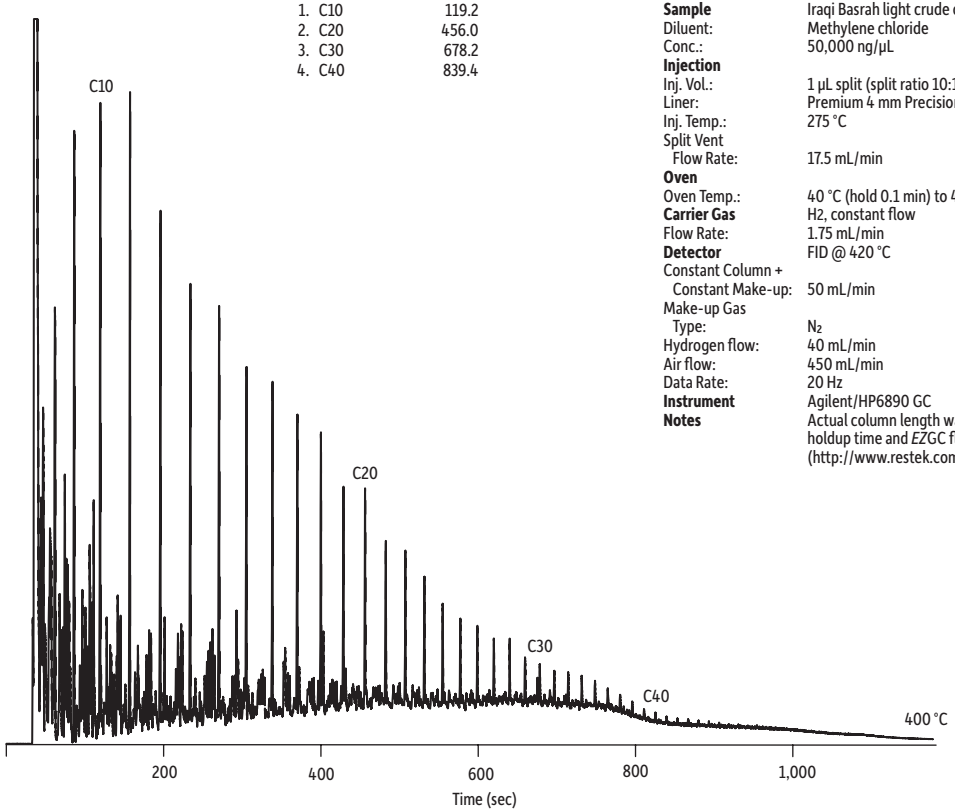
Iraqi Basrah Light Crude Oil on Rxi-1HT (15 m x 0.25 mm x 0.10 µm)

Peaks	t_R (sec)
1. C10	119.2
2. C20	456.0
3. C30	678.2
4. C40	839.4



GC_EV1370

Column	Rxi-1HT, 15 m, 0.25 mm ID, 0.10 µm (cat.# 13950)
Sample	Iraqi Basrah light crude oil
Diluent:	Methylene chloride
Conc.:	50,000 ng/µL
Injection	
Inj. Vol.:	1 µL split (split ratio 10:1)
Liner:	Premium 4 mm Precision liner w/wool (cat.# 23305)
Inj. Temp.:	275 °C
Split Vent Flow Rate:	17.5 mL/min
Oven	
Oven Temp.:	40 °C (hold 0.1 min) to 400 °C at 20 °C/min (hold 1.9 min)
Carrier Gas	H2, constant flow
Flow Rate:	1.75 mL/min
Detector	FID @ 420 °C
Constant Column + Constant Make-up:	50 mL/min
Make-up Gas Type:	N_2
Hydrogen flow:	40 mL/min
Air flow:	450 mL/min
Data Rate:	20 Hz
Instrument	Agilent/HP6890 GC
Notes	Actual column length was calculated to be 15.7 m using holdup time and *EZ*GC flow calculator (http://www.restek.com/ezgc-mtfc).

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