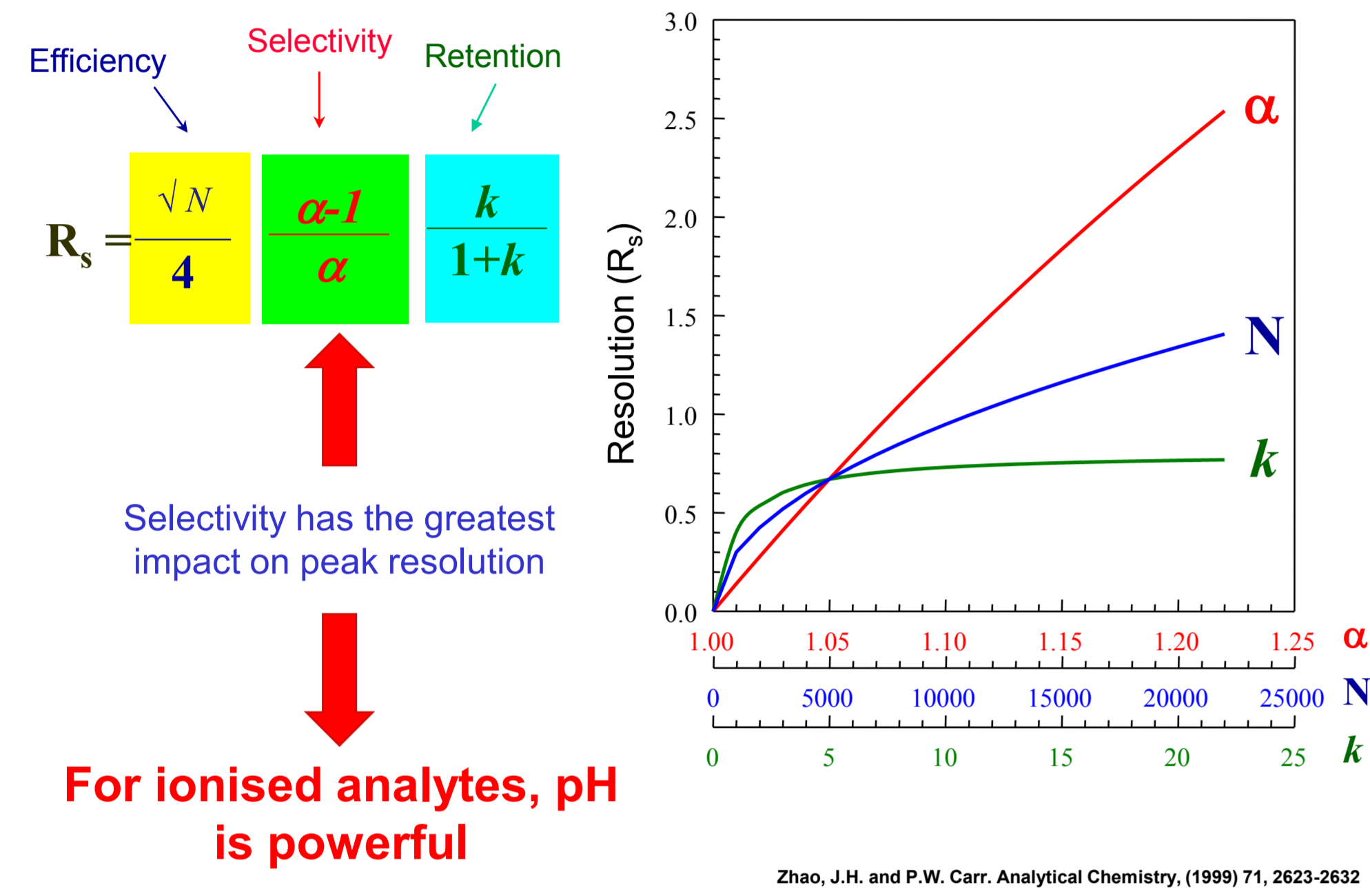


Alan P McKeown¹, Carl Zimmerman²

¹Advanced Chromatography Technologies Ltd, 1 Berry Street, Aberdeen, Scotland, AB25 1HF UK ²MACMOD Analytical Inc., 103 Commons Court, PO Box 587, Chadds Ford, PA 19317 USA

