



样品详细信息

|       |                              |        |                 |
|-------|------------------------------|--------|-----------------|
| 样品名称  | PEMA                         | 描述:    |                 |
| 样品量:  | 0.000                        | 样品类型:  | Sample          |
| 仪器:   | GPC-DMF                      | 位置:    | P2-B1           |
| 进样日期: | 2025-03-07<br>13:37:28+08:00 | 进样:    | 1 of 1          |
| 采集方法: | DMF.amx                      | 进样量:   | 20.000          |
| 分析方法: | 1PMMA 20250304 DMF.pmx       | 采集操作者: | SYSTEM (SYSTEM) |
| 上次更改: | 2025-03-04<br>14:48:13+08:00 |        |                 |

峰结果

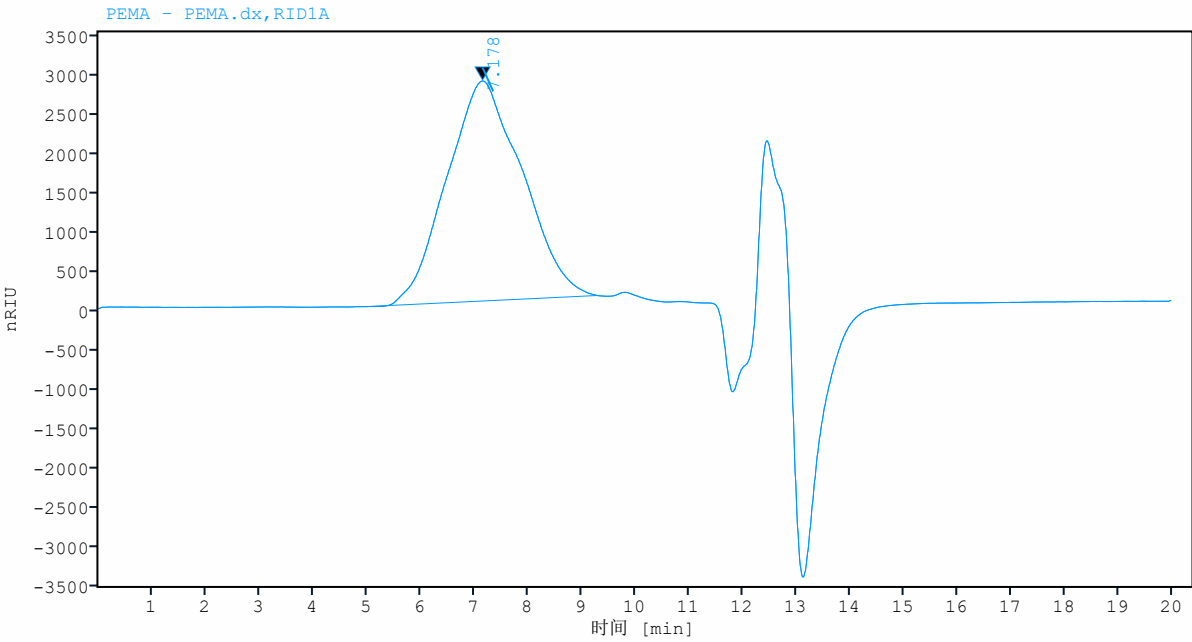
| 信号名称  | 峰起始保留时间<br>(min) | 保留时间 (min) | 峰结尾保留时间<br>(min) | 面积          | 面积 %   |
|-------|------------------|------------|------------------|-------------|--------|
| RID1A | 5.009            | 7.178      | 9.314            | 273447.5490 | 100.00 |

平均分子量

并非所有可用列都可见

| 峰 # | 保留时间<br>(min) | 峰尖分子量<br>(g/mol) | 数均分子量<br>(g/mol) | 重均分子量<br>(g/mol) | z均分子量<br>(g/mol) | z+1均分子量<br>(g/mol) | 多分散性     |
|-----|---------------|------------------|------------------|------------------|------------------|--------------------|----------|
| 1   | 7.178         | 108830           | 46058            | 185882           | 518462           | 943735             | 4.035824 |

