



Column: [Kinetex™ 2.6 µm C18 100 Å LC Column 100 x 2.1 mm](#)

Part No: [00D-4462-AN](#)

Dimensions: 100 x 2.1 mm ID

Elution Type: Gradient

Elution A: 5mM Ammonium acetate

Elution B: Acetonitrile

Gradient Profile:

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 2 | 0 | 90 | 10 |
| 3 | 10 | 55 | 45 |
| 4 | 10.01 | 10 | 90 |
| 5 | 12 | 10 | 90 |
| 6 | 12.01 | 90 | 10 |
| 7 | 16 | 90 | 10 |

Flow Rate: 400 µL/min

Col. Temp: ambient

Detection: Mass Spectrometer (MS) @ amu (22°C)

Compounds:

- 1- Phenobarbital-D5
- 2- Phenobarbital
- 3- Butalbital-D5
- 4- Butalbital
- 5- Pentobarbital
- 6- Amobarbital
- 7- Secobarbital