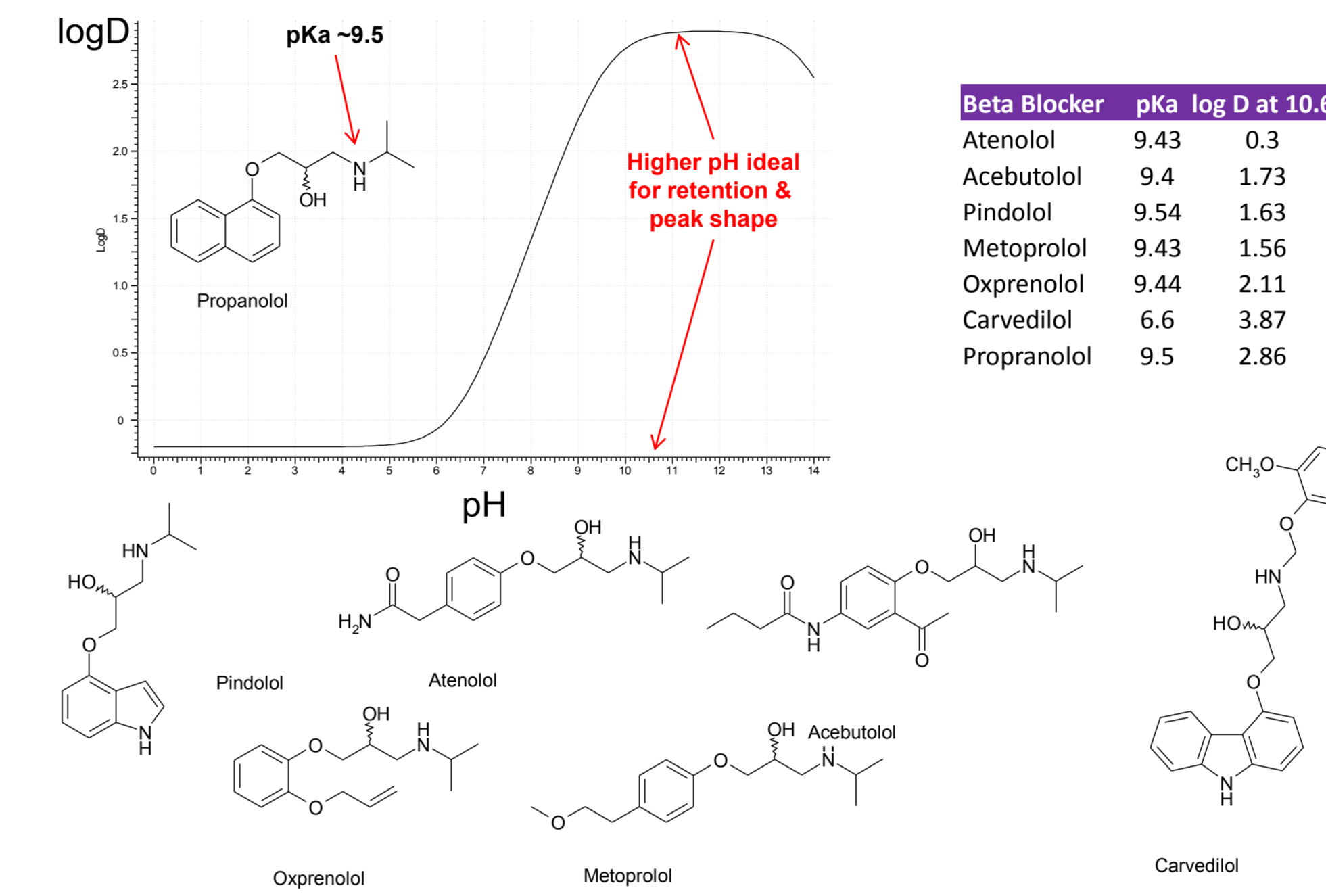
1. RESOLUTION: SELECTIVITY, EFFICIENCY & RETENTION



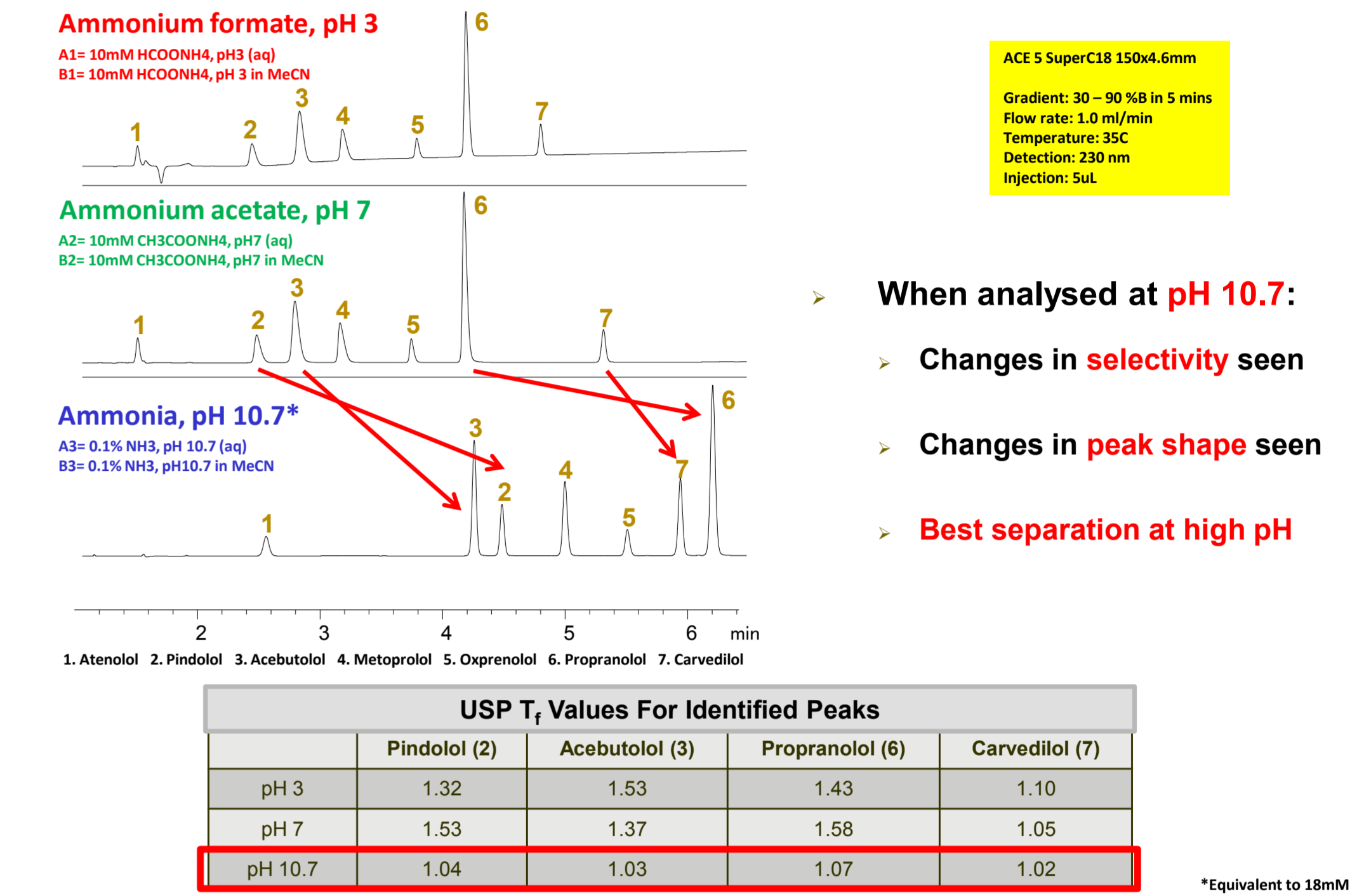
2. ACE® SuperC18™: A NEW OPTION FOR CHROMATOGRAPHERS