色谱图



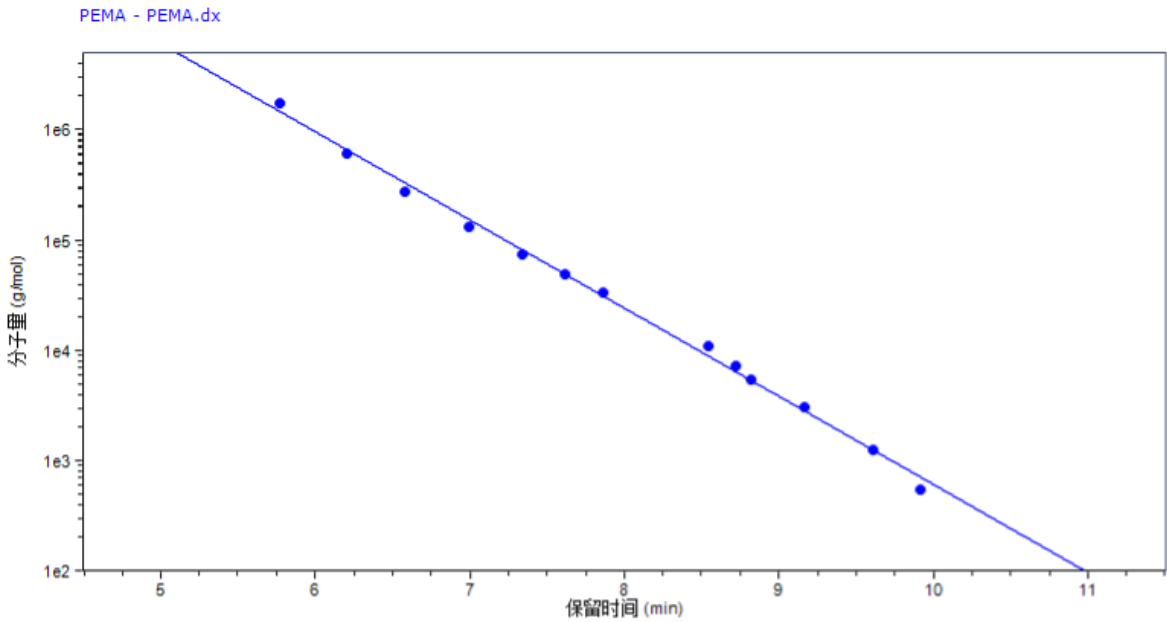


GPC 色谱柱校正数据点

并非所有可用列都可见

| 保留时间校正<br>正值 (min) | 指定的 Mp<br>(g/mol) | 分子量对数 | 样品名称   | 源色谱图      | 信号    | 百分数错误      |
|--------------------|-------------------|-------|--------|-----------|-------|------------|
| 5.767              | 1765000           | 6.247 | PMMA-1 | PMMA-1.dx | RID1A | 17.143435  |
| 6.997              | 130000            | 5.114 | PMMA-1 | PMMA-1.dx | RID1A | -16.519626 |
| 7.857              | 33240             | 4.522 | PMMA-1 | PMMA-1.dx | RID1A | 6.765604   |
| 9.166              | 3010              | 3.479 | PMMA-1 | PMMA-1.dx | RID1A | 7.900385   |
| 6.582              | 273600            | 5.437 | PMMA-2 | PMMA-2.dx | RID1A | -18.925316 |
| 7.619              | 48550             | 4.686 | PMMA-2 | PMMA-2.dx | RID1A | 0.869223   |
| 8.541              | 10750             | 4.031 | PMMA-2 | PMMA-2.dx | RID1A | 18.352162  |
| 8.819              | 5440              | 3.736 | PMMA-2 | PMMA-2.dx | RID1A | 3.259928   |
| 9.605              | 1260              | 3.100 | PMMA-2 | PMMA-2.dx | RID1A | 2.133781   |
| 6.209              | 608500            | 5.784 | PMMA-3 | PMMA-3.dx | RID1A | -6.398445  |
| 7.335              | 74000             | 4.869 | PMMA-3 | PMMA-3.dx | RID1A | -9.825106  |
| 8.720              | 7270              | 3.862 | PMMA-3 | PMMA-3.dx | RID1A | 13.134542  |
| 9.914              | 535               | 2.728 | PMMA-3 | PMMA-3.dx | RID1A | -30.403504 |

