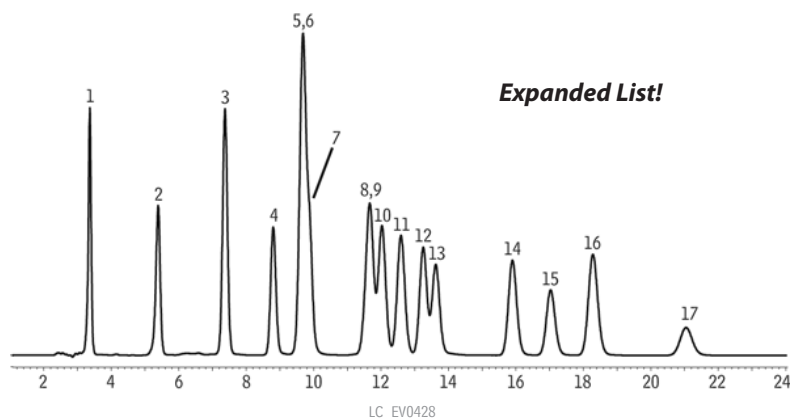


Explosives by EPA Method 8330B on Ultra C18

new!

Peak List	Ret. Time (min.)
1. HMX	3.38
2. RDX	5.41
3. 1,3,5-TNB	7.39
4. 1,3-DNB	8.82
5. 3,5-DNA	9.71
6. NB	9.71
7. tetryl	9.88
8. 2,4,6-TNT	11.69
9. NG	11.69
10. 2-A-4,6-DNT	12.05
11. 4-A-2,6-DNT	12.61
12. 2,4-DNT	13.27
13. 2,6-DNT	13.64
14. 2-NT	15.92
15. 4-NT	17.05
16. 3-NT	18.32
17. PETN	21.08



Column: Ultra C18
 Cat.#: 9174575
 Dimensions: 250mm x 4.6mm
 Particle size: 5µm
 Pore size: 100Å

Conditions:
 Mobile phase: water:methanol
 (44:56 v/v)
 Flow: 1.0mL/min.
 Temp.: 30°C
 Det.: UV detection @ 210nm

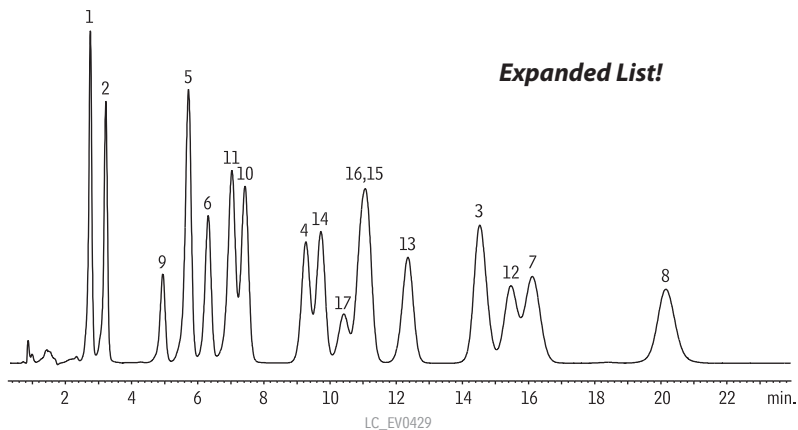
Sample: 50µg/mL each compound diluted in acetonitrile
 8330 Calibration Mix #1 (cat.# 31450)
 8330 Calibration Mix #2 (cat.# 31451)
 PETN Standard (cat.# 31600)
 3,5-dinitroaniline Reference Mix (cat.# 31661)
 Nitroglycerin Standard (cat.# 31498)

Inj.: 10µL

Explosives by EPA Method 8330B on Pinnacle™ II Biphenyl

new!

Peak List	Ret. Time (min.)
1. HMX	2.76
2. RDX	3.22
3. 1,3,5-TNB	14.54
4. 1,3-DNB	9.26
5. 3,5-DNA	5.73
6. NB	6.31
7. tetryl	16.12
8. 2,4,6-TNT	20.17
9. NG	4.94
10. 2-A-4,6-DNT	7.43
11. 4-A-2,6-DNT	7.02
12. 2,4-DNT	15.46
13. 2,6-DNT	12.36
14. 2-NT	9.73
15. 4-NT	11.07
16. 3-NT	11.07
17. PETN	10.43



Column: Pinnacle™ II Biphenyl
 Cat.#: 9209565-700
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 110Å

Conditions:
 Mobile phase: water:methanol
 (45:55 v/v)
 Flow: 1.2mL/min.
 Temp.: 30°C
 Det.: UV detection @ 210nm

Sample: 50µg/mL each compound diluted in acetonitrile
 8330 Calibration Mix #1 (cat.# 31450)
 8330 Calibration Mix #2 (cat.# 31451)
 PETN Standard (cat.# 31600)
 3,5-dinitroaniline Standard (cat.# 31661)
 Nitroglycerin Standard (cat.# 31498)

Inj.: 10µL