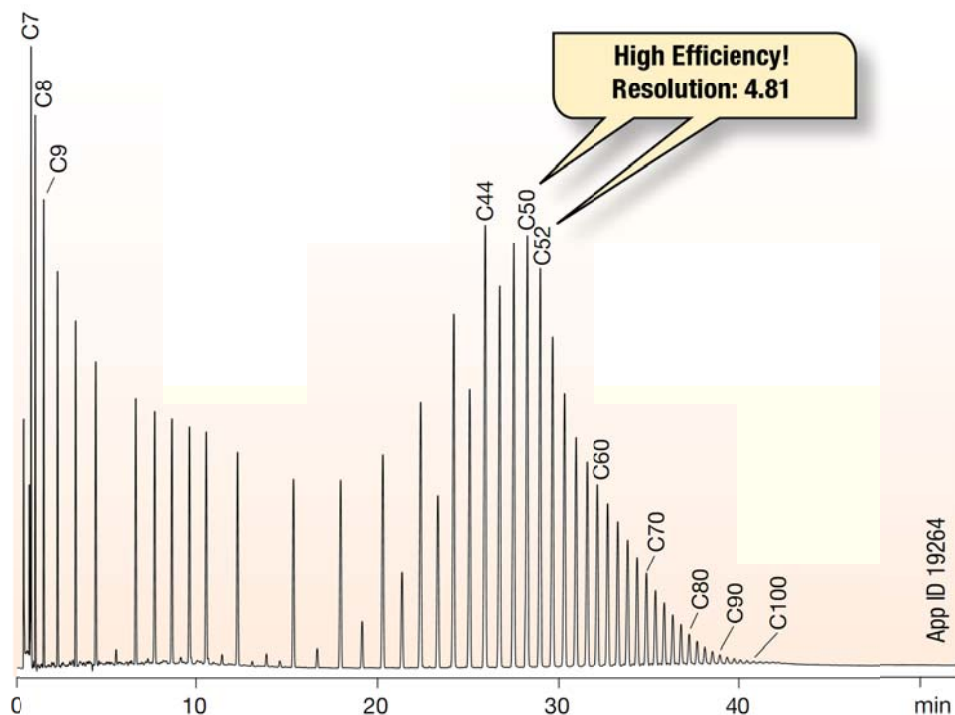


## Примеры хроматограмм ZB-1XT

### Hydrocarbons C7-C100+: ASTM Method D7169



**Column:** Zebron ZB-1XT SimDist

**Dimensions:** 5 meter x 0.53 mm x 0.15  $\mu$ m

**Part No.:** 7AK-G026-05

**Injection:** On-Column @ 33  $^{\circ}$ C, 1  $\mu$ L

**Carrier Gas:** Helium @ 7 mL/min (constant flow)

**Oven Program:** 30  $^{\circ}$ C to 450  $^{\circ}$ C @ 10  $^{\circ}$ C/min for 10 min

**Detector:** FID @ 450  $^{\circ}$ C

**Sample:** C7 to C44 hydrocarbons and POLYWAX<sup>®</sup> 655

Note: Sample in CS<sub>2</sub>. Chromatogram is baseline subtracted.