GPC 色谱柱校正图谱



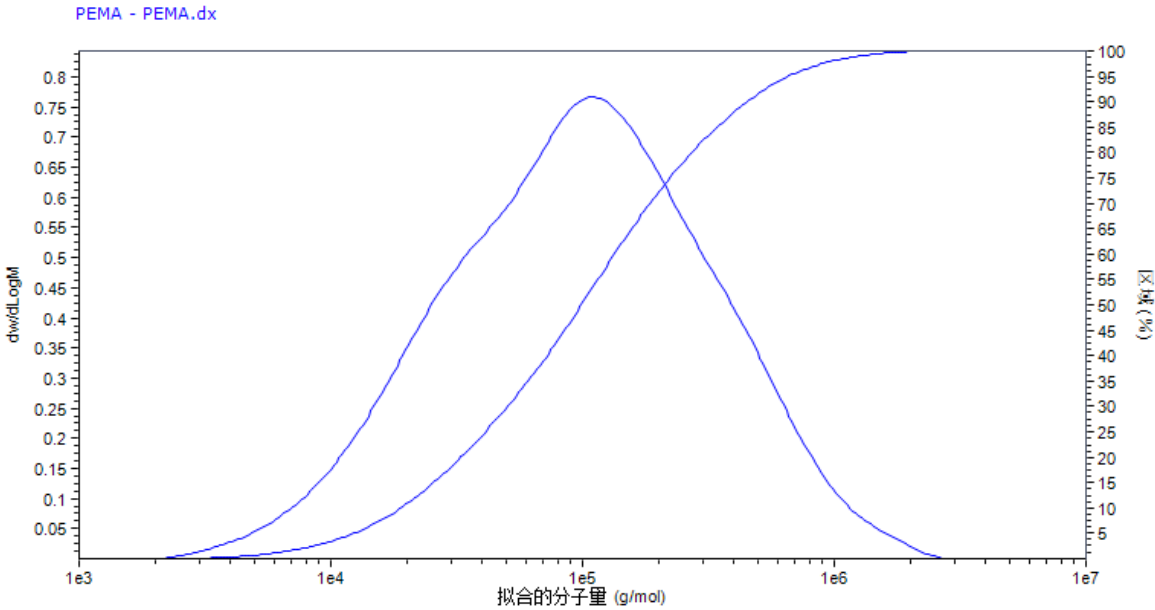


GPC 色谱柱校正曲线数据

|                  |                             |
|------------------|-----------------------------|
| 方法名称             | 1PMMA 20250304 DMF.pmx      |
| 校正类型             | 窄标校正                        |
| 信号               | RID1A                       |
| K ((10e-5) dL/g) | 14.1                        |
| $\alpha$         | 0.7                         |
| 曲线拟合阶数           | 1                           |
| 曲线拟合方程           | $y = - 0.800955x + 10.7846$ |
| 残差平方和            | 0.046479                    |
| 决定系数             | 0.996536                    |
| 线性相关系数           | -0.998268                   |
| 校正的平方和           | 13.416563                   |
| 标准 误差估计          | 0.065003                    |
| 流量标记名称           |                             |
| 流量标记保留时间 (min)   | 0.000                       |
| 流量标记源            |                             |
| 分子量上限的保留时间 (min) | 5.767                       |
| 分子量下限的保留时间 (min) | 9.914                       |
| 分子量上限 (g/mol)    | 1462418                     |
| 分子量下限 (g/mol)    | 698                         |



分子量分布图



GPC 定时切片表

并非所有可用列都可见

| 峰 # | 保留时间 (min) | 响应  | 面积 (mV.s) | 切片分子量   | 分子量对数 | dw/dLogM | 累计面积  |
|-----|------------|-----|-----------|---------|-------|----------|-------|
| 1   | 5.016      | 0.0 | 0.000     | 5845514 | 6.767 | 0.000    | 1.000 |
| 1   | 5.023      | 0.0 | 0.000     | 5768405 | 6.761 | 0.000    | 1.000 |
| 1   | 5.031      | 0.0 | 0.000     | 5692314 | 6.755 | 0.000    | 1.000 |
| 1   | 5.038      | 0.0 | 0.000     | 5617226 | 6.750 | 0.000    | 1.000 |
| 1   | 5.045      | 0.0 | 0.000     | 5543129 | 6.744 | 0.000    | 1.000 |
| 1   | 5.052      | 0.0 | 0.000     | 5470010 | 6.738 | 0.000    | 1.000 |
| 1   | 5.059      | 0.0 | 0.000     | 5397855 | 6.732 | 0.000    | 1.000 |
| 1   | 5.067      | 0.0 | 0.000     | 5326651 | 6.726 | 0.000    | 1.000 |
| 1   | 5.074      | 0.0 | 0.000     | 5256387 | 6.721 | 0.000    | 1.000 |
| 1   | 5.081      | 0.0 | 0.000     | 5187050 | 6.715 | 0.000    | 1.000 |
| 1   | 5.088      | 0.0 | 0.000     | 5118628 | 6.709 | 0.000    | 1.000 |
| 1   | 5.095      | 0.0 | 0.000     | 5051108 | 6.703 | 0.000    | 1.000 |
| 1   | 5.103      | 0.0 | 0.000     | 4984478 | 6.698 | 0.000    | 1.000 |
| 1   | 5.110      | 0.0 | 0.000     | 4918728 | 6.692 | 0.000    | 1.000 |
| 1   | 5.117      | 0.0 | 0.000     | 4853845 | 6.686 | 0.000    | 1.000 |
| 1   | 5.124      | 0.0 | 0.000     | 4789817 | 6.680 | 0.000    | 1.000 |
| 1   | 5.131      | 0.0 | 0.000     | 4726635 | 6.675 | 0.000    | 1.000 |
| 1   | 5.139      | 0.0 | 0.000     | 4664286 | 6.669 | 0.000    | 1.000 |
| 1   | 5.146      | 0.0 | 0.000     | 4602759 | 6.663 | 0.000    | 1.000 |
| 1   | 5.153      | 0.0 | 0.000     | 4542044 | 6.657 | 0.000    | 1.000 |
| 1   | 5.160      | 0.0 | 0.000     | 4482129 | 6.651 | 0.000    | 1.000 |
| 1   | 5.167      | 0.0 | 0.000     | 4423005 | 6.646 | 0.000    | 1.000 |
| 1   | 5.175      | 0.0 | 0.000     | 4364661 | 6.640 | 0.000    | 1.000 |
| 1   | 5.182      | 0.0 | 0.000     | 4307087 | 6.634 | 0.000    | 1.000 |
| 1   | 5.189      | 0.0 | 0.000     | 4250272 | 6.628 | 0.000    | 1.000 |
| 1   | 5.196      | 0.0 | 0.000     | 4194207 | 6.623 | 0.000    | 1.000 |



