SUPPORTING INFORMATION

Supporting information consists of the chromatogram obtained when purifying the 2d-SYM18 conjugate by preparative HPLC, aminoacid structures, graphs of calibration curves illustrating the influence of different parameters on assay sensitivity, as well as the influence of organic solvent on the separation properties of the supports.

The following figures and graphs are provided:

1. Chromatogram corresponding to the purification of a 2d-SYM18 conjugate by preparative HPLC. The first peak ($t_r$ 36-38) corresponds to the unreacted SYM18 oligonucleotide, and the second one ($t_r$ 55-60) is the final conjugate. Eluate was collected from $t = 54$ min to $t = 62$ min. Retention times are different from those in the text due to column compaction.

2. Chemical structures of the aminoacids employed, at pH 7.0

3. Calibration plots for atrazine, comparing the two RAM supports.

4. Calibration plots for atrazine, comparing three injection volumes.

5. Influence of organic solvent percentage on the retention of the tracer, for the two RAM supports.

6. Influence of organic solvent percentage on the elution of the immunocomplex, for the two RAM supports.

7. Calibration plots for atrazine employing 15% organic modifier in the sample, for C4 support.

8. Calibration plots for atrazine employing 15% organic modifier in the sample, for C18 support.
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![Graph showing normalized signal (%)](image-url)
SUPPORTING INFORMATION

NORMALIZED SIGNAL (%)

[ATRAZINE] (µg/L)

No modifier
Methanol 15%
Isopropanol 15%
Acetonitrile 15%

NORMALIZED SIGNAL (%)

0.01 0.1 1 10 100 1000 10000

0 20 40 60 80 100

[ATRAZINE] (µg/L)