- Ultra-inert HPLC / UHPLC columns: extended pH stability (pH 1.5 – 11.5).
- Specially designed for high and low pH mobile phases with LC-MS buffers.
- Ultra-low phase bleed for improved LC-MS compatibility.
- Ideal for high pH prep apps eg isolations / purifications.
- Stable at low, medium and high pH eluents for >20,000 column volumes.

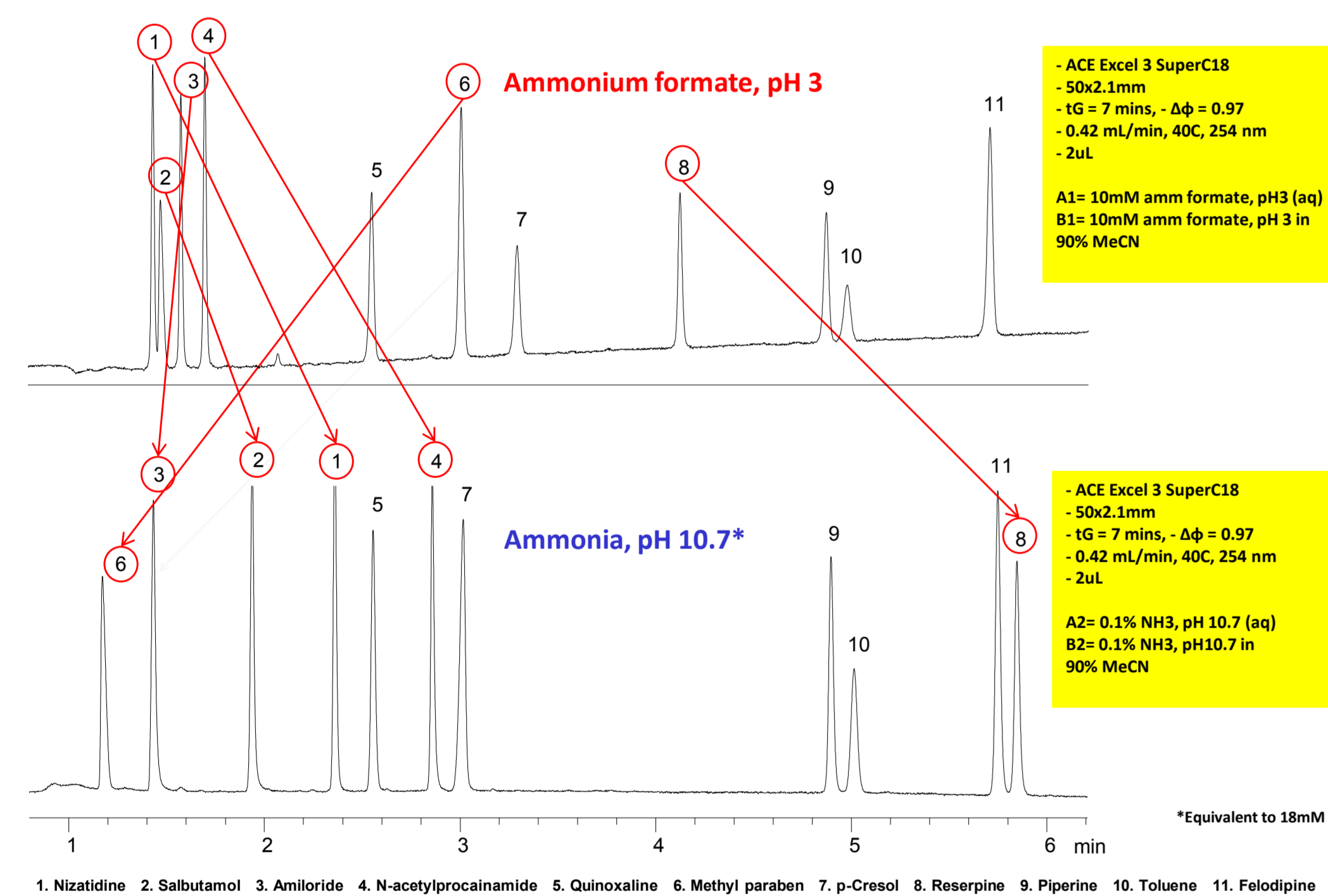
3. ANALYSIS OF 7 β -BLOCKERS ACROSS THE PH RANGE