| 峰 # | 保留时间<br>(min) | 响应   | 面积 (mV.s) | 切片分子量   | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|------|-----------|---------|-------|----------|-------|
| 1   | 5.203         | 0.0  | 0.000     | 4138881 | 6.617 | 0.000    | 1.000 |
| 1   | 5.211         | 0.0  | 0.000     | 4084285 | 6.611 | 0.000    | 1.000 |
| 1   | 5.218         | 0.0  | 0.000     | 4030409 | 6.605 | 0.000    | 1.000 |
| 1   | 5.225         | 0.0  | 0.000     | 3977243 | 6.600 | 0.000    | 1.000 |
| 1   | 5.232         | 0.0  | 0.000     | 3924779 | 6.594 | 0.000    | 1.000 |
| 1   | 5.239         | 0.0  | 0.000     | 3873007 | 6.588 | 0.000    | 1.000 |
| 1   | 5.247         | 0.0  | 0.000     | 3821918 | 6.582 | 0.000    | 1.000 |
| 1   | 5.254         | 0.0  | 0.000     | 3771503 | 6.577 | 0.000    | 1.000 |
| 1   | 5.261         | 0.0  | 0.000     | 3721753 | 6.571 | 0.000    | 1.000 |
| 1   | 5.268         | 0.0  | 0.000     | 3672660 | 6.565 | 0.000    | 1.000 |
| 1   | 5.275         | 0.0  | 0.000     | 3624213 | 6.559 | 0.000    | 1.000 |
| 1   | 5.283         | 0.0  | 0.000     | 3576406 | 6.553 | 0.000    | 1.000 |
| 1   | 5.290         | 0.0  | 0.000     | 3529230 | 6.548 | 0.000    | 1.000 |
| 1   | 5.297         | 0.0  | 0.000     | 3482676 | 6.542 | 0.000    | 1.000 |
| 1   | 5.304         | 0.0  | 0.000     | 3436735 | 6.536 | 0.000    | 1.000 |
| 1   | 5.311         | 0.0  | 0.000     | 3391401 | 6.530 | 0.000    | 1.000 |
| 1   | 5.319         | 0.0  | 0.000     | 3346665 | 6.525 | 0.000    | 1.000 |
| 1   | 5.326         | 0.0  | 0.000     | 3302519 | 6.519 | 0.000    | 1.000 |
| 1   | 5.333         | 0.0  | 0.000     | 3258956 | 6.513 | 0.000    | 1.000 |
| 1   | 5.340         | 0.0  | 0.000     | 3215967 | 6.507 | 0.000    | 1.000 |
| 1   | 5.347         | 0.0  | 0.000     | 3173545 | 6.502 | 0.000    | 1.000 |
| 1   | 5.355         | 0.0  | 0.000     | 3131682 | 6.496 | 0.000    | 1.000 |
| 1   | 5.362         | 0.0  | 0.000     | 3090372 | 6.490 | 0.000    | 1.000 |
| 1   | 5.369         | 0.0  | 0.000     | 3049607 | 6.484 | 0.000    | 1.000 |
| 1   | 5.376         | 0.0  | 0.000     | 3009379 | 6.478 | 0.000    | 1.000 |
| 1   | 5.383         | 0.0  | 0.000     | 2969683 | 6.473 | 0.000    | 1.000 |
| 1   | 5.391         | 0.0  | 0.000     | 2930509 | 6.467 | 0.000    | 1.000 |
| 1   | 5.398         | 0.0  | 0.000     | 2891853 | 6.461 | 0.000    | 1.000 |
| 1   | 5.405         | 0.0  | 0.000     | 2853706 | 6.455 | 0.000    | 1.000 |
| 1   | 5.412         | 0.0  | 0.190     | 2816063 | 6.450 | 0.000    | 1.000 |
| 1   | 5.419         | 0.9  | 0.612     | 2778916 | 6.444 | 0.000    | 1.000 |
| 1   | 5.427         | 2.0  | 1.110     | 2742260 | 6.438 | 0.001    | 1.000 |
| 1   | 5.434         | 3.2  | 1.677     | 2706086 | 6.432 | 0.001    | 1.000 |
| 1   | 5.441         | 4.6  | 2.309     | 2670390 | 6.427 | 0.001    | 1.000 |
| 1   | 5.448         | 6.1  | 2.995     | 2635165 | 6.421 | 0.002    | 1.000 |
| 1   | 5.455         | 7.8  | 3.731     | 2600404 | 6.415 | 0.002    | 1.000 |
| 1   | 5.463         | 9.5  | 4.515     | 2566102 | 6.409 | 0.003    | 1.000 |
| 1   | 5.470         | 11.4 | 5.345     | 2532253 | 6.404 | 0.003    | 1.000 |
| 1   | 5.477         | 13.4 | 6.234     | 2498850 | 6.398 | 0.004    | 1.000 |
| 1   | 5.484         | 15.5 | 7.191     | 2465887 | 6.392 | 0.005    | 1.000 |
| 1   | 5.491         | 17.8 | 8.224     | 2433360 | 6.386 | 0.005    | 1.000 |
| 1   | 5.499         | 20.3 | 9.347     | 2401261 | 6.380 | 0.006    | 1.000 |
| 1   | 5.506         | 23.0 | 10.566    | 2369586 | 6.375 | 0.007    | 1.000 |
| 1   | 5.513         | 25.9 | 11.888    | 2338329 | 6.369 | 0.008    | 1.000 |
| 1   | 5.520         | 29.1 | 13.308    | 2307484 | 6.363 | 0.008    | 1.000 |
| 1   | 5.527         | 32.5 | 14.824    | 2277046 | 6.357 | 0.009    | 1.000 |
| 1   | 5.535         | 36.1 | 16.430    | 2247009 | 6.352 | 0.010    | 1.000 |
| 1   | 5.542         | 39.9 | 18.118    | 2217369 | 6.346 | 0.011    | 1.000 |
| 1   | 5.549         | 43.9 | 19.878    | 2188119 | 6.340 | 0.013    | 0.999 |



