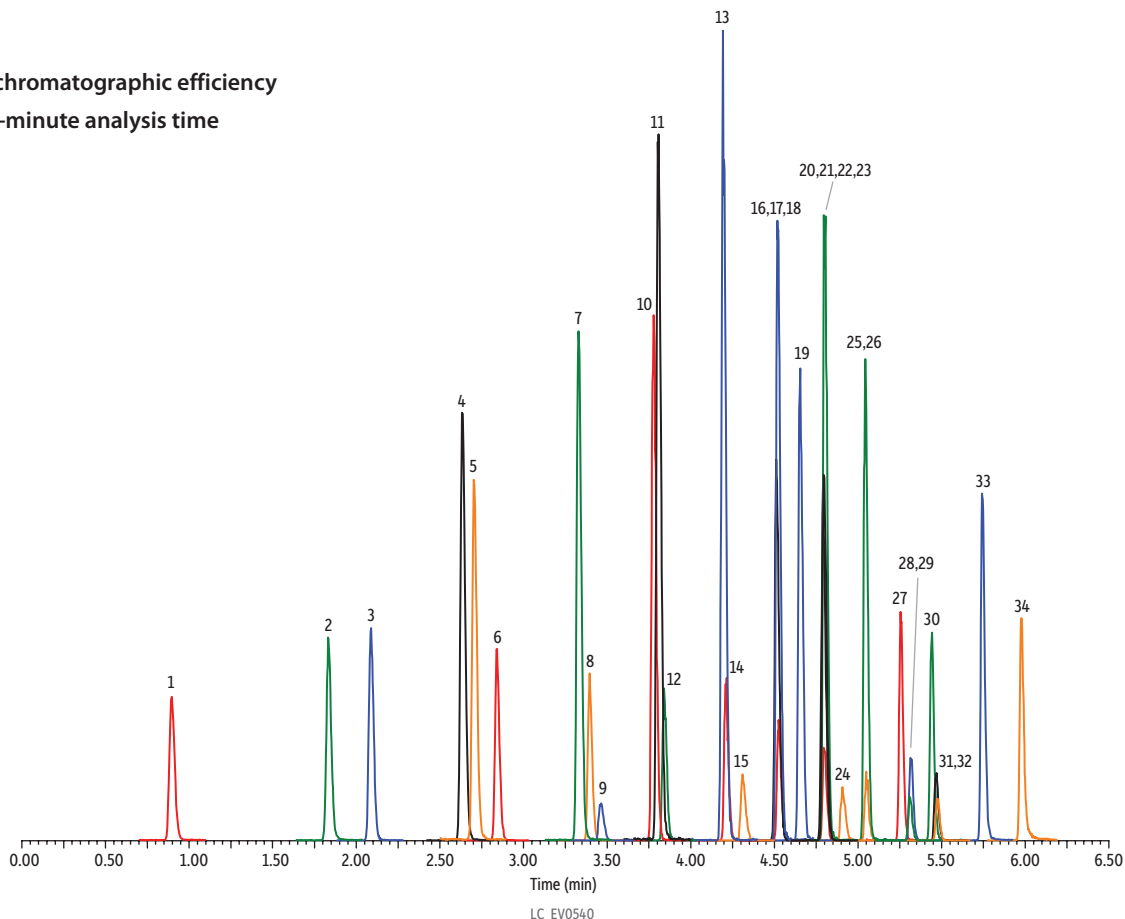
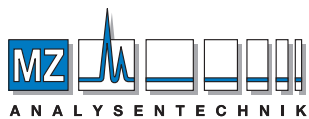


# Perfluorinated Compounds (PFCs) on Raptor C18 (1.8 µm)

- High chromatographic efficiency
- Fast 8-minute analysis time



| Column                     |                                | Peaks     |           | Conc.         |             |  |  |
|----------------------------|--------------------------------|-----------|-----------|---------------|-------------|--|--|
| Raptor C18 (cat.# 9304252) |                                | tr (min)  | (ng/mL)   | Precursor Ion | Product Ion |  |  |
| Dimensions:                | 50 mm x 2.1 mm ID              | 0.90      | 5         | 213.07        | 169.07      |  |  |
| Particle Size:             | 1.8 µm                         | 1.83      | 5         | 263.10        | 219.11      |  |  |
| Pore Size:                 | 90 Å                           | 2.09      | 5         | 299.10        | 79.99       |  |  |
| Temp.:                     | 40 °C                          | 2.23      | 5         | 327.10        | 307.08      |  |  |
| Sample                     |                                | 2.30      | 5         | 313.10        | 269.12      |  |  |
| Diluent:                   | 80:20 Water:methanol           | 2.70      | 5         | 349.10        | 79.98       |  |  |
| Conc.:                     | 5-250 ng/mL                    | 2.84      | 5         | 363.16        | 319.09      |  |  |
| Inj. Vol.:                 | 5 µL                           | 3.33      | 5         | 399.13        | 79.98       |  |  |
| <b>Mobile Phase</b>        |                                | 3.39      | 5         | 377.13        | 293.07      |  |  |
| A:                         | 5 mM Ammonium acetate in water | 3.46      | 250       | 427.17        | 407.18      |  |  |
| B:                         | Methanol                       | 3.78      | 5         | 413.16        | 369.10      |  |  |
| <b>Time (min)</b>          | <b>Flow (mL/min)</b>           | <b>%A</b> | <b>%B</b> | 419.17        | 79.98       |  |  |
| 0.00                       | 0.4                            | 80        | 20        | 427.17        | 407.18      |  |  |
| 6.00                       | 0.4                            | 5         | 95        | 431.16        | 369.10      |  |  |
| 6.50                       | 0.4                            | 5         | 95        | 449.17        | 79.98       |  |  |
| 6.51                       | 0.4                            | 80        | 20        | 463.16        | 419.19      |  |  |
| 8.00                       | 0.4                            | 80        | 20        | 499.17        | 79.98       |  |  |
| <b>Detector</b>            | MS/MS                          | 4.19      | 5         | 549.17        | 79.98       |  |  |
| Ion Mode:                  | ESI-                           | 4.21      | 5         | 570.20        | 419.17      |  |  |
| Mode:                      | MRM                            | 4.31      | 250       | 599.17        | 79.98       |  |  |
| Instrument                 | UHPL                           | 4.31      | 5         | 584.20        | 419.18      |  |  |
|                            |                                | 4.31      | 5         | 498.17        | 77.97       |  |  |
|                            |                                | 4.31      | 5         | 563.23        | 519.24      |  |  |
|                            |                                | 4.31      | 250       | 577.23        | 493.18      |  |  |
|                            |                                | 4.31      | 5         | 613.23        | 569.19      |  |  |
|                            |                                | 4.31      | 5         | 627.23        | 607.20      |  |  |
|                            |                                | 4.31      | 5         | 663.23        | 619.21      |  |  |
|                            |                                | 4.31      | 5         | 512.17        | 169.07      |  |  |
|                            |                                | 4.31      | 50        | 616.27        | 59.11       |  |  |
|                            |                                | 4.31      | 5         | 713.23        | 669.23      |  |  |
|                            |                                | 4.31      | 5         | 526.23        | 169.06      |  |  |
|                            |                                | 4.31      | 50        | 630.33        | 59.11       |  |  |
|                            |                                | 4.31      | 5         | 813.30        | 769.28      |  |  |
|                            |                                | 4.31      | 5         | 913.30        | 869.32      |  |  |



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