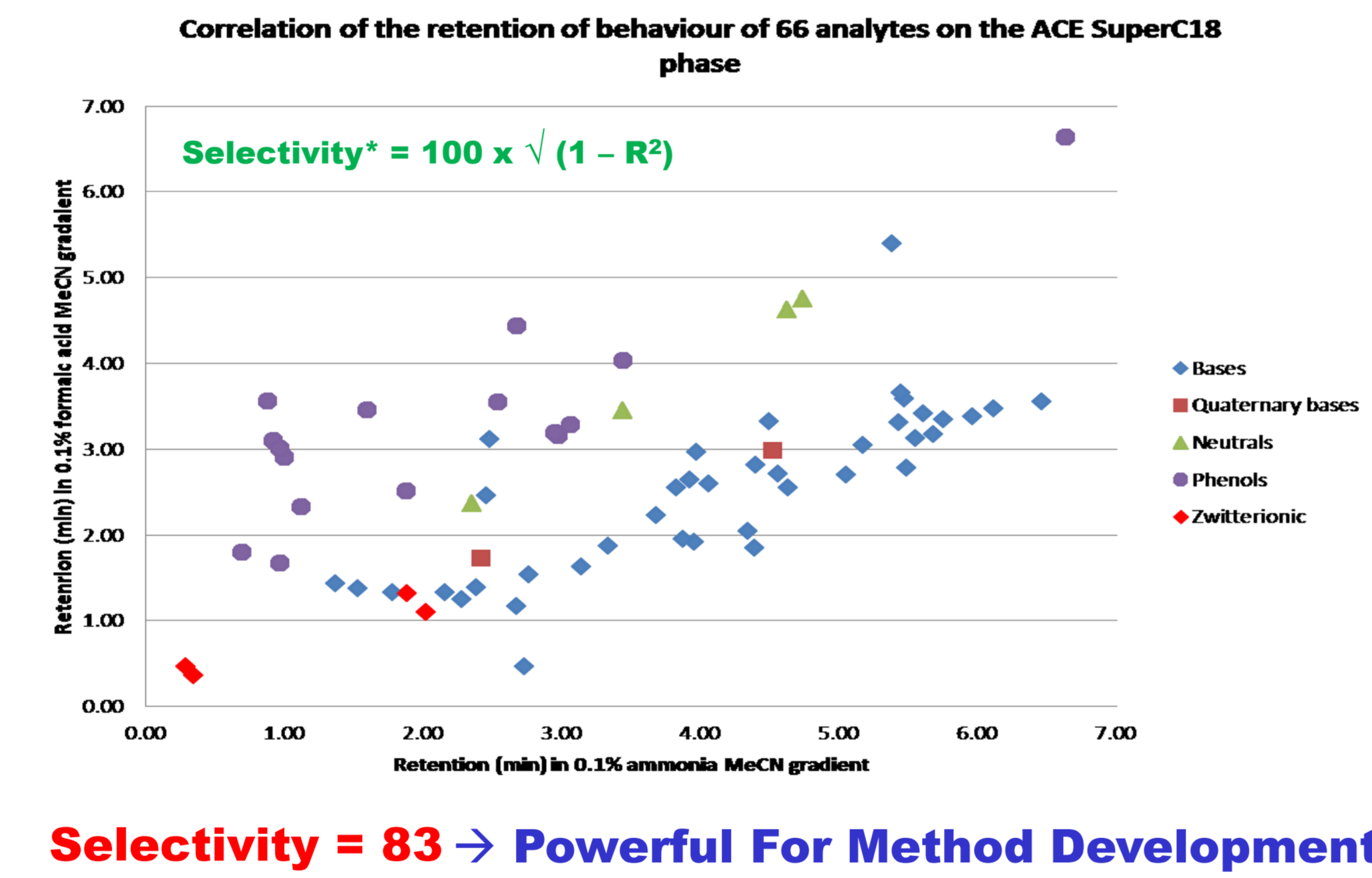
4. ANALYSIS OF 7 β -BLOCKERS ACROSS THE PH RANGE (2)