| 峰 # | 保留时间<br>(min) | 响应    | 面积 (mV.s) | 切片分子量   | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|-------|-----------|---------|-------|----------|-------|
| 1   | 5.556         | 48.1  | 21.704    | 2159256 | 6.334 | 0.014    | 0.999 |
| 1   | 5.563         | 52.4  | 23.594    | 2130773 | 6.329 | 0.015    | 0.999 |
| 1   | 5.571         | 56.8  | 25.541    | 2102666 | 6.323 | 0.016    | 0.999 |
| 1   | 5.578         | 61.4  | 27.543    | 2074930 | 6.317 | 0.017    | 0.999 |
| 1   | 5.585         | 66.1  | 29.590    | 2047559 | 6.311 | 0.019    | 0.999 |
| 1   | 5.592         | 70.9  | 31.675    | 2020550 | 6.305 | 0.020    | 0.999 |
| 1   | 5.599         | 75.8  | 33.794    | 1993896 | 6.300 | 0.021    | 0.999 |
| 1   | 5.607         | 80.7  | 35.935    | 1967595 | 6.294 | 0.023    | 0.999 |
| 1   | 5.614         | 85.7  | 38.095    | 1941640 | 6.288 | 0.024    | 0.999 |
| 1   | 5.621         | 90.7  | 40.265    | 1916028 | 6.282 | 0.026    | 0.998 |
| 1   | 5.628         | 95.7  | 42.437    | 1890754 | 6.277 | 0.027    | 0.998 |
| 1   | 5.635         | 100.7 | 44.605    | 1865813 | 6.271 | 0.028    | 0.998 |
| 1   | 5.643         | 105.8 | 46.760    | 1841201 | 6.265 | 0.030    | 0.998 |
| 1   | 5.650         | 110.7 | 48.893    | 1816913 | 6.259 | 0.031    | 0.998 |
| 1   | 5.657         | 115.6 | 51.000    | 1792946 | 6.254 | 0.032    | 0.998 |
| 1   | 5.664         | 120.5 | 53.075    | 1769296 | 6.248 | 0.034    | 0.997 |
| 1   | 5.671         | 125.2 | 55.116    | 1745957 | 6.242 | 0.035    | 0.997 |
| 1   | 5.679         | 129.9 | 57.122    | 1722926 | 6.236 | 0.036    | 0.997 |
| 1   | 5.686         | 134.5 | 59.097    | 1700199 | 6.230 | 0.037    | 0.997 |
| 1   | 5.693         | 139.1 | 61.053    | 1677771 | 6.225 | 0.039    | 0.997 |
| 1   | 5.700         | 143.6 | 63.003    | 1655640 | 6.219 | 0.040    | 0.996 |
| 1   | 5.707         | 148.1 | 64.955    | 1633800 | 6.213 | 0.041    | 0.996 |
| 1   | 5.715         | 152.6 | 66.918    | 1612248 | 6.207 | 0.042    | 0.996 |
| 1   | 5.722         | 157.2 | 68.895    | 1590981 | 6.202 | 0.044    | 0.996 |
| 1   | 5.729         | 161.8 | 70.890    | 1569995 | 6.196 | 0.045    | 0.995 |
| 1   | 5.736         | 166.4 | 72.907    | 1549285 | 6.190 | 0.046    | 0.995 |
| 1   | 5.743         | 171.1 | 74.947    | 1528848 | 6.184 | 0.048    | 0.995 |
| 1   | 5.751         | 175.9 | 77.014    | 1508681 | 6.179 | 0.049    | 0.995 |
| 1   | 5.758         | 180.7 | 79.106    | 1488780 | 6.173 | 0.050    | 0.994 |
| 1   | 5.765         | 185.6 | 81.231    | 1469141 | 6.167 | 0.051    | 0.994 |
| 1   | 5.772         | 190.5 | 83.396    | 1449762 | 6.161 | 0.053    | 0.994 |
| 1   | 5.779         | 195.6 | 85.614    | 1430638 | 6.156 | 0.054    | 0.993 |
| 1   | 5.787         | 200.8 | 87.898    | 1411766 | 6.150 | 0.056    | 0.993 |
| 1   | 5.794         | 206.2 | 90.258    | 1393144 | 6.144 | 0.057    | 0.993 |
| 1   | 5.801         | 211.7 | 92.703    | 1374767 | 6.138 | 0.059    | 0.992 |
| 1   | 5.808         | 217.5 | 95.240    | 1356632 | 6.132 | 0.060    | 0.992 |
| 1   | 5.815         | 223.5 | 97.877    | 1338737 | 6.127 | 0.062    | 0.992 |
| 1   | 5.823         | 229.7 | 100.615   | 1321077 | 6.121 | 0.064    | 0.991 |
| 1   | 5.830         | 236.1 | 103.450   | 1303651 | 6.115 | 0.066    | 0.991 |
| 1   | 5.837         | 242.8 | 106.374   | 1286454 | 6.109 | 0.067    | 0.991 |
| 1   | 5.844         | 249.7 | 109.378   | 1269485 | 6.104 | 0.069    | 0.990 |
| 1   | 5.851         | 256.7 | 112.455   | 1252739 | 6.098 | 0.071    | 0.990 |
| 1   | 5.859         | 263.9 | 115.603   | 1236214 | 6.092 | 0.073    | 0.990 |
| 1   | 5.866         | 271.3 | 118.825   | 1219907 | 6.086 | 0.075    | 0.989 |
| 1   | 5.873         | 278.8 | 122.123   | 1203815 | 6.081 | 0.077    | 0.989 |
| 1   | 5.880         | 286.6 | 125.503   | 1187936 | 6.075 | 0.080    | 0.988 |
| 1   | 5.887         | 294.5 | 128.973   | 1172266 | 6.069 | 0.082    | 0.988 |
| 1   | 5.895         | 302.6 | 132.545   | 1156802 | 6.063 | 0.084    | 0.987 |
| 1   | 5.902         | 311.0 | 136.227   | 1141543 | 6.057 | 0.086    | 0.987 |



