

Haloacetic Acids

US EPA Method 552.2

Rtx[®]-CLPesticides & Rtx[®]-CLPesticides2

Rtx[®]-CLPesticides

30m, 0.32mm ID, 0.50 μ m (cat.# 11139)

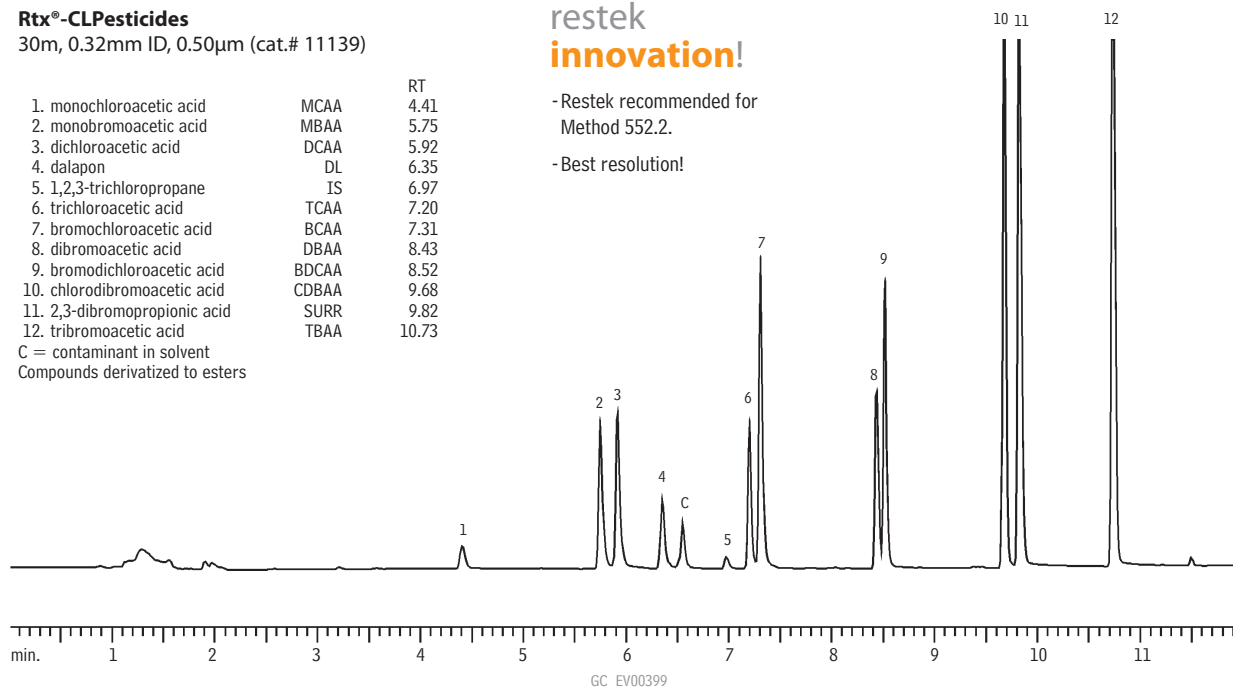
		RT
1. monochloroacetic acid	MCAA	4.41
2. monobromoacetic acid	MBAA	5.75
3. dichloroacetic acid	DCAA	5.92
4. dalapon	DL	6.35
5. 1,2,3-trichloropropane	IS	6.97
6. trichloroacetic acid	TCAA	7.20
7. bromochloroacetic acid	BCAA	7.31
8. dibromoacetic acid	DBAA	8.43
9. bromodichloroacetic acid	BDCAA	8.52
10. chlorodibromoacetic acid	CDBAA	9.68
11. 2,3-dibromopropionic acid	SURR	9.82
12. tribromoacetic acid	TBAA	10.73

C = contaminant in solvent
Compounds derivatized to esters

restek
innovation!

-Restek recommended for
Method 552.2.

-Best resolution!