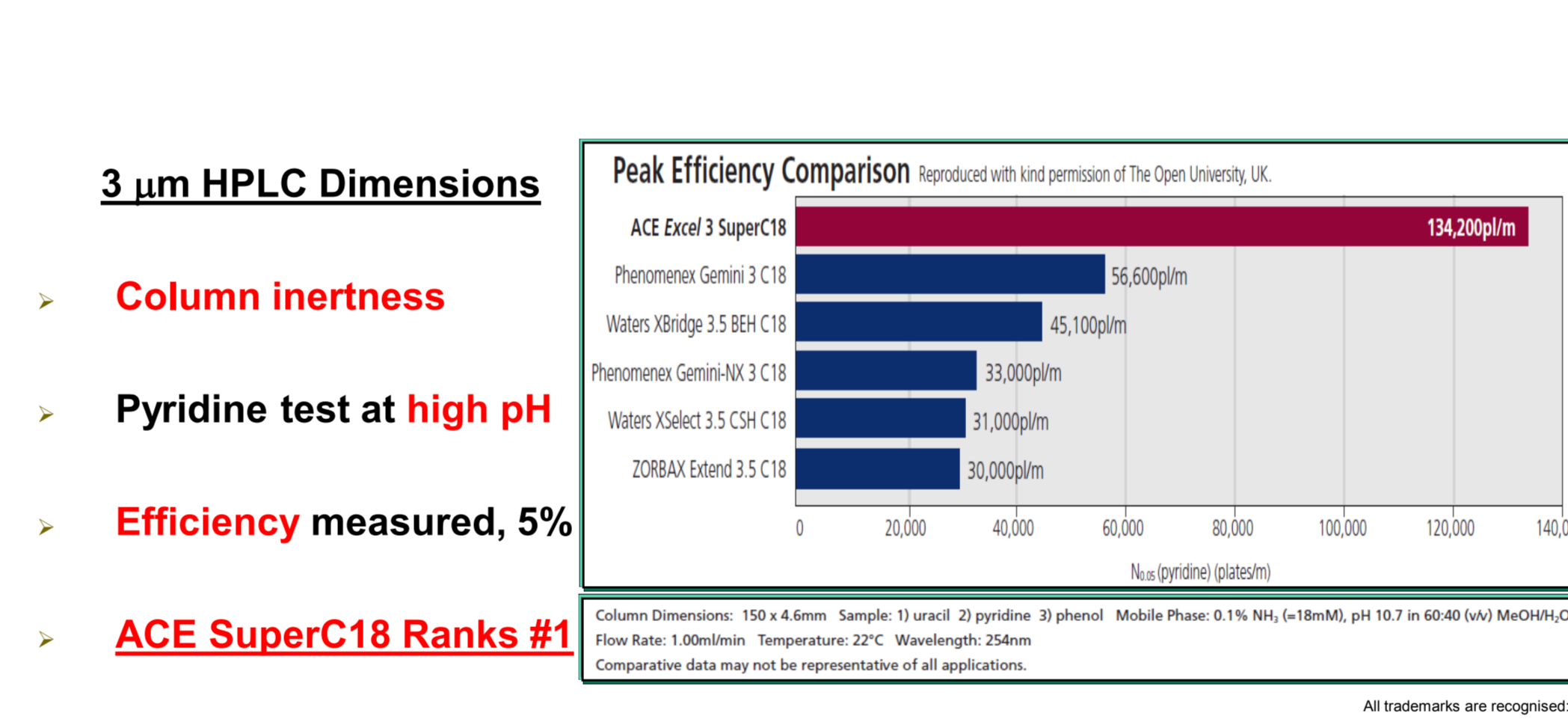
5. METHOD DEVELOPMENT: LOW / HIGH PH ELUENTS