| 峰 # | 保留时间<br>(min) | 响应    | 面积 (mV.s) | 切片分子量   | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|-------|-----------|---------|-------|----------|-------|
| 1   | 5.909         | 319.7 | 140.023   | 1126485 | 6.052 | 0.089    | 0.986 |
| 1   | 5.916         | 328.6 | 143.932   | 1111625 | 6.046 | 0.091    | 0.986 |
| 1   | 5.923         | 337.8 | 147.949   | 1096962 | 6.040 | 0.094    | 0.985 |
| 1   | 5.931         | 347.2 | 152.074   | 1082492 | 6.034 | 0.096    | 0.985 |
| 1   | 5.938         | 356.9 | 156.304   | 1068212 | 6.029 | 0.099    | 0.984 |
| 1   | 5.945         | 366.8 | 160.637   | 1054122 | 6.023 | 0.102    | 0.984 |
| 1   | 5.952         | 376.9 | 165.070   | 1040217 | 6.017 | 0.105    | 0.983 |
| 1   | 5.959         | 387.3 | 169.606   | 1026495 | 6.011 | 0.108    | 0.982 |
| 1   | 5.967         | 397.9 | 174.244   | 1012955 | 6.006 | 0.110    | 0.982 |
| 1   | 5.974         | 408.8 | 178.991   | 999593  | 6.000 | 0.113    | 0.981 |
| 1   | 5.981         | 419.9 | 183.844   | 986407  | 5.994 | 0.117    | 0.980 |
| 1   | 5.988         | 431.2 | 188.803   | 973395  | 5.988 | 0.120    | 0.980 |
| 1   | 5.995         | 442.8 | 193.869   | 960555  | 5.983 | 0.123    | 0.979 |
| 1   | 6.003         | 454.7 | 199.040   | 947884  | 5.977 | 0.126    | 0.978 |
| 1   | 6.010         | 466.8 | 204.311   | 935381  | 5.971 | 0.130    | 0.978 |
| 1   | 6.017         | 479.1 | 209.687   | 923042  | 5.965 | 0.133    | 0.977 |
| 1   | 6.024         | 491.7 | 215.162   | 910866  | 5.959 | 0.136    | 0.976 |
| 1   | 6.031         | 504.4 | 220.738   | 898851  | 5.954 | 0.140    | 0.975 |
| 1   | 6.039         | 517.5 | 226.420   | 886994  | 5.948 | 0.144    | 0.975 |
| 1   | 6.046         | 530.8 | 232.208   | 875294  | 5.942 | 0.147    | 0.974 |
| 1   | 6.053         | 544.3 | 238.104   | 863748  | 5.936 | 0.151    | 0.973 |
| 1   | 6.060         | 558.1 | 244.104   | 852354  | 5.931 | 0.155    | 0.972 |
| 1   | 6.067         | 572.1 | 250.203   | 841111  | 5.925 | 0.159    | 0.971 |
| 1   | 6.075         | 586.3 | 256.397   | 830016  | 5.919 | 0.163    | 0.970 |
| 1   | 6.082         | 600.7 | 262.680   | 819067  | 5.913 | 0.167    | 0.969 |
| 1   | 6.089         | 615.4 | 269.049   | 808262  | 5.908 | 0.171    | 0.968 |
| 1   | 6.096         | 630.2 | 275.498   | 797601  | 5.902 | 0.175    | 0.967 |
| 1   | 6.103         | 645.2 | 282.023   | 787079  | 5.896 | 0.179    | 0.966 |
| 1   | 6.111         | 660.4 | 288.625   | 776697  | 5.890 | 0.183    | 0.965 |
| 1   | 6.118         | 675.8 | 295.305   | 766452  | 5.884 | 0.187    | 0.964 |
| 1   | 6.125         | 691.3 | 302.065   | 756341  | 5.879 | 0.192    | 0.963 |
| 1   | 6.132         | 707.1 | 308.905   | 746364  | 5.873 | 0.196    | 0.962 |
| 1   | 6.139         | 723.0 | 315.819   | 736519  | 5.867 | 0.200    | 0.961 |
| 1   | 6.147         | 739.1 | 322.801   | 726804  | 5.861 | 0.205    | 0.960 |
| 1   | 6.154         | 755.3 | 329.853   | 717216  | 5.856 | 0.209    | 0.959 |
| 1   | 6.161         | 771.7 | 336.967   | 707756  | 5.850 | 0.214    | 0.957 |
| 1   | 6.168         | 788.3 | 344.135   | 698420  | 5.844 | 0.218    | 0.956 |
| 1   | 6.175         | 804.9 | 351.355   | 689207  | 5.838 | 0.223    | 0.955 |
| 1   | 6.183         | 821.7 | 358.621   | 680115  | 5.833 | 0.227    | 0.954 |
| 1   | 6.190         | 838.6 | 365.930   | 671144  | 5.827 | 0.232    | 0.952 |
| 1   | 6.197         | 855.5 | 373.279   | 662291  | 5.821 | 0.237    | 0.951 |
| 1   | 6.204         | 872.6 | 380.666   | 653554  | 5.815 | 0.241    | 0.950 |
| 1   | 6.211         | 889.7 | 388.091   | 644933  | 5.810 | 0.246    | 0.948 |
| 1   | 6.219         | 907.0 | 395.553   | 636426  | 5.804 | 0.251    | 0.947 |
| 1   | 6.226         | 924.3 | 403.048   | 628031  | 5.798 | 0.256    | 0.945 |
| 1   | 6.233         | 941.7 | 410.574   | 619747  | 5.792 | 0.260    | 0.944 |
| 1   | 6.240         | 959.1 | 418.134   | 611571  | 5.786 | 0.265    | 0.942 |
| 1   | 6.247         | 976.7 | 425.728   | 603504  | 5.781 | 0.270    | 0.941 |
| 1   | 6.255         | 994.3 | 433.362   | 595543  | 5.775 | 0.275    | 0.939 |