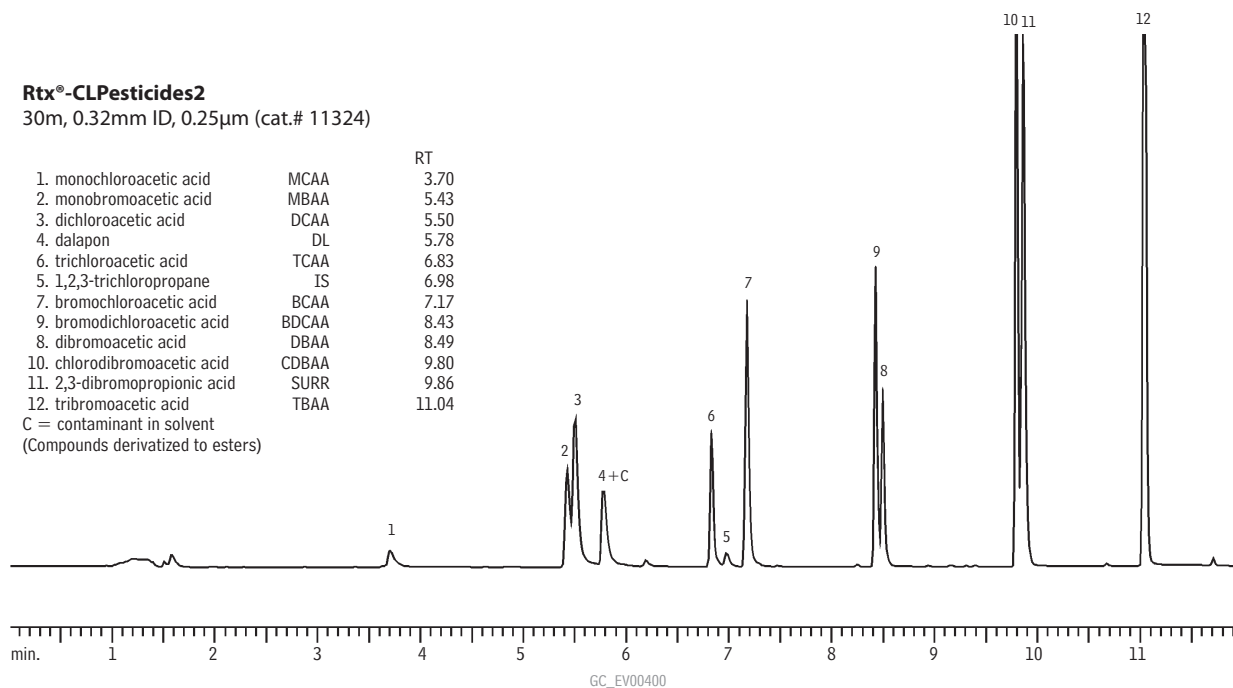


Rtx[®]-CLPesticides2

30m, 0.32mm ID, 0.25 μ m (cat.# 11324)

		RT
1. monochloroacetic acid	MCAA	3.70
2. monobromoacetic acid	MBAA	5.43
3. dichloroacetic acid	DCAA	5.50
4. dalapon	DL	5.78
6. trichloroacetic acid	TCAA	6.83
5. 1,2,3-trichloropropane	IS	6.98
7. bromochloroacetic acid	BCAA	7.17
9. bromodichloroacetic acid	BDCAA	8.43
8. dibromoacetic acid	DBAA	8.49
10. chlorodibromoacetic acid	CDBAA	9.80
11. 2,3-dibromopropionic acid	SURR	9.86
12. tribromoacetic acid	TBAA	11.04

C = contaminant in solvent
(Compounds derivatized to esters)



Sample: 2 μ L splitless injection of custom haloacetic acid methyl derivatives in MTBE (20-200 μ g/mL)
Oven temp.: 40°C (hold 4 min.) to 200°C @ 14°C/min.
Inj. temp.: 200°C
Carrier gas: helium
Linear velocity: 46cm/sec.
ECD temp.: 300°C