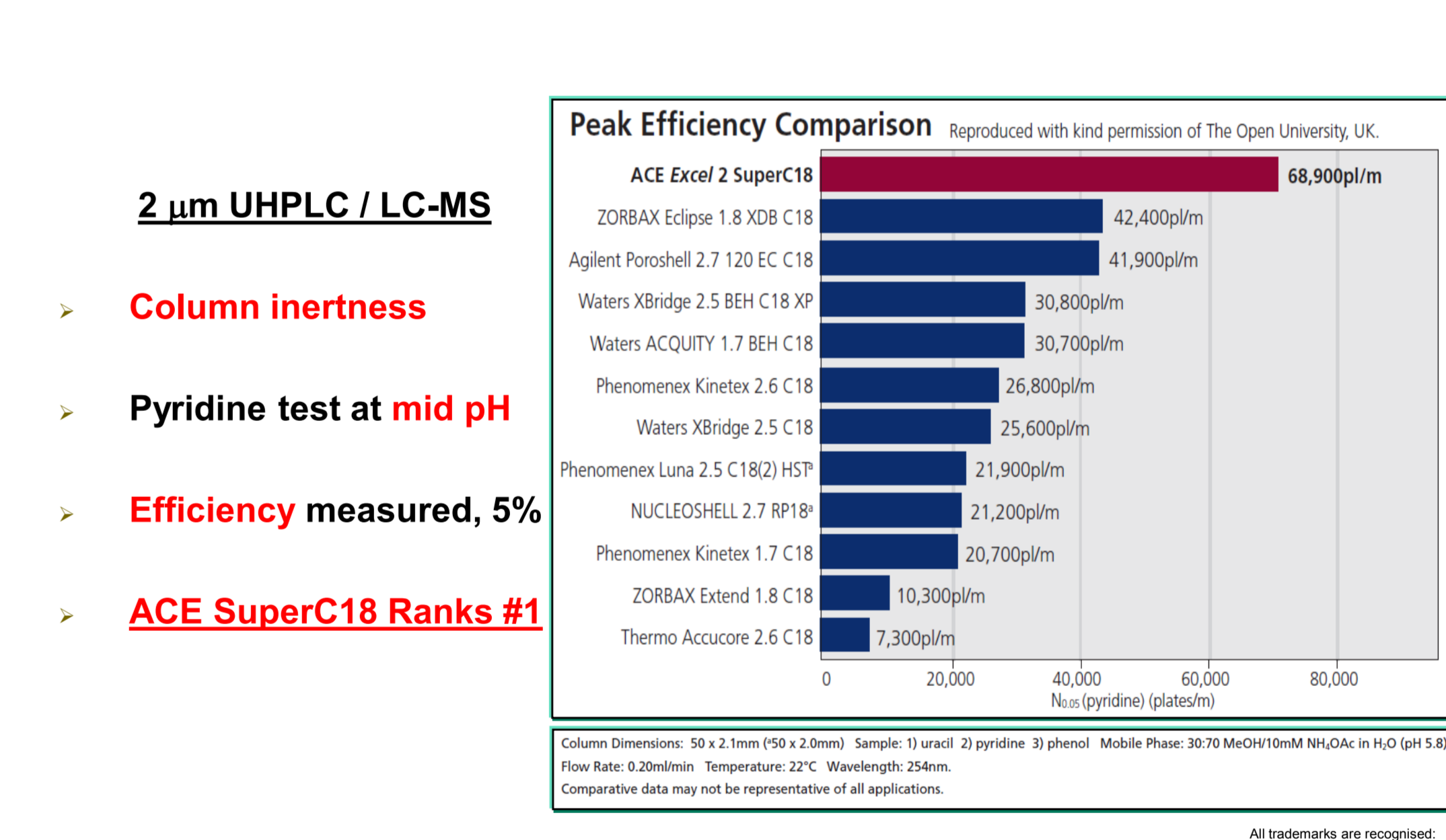
6. EXPLORING SELECTIVITY WITH LOW / HIGH PH ELUENTS



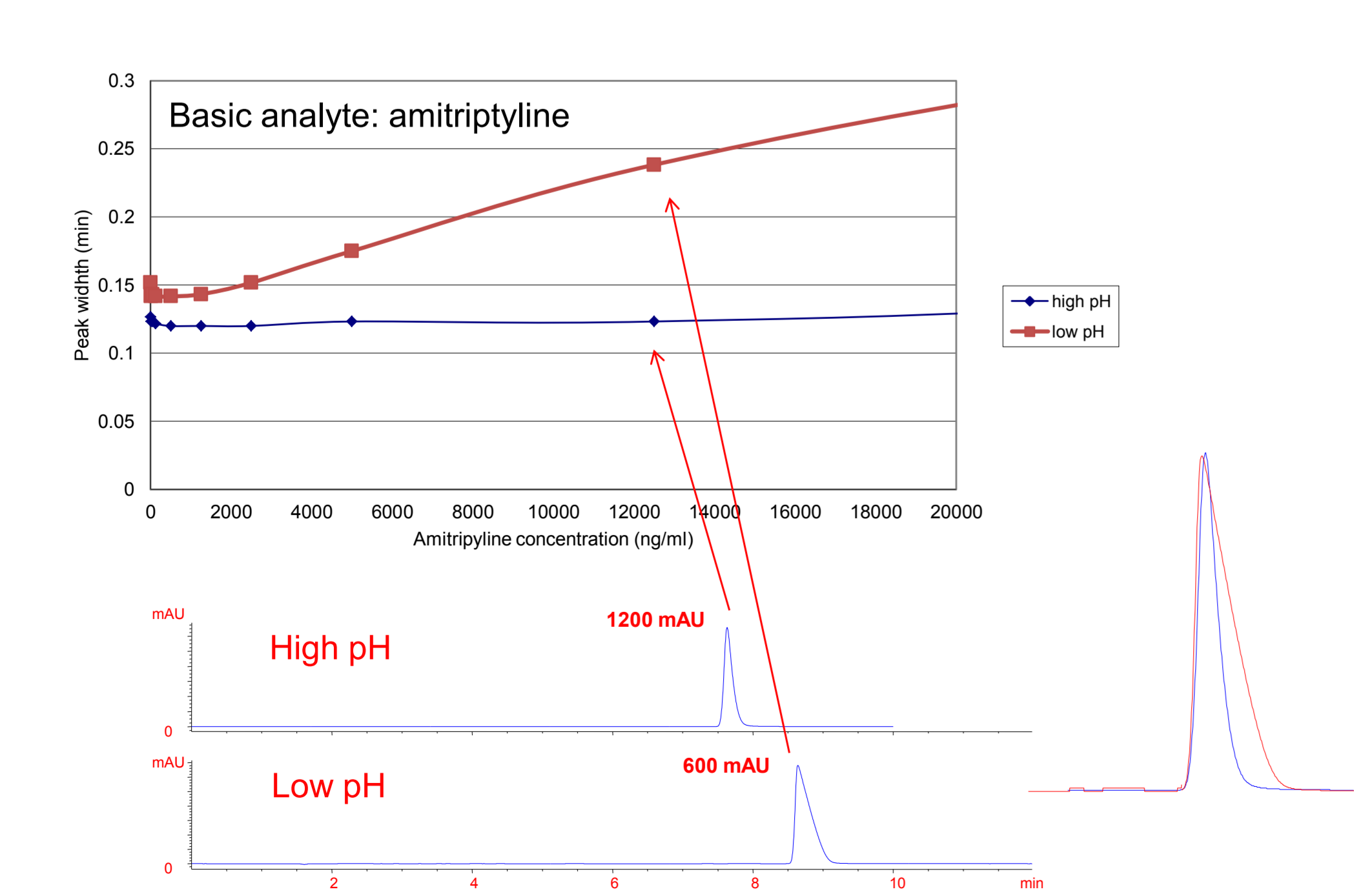
7. PHASE INERTNESS & PERFORMANCE: HPLC AT HIGH PH