**ГСМ и топлива**

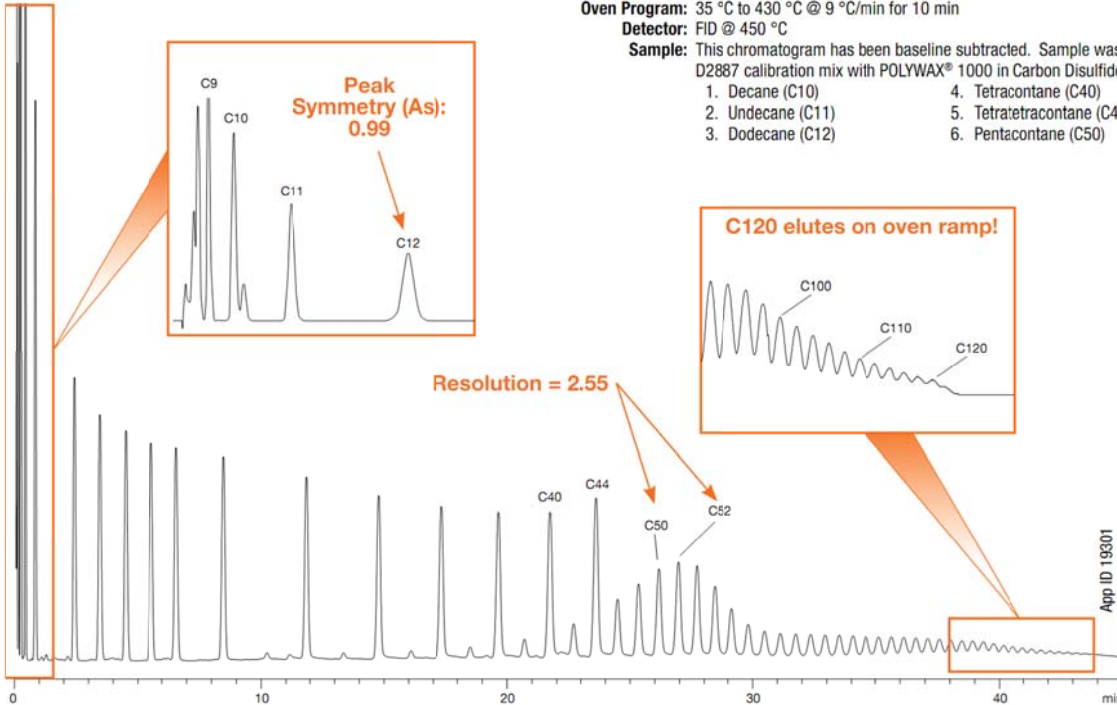
**PETROLEUM / FUEL**

**C9 – C120 Standard: ASTM Method D 7169**

**Column:** Zebron ZB-1XT SimDist  
**Dimensions:** 5 meter x 0.53 mm x 0.09 µm  
**Part No.:** 7AK-G026-55  
**Injection:** On-Column @ 38 °C, 1 µL  
**Carrier Gas:** Helium @ 34 mL/min (constant flow)  
**Oven Program:** 35 °C to 430 °C @ 9 °C/min for 10 min  
**Detector:** FID @ 450 °C

**Sample:** This chromatogram has been baseline subtracted. Sample was ASTM D2887 calibration mix with POLYWAX® 1000 in Carbon Disulfide (CS<sub>2</sub>).

- |                   |                           |                         |
|-------------------|---------------------------|-------------------------|
| 1. Decane (C10)   | 4. Tetracosane (C40)      | 7. Dopentacontane (C52) |
| 2. Undecane (C11) | 5. Tetraetracontane (C44) | 8. Hectane (C100)       |
| 3. Dodecane (C12) | 6. Pentacontane (C50)     | 9. Decahectane (C110)   |
|                   |                           | 10. Icosahectane (C120) |



**Yeates Crude Oil**

**Column:** Zebron ZB-1XT SimDist  
**Dimensions:** 5 meter x 0.53 mm x 0.09 µm  
**Part No.:** 7AK-G026-55  
**Injection:** On-Column @ 38 °C, 1 µL  
**Carrier Gas:** Helium @ 15 mL/min (constant flow)  
**Oven Program:** 35 °C to 450 °C @ 10 °C/min for 20 min  
**Detector:** FID @ 450 °C  
**Sample:** Sample is 1 % in (CS<sub>2</sub>). Chromatogram is baseline subtracted.

**C5 – C44: ASTM Method D 2887**

**Column:** Zebron ZB-1XT SimDist  
**Dimensions:** 10 meter x 0.53 mm x 2.65 µm  
**Part No.:** 7CK-G026-35  
**Injection:** On-Column @ 38 °C, 1 µL  
**Carrier Gas:** Helium @ 15 mL/min (constant flow)  
**Oven Program:** 35 °C to 350 °C @ 20 °C/min for 10 min  
**Detector:** FID @ 370 °C

**Sample:** Sample 0.01 % in (CS<sub>2</sub>). Chromatogram is baseline subtracted.

- |                       |                            |
|-----------------------|----------------------------|
| 1. Pentane (C5)       | 11. Hexadecane (C16)       |
| 2. Hexane (C6)        | 12. Heptadecane (C17)      |
| 3. Heptane (C7)       | 13. Octadecane (C18)       |
| 4. Octane (C8)        | 14. Eicosane (C20)         |
| 5. Nonane (C9)        | 15. Tetracosane (C24)      |
| 6. Decane (C10)       | 16. Octacosane (C28)       |
| 7. Undecane (C11)     | 17. Dotriacontane (C32)    |
| 8. Dodecane (C12)     | 18. Hexatriacontane (C36)  |
| 9. Tetradecane (C14)  | 19. Tetracontane (C40)     |
| 10. Pentadecane (C15) | 20. Tetraetracontane (C44) |