| 峰 # | 保留时间<br>(min) | 响应     | 面积 (mV.s) | 切片分子量  | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|--------|-----------|--------|-------|----------|-------|
| 1   | 6.262         | 1012.0 | 441.043   | 587688 | 5.769 | 0.280    | 0.938 |
| 1   | 6.269         | 1029.8 | 448.768   | 579935 | 5.763 | 0.285    | 0.936 |
| 1   | 6.276         | 1047.8 | 456.541   | 572285 | 5.758 | 0.289    | 0.934 |
| 1   | 6.283         | 1065.8 | 464.360   | 564736 | 5.752 | 0.294    | 0.933 |
| 1   | 6.291         | 1084.0 | 472.211   | 557287 | 5.746 | 0.299    | 0.931 |
| 1   | 6.298         | 1102.2 | 480.081   | 549936 | 5.740 | 0.304    | 0.929 |
| 1   | 6.305         | 1120.4 | 487.953   | 542681 | 5.735 | 0.309    | 0.928 |
| 1   | 6.312         | 1138.6 | 495.806   | 535523 | 5.729 | 0.314    | 0.926 |
| 1   | 6.319         | 1156.8 | 503.620   | 528459 | 5.723 | 0.319    | 0.924 |
| 1   | 6.327         | 1174.8 | 511.383   | 521488 | 5.717 | 0.324    | 0.922 |
| 1   | 6.334         | 1192.7 | 519.085   | 514609 | 5.711 | 0.329    | 0.920 |
| 1   | 6.341         | 1210.5 | 526.722   | 507821 | 5.706 | 0.334    | 0.918 |
| 1   | 6.348         | 1228.1 | 534.298   | 501122 | 5.700 | 0.339    | 0.916 |
| 1   | 6.355         | 1245.5 | 541.823   | 494512 | 5.694 | 0.344    | 0.915 |
| 1   | 6.363         | 1262.9 | 549.302   | 487989 | 5.688 | 0.348    | 0.913 |
| 1   | 6.370         | 1280.2 | 556.745   | 481552 | 5.683 | 0.353    | 0.911 |
| 1   | 6.377         | 1297.3 | 564.153   | 475199 | 5.677 | 0.358    | 0.908 |
| 1   | 6.384         | 1314.5 | 571.526   | 468931 | 5.671 | 0.362    | 0.906 |
| 1   | 6.391         | 1331.5 | 578.865   | 462745 | 5.665 | 0.367    | 0.904 |
| 1   | 6.399         | 1348.4 | 586.163   | 456641 | 5.660 | 0.372    | 0.902 |
| 1   | 6.406         | 1365.3 | 593.413   | 450618 | 5.654 | 0.376    | 0.900 |
| 1   | 6.413         | 1382.0 | 600.610   | 444674 | 5.648 | 0.381    | 0.898 |
| 1   | 6.420         | 1398.6 | 607.744   | 438808 | 5.642 | 0.385    | 0.896 |
| 1   | 6.427         | 1415.0 | 614.812   | 433019 | 5.637 | 0.390    | 0.893 |
| 1   | 6.435         | 1431.3 | 621.821   | 427308 | 5.631 | 0.394    | 0.891 |
| 1   | 6.442         | 1447.5 | 628.769   | 421671 | 5.625 | 0.399    | 0.889 |
| 1   | 6.449         | 1463.5 | 635.659   | 416109 | 5.619 | 0.403    | 0.887 |
| 1   | 6.456         | 1479.4 | 642.492   | 410620 | 5.613 | 0.407    | 0.884 |
| 1   | 6.463         | 1495.1 | 649.274   | 405203 | 5.608 | 0.412    | 0.882 |
| 1   | 6.471         | 1510.8 | 656.010   | 399858 | 5.602 | 0.416    | 0.880 |
| 1   | 6.478         | 1526.3 | 662.707   | 394584 | 5.596 | 0.420    | 0.877 |
| 1   | 6.485         | 1541.8 | 669.372   | 389379 | 5.590 | 0.424    | 0.875 |
| 1   | 6.492         | 1557.2 | 676.007   | 384242 | 5.585 | 0.429    | 0.872 |
| 1   | 6.499         | 1572.5 | 682.616   | 379174 | 5.579 | 0.433    | 0.870 |
| 1   | 6.507         | 1587.8 | 689.205   | 374172 | 5.573 | 0.437    | 0.867 |
| 1   | 6.514         | 1603.0 | 695.780   | 369236 | 5.567 | 0.441    | 0.865 |
| 1   | 6.521         | 1618.2 | 702.343   | 364366 | 5.562 | 0.445    | 0.862 |
| 1   | 6.528         | 1633.4 | 708.896   | 359559 | 5.556 | 0.449    | 0.860 |
| 1   | 6.535         | 1648.5 | 715.438   | 354816 | 5.550 | 0.454    | 0.857 |
| 1   | 6.543         | 1663.7 | 721.971   | 350136 | 5.544 | 0.458    | 0.855 |
| 1   | 6.550         | 1678.8 | 728.496   | 345517 | 5.538 | 0.462    | 0.852 |
| 1   | 6.557         | 1693.9 | 735.012   | 340960 | 5.533 | 0.466    | 0.849 |
| 1   | 6.564         | 1708.9 | 741.521   | 336462 | 5.527 | 0.470    | 0.847 |
| 1   | 6.571         | 1724.0 | 748.024   | 332024 | 5.521 | 0.474    | 0.844 |
| 1   | 6.579         | 1739.0 | 754.516   | 327644 | 5.515 | 0.478    | 0.841 |
| 1   | 6.586         | 1754.1 | 761.000   | 323322 | 5.510 | 0.482    | 0.838 |
| 1   | 6.593         | 1769.1 | 767.479   | 319057 | 5.504 | 0.487    | 0.836 |
| 1   | 6.600         | 1784.1 | 773.958   | 314848 | 5.498 | 0.491    | 0.833 |
| 1   | 6.607         | 1799.1 | 780.442   | 310695 | 5.492 | 0.495    | 0.830 |



