

## Chiral Amphetamines with Ephedrines & Pseudoephedrines on Lux 3µm AMP 150x3mm

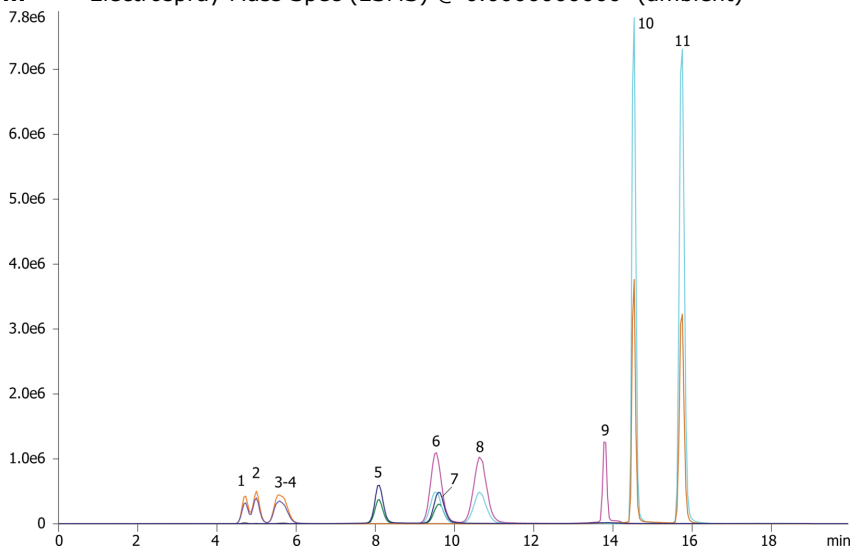
**Column:** Lux® 3 µm AMP, LC Column 150 x 3.0 mm, Ea  
**Dimensions:** 150 x 3 mm ID  
**Order No:** 00F-4751-Y0  
**Elution Type:** Gradient  
**Eluent A:** 5 mM Ammonium Bicarbonate, adjusted to pH 11 with ammonium hydroxide  
**Eluent B:** Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 40    | 60    |
|                   | 2        | 10         | 40    | 60    |
|                   | 3        | 11         | 5     | 95    |
|                   | 4        | 16         | 5     | 95    |
|                   | 5        | 16.1       | 40    | 60    |

**Flow Rate:** 0.42 mL/min

**Col. Temp.:** ambient

**Detection:** Electrospray Mass Spec (ESMS) @ 0.0000000000 (ambient)



Products used in this application:



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### ANALYTES:

- 1** 1S,2R(+)-Ephedrine
- 2** R,R(-)-Pseudoephedrine
- 3** S,S(+)-Pseudoephedrine
- 4** 1R,2S(-)-Ephedrine
- 5** R(-)-Amphetamine
- 6** R(-)-Methamphetamine
- 7** S(+)-Amphetamine
- 8** S(+)-Methamphetamine
- 9** Phentermine
- 10** MDMA
- 11** MDMA

