

Nachvollziehbare Berechnungen der H-Werte
Rechenweg: $tR_{column} = tR_{total} - tR_{extra}$, $W_{column} = \sqrt{fwhm_{total}^2 - fwhm_{extra}^2}$, $N = (tR_{column} / W_{column})^2$, $HETP = 150 \text{ mm} / N$

| Messung | tR_total (min) | FWHM_total (min) | tR_extra (min) | FWHM_extra (min) | tR_column (min) | W_column (min) | N | HETP (mm) |
|---------|----------------|------------------|----------------|------------------|-----------------|----------------|---------|-----------|
| 1 | 0.455 | 0.024 | 0.070 | 0.018 | 0.385 | 0.016 | 596.850 | 0.251 |
| 2 | 0.473 | 0.025 | 0.072 | 0.019 | 0.401 | 0.016 | 599.751 | 0.250 |
| 3 | 0.492 | 0.026 | 0.074 | 0.019 | 0.418 | 0.018 | 559.693 | 0.268 |
| 4 | 0.513 | 0.027 | 0.078 | 0.019 | 0.435 | 0.019 | 534.165 | 0.281 |
| 5 | 0.534 | 0.028 | 0.080 | 0.020 | 0.454 | 0.020 | 508.507 | 0.295 |
| 6 | 0.562 | 0.030 | 0.084 | 0.020 | 0.478 | 0.021 | 496.697 | 0.302 |
| 7 | 0.589 | 0.031 | 0.090 | 0.021 | 0.499 | 0.023 | 463.948 | 0.323 |
| 8 | 0.621 | 0.033 | 0.095 | 0.022 | 0.526 | 0.025 | 438.589 | 0.342 |
| 9 | 0.655 | 0.036 | 0.099 | 0.023 | 0.556 | 0.028 | 407.669 | 0.368 |
| 10 | 0.693 | 0.038 | 0.106 | 0.024 | 0.587 | 0.030 | 392.163 | 0.382 |
| 11 | 0.739 | 0.040 | 0.111 | 0.025 | 0.628 | 0.031 | 404.046 | 0.371 |
| 12 | 0.792 | 0.043 | 0.118 | 0.027 | 0.674 | 0.034 | 401.446 | 0.374 |
| 13 | 0.851 | 0.046 | 0.126 | 0.029 | 0.725 | 0.036 | 398.434 | 0.376 |
| 14 | 0.918 | 0.051 | 0.135 | 0.031 | 0.783 | 0.040 | 378.107 | 0.397 |
| 15 | 1.001 | 0.056 | 0.147 | 0.033 | 0.855 | 0.045 | 365.812 | 0.410 |
| 16 | 1.098 | 0.061 | 0.160 | 0.036 | 0.938 | 0.050 | 356.876 | 0.420 |
| 17 | 1.219 | 0.068 | 0.175 | 0.039 | 1.044 | 0.055 | 356.900 | 0.420 |
| 18 | 1.370 | 0.077 | 0.196 | 0.044 | 1.174 | 0.063 | 342.597 | 0.438 |
| 19 | 1.566 | 0.087 | 0.221 | 0.049 | 1.345 | 0.072 | 348.055 | 0.431 |
| 20 | 1.822 | 0.100 | 0.254 | 0.055 | 1.568 | 0.084 | 349.553 | 0.429 |
| 21 | 2.185 | 0.119 | 0.301 | 0.063 | 1.884 | 0.101 | 350.132 | 0.428 |
| 22 | 2.731 | 0.147 | 0.374 | 0.075 | 2.357 | 0.126 | 348.797 | 0.430 |
| 23 | 3.641 | 0.193 | 0.491 | 0.096 | 3.151 | 0.167 | 357.067 | 0.420 |
| 24 | 5.456 | 0.283 | 0.726 | 0.136 | 4.730 | 0.248 | 363.061 | 0.413 |
| 25 | 10.918 | 0.551 | 1.423 | 0.241 | 9.496 | 0.495 | 368.037 | 0.408 |