



**Column:** [Gemini® 5 µm C18 110 Å, LC Column 250 x 4.6 mm, Ea](#)

**Part No:** 00G-4435-E0

**Dimensions:** 250 x 4.6 mm ID

**Elution Type:** Gradient

**Elution A:** Methanol

**Elution B:** Water

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B
1	0	55	45
2	2	55	45
3	22	75	25
4	22.01	55	45
5	25	55	45

**Flow Rate:** 1 mL/min

**Col. Temp:** ambient

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 220 nm (22°C)

**Compounds:**

- 1- Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine(HMX)
- 2- Hexahydro-1,3,5-trinitro-1,3,5-triazine(RDX)
- 3- 1,3,5-Trinitrobenzene
- 4- Methy-2,4,6-trinitrophenylnitramine(Tetryl)
- 5- 1,3-Dinitrobenzene
- 6- Nitrobenzene
- 7- Nitroglycerin
- 8- 2,4,6-Trinitrotoluene(TNT)
- 9- 3,5-Dinitroaniline
- 10- 4-Amino-2,6 dinitrotoluene
- 11- 2 Amino-4,6 dinitrotoluene
- 12- 2,6-Dinitrotoluene
- 13- 2,4-Dinitrotoluene
- 14- Pentaerythritol tetranitrate(PETN)
- 15- 2-Nitrotoluene
- 16- 4-Nitrotoluene
- 17- 3-Nitrotoluene