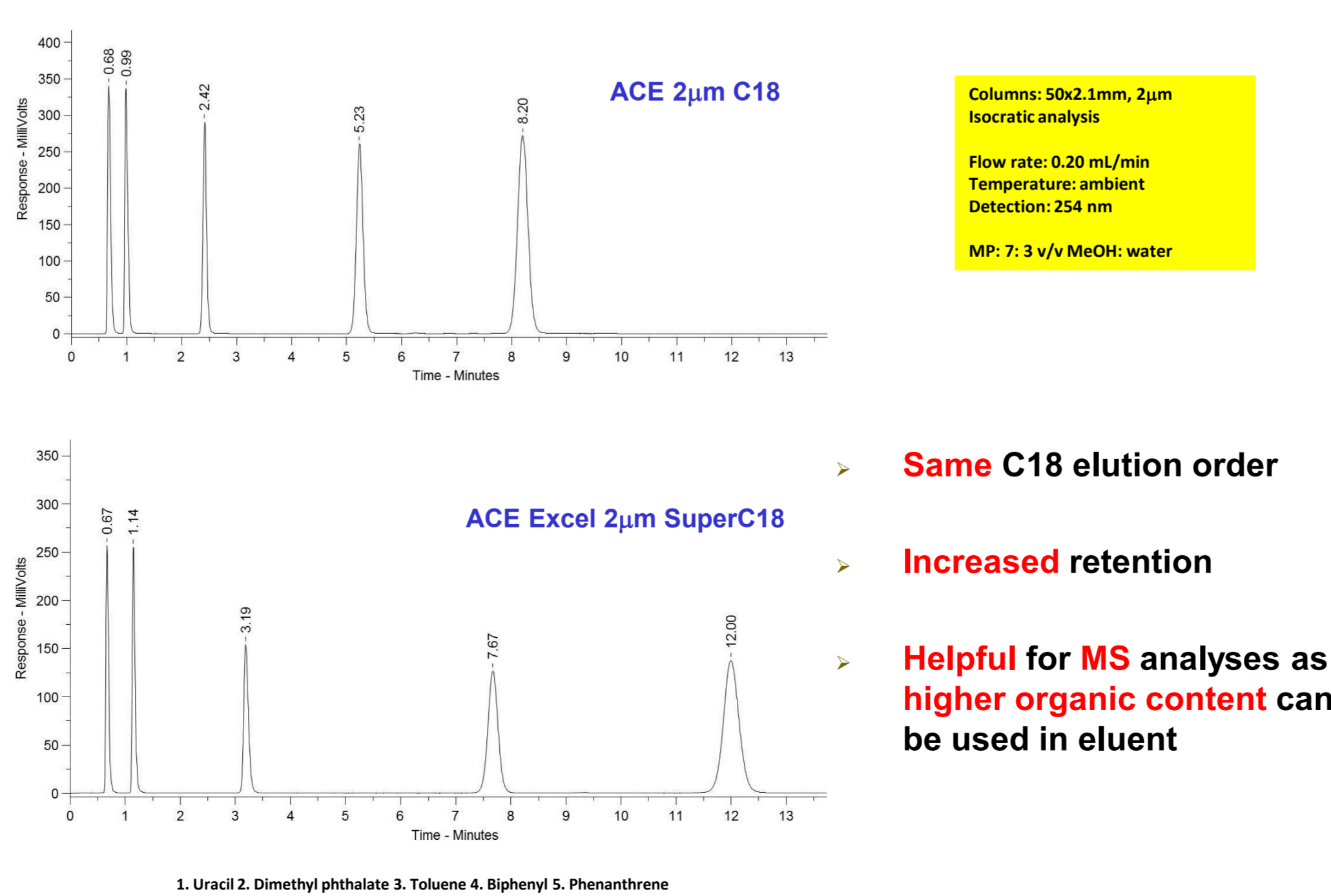
8. PHASE INERTNESS & PERFORMANCE: UHPLC AT MID PH



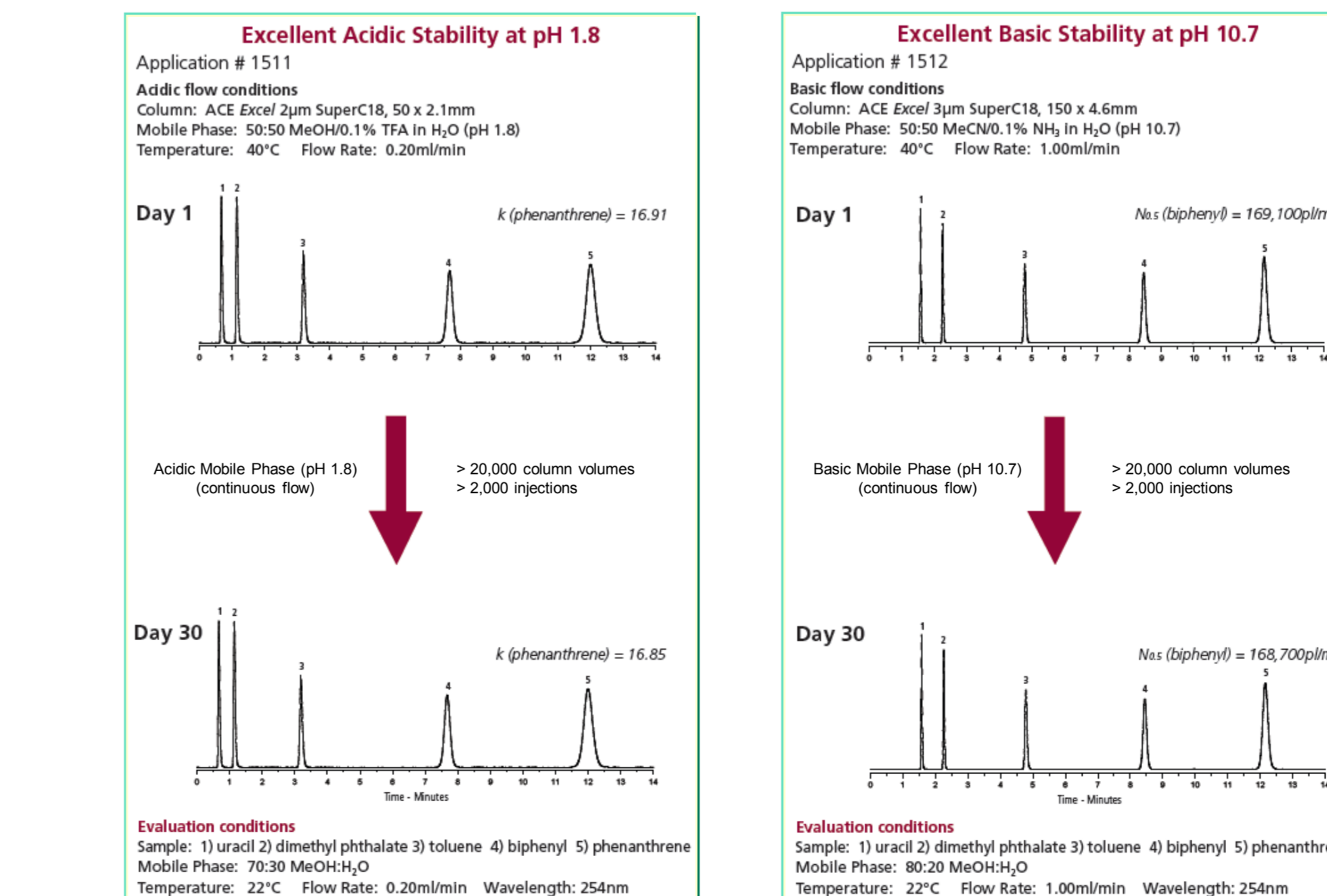
9. IDEAL FOR SCALING UP AND PREPARATIVE APPLICATIONS



10. ACE® SuperC18™ SHOWS INCREASED RETENTIVITY



11. PHASE STABILITY WITH LOW AND HIGH PH ELUENTS



12. SUMMARY AND CONCLUSIONS

- Eluent pH is a powerful approach for exploring chromatographic selectivity in method development, isolations.
- The ACE® SuperC18™ is a NEW silica-based extended pH range stable (pH 1.5-11.5) HPLC / UHPLC column.
- This NEW phase was ranked #1 in a comparative test against leading competitors for inertness / performance using pyridine.
- The ACE® SuperC18™ provides chromatographers and method developers with a NEW selectivity option with an extended pH range.
- Stable at low, medium and high pH eluents for >20,000 column volumes.

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