| 峰 # | 保留时间<br>(min) | 响应     | 面积 (mV.s) | 切片分子量  | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|--------|-----------|--------|-------|----------|-------|
| 1   | 6.615         | 1814.1 | 786.934   | 306597 | 5.487 | 0.499    | 0.827 |
| 1   | 6.622         | 1829.1 | 793.446   | 302553 | 5.481 | 0.503    | 0.824 |
| 1   | 6.629         | 1844.2 | 799.981   | 298562 | 5.475 | 0.507    | 0.821 |
| 1   | 6.636         | 1859.4 | 806.545   | 294623 | 5.469 | 0.511    | 0.818 |
| 1   | 6.643         | 1874.6 | 813.136   | 290737 | 5.464 | 0.516    | 0.815 |
| 1   | 6.651         | 1889.9 | 819.751   | 286902 | 5.458 | 0.520    | 0.812 |
| 1   | 6.658         | 1905.2 | 826.388   | 283117 | 5.452 | 0.524    | 0.809 |
| 1   | 6.665         | 1920.6 | 833.040   | 279383 | 5.446 | 0.528    | 0.806 |
| 1   | 6.672         | 1936.0 | 839.703   | 275697 | 5.440 | 0.532    | 0.803 |
| 1   | 6.679         | 1951.5 | 846.373   | 272060 | 5.435 | 0.537    | 0.800 |
| 1   | 6.687         | 1966.9 | 853.053   | 268472 | 5.429 | 0.541    | 0.797 |
| 1   | 6.694         | 1982.4 | 859.748   | 264930 | 5.423 | 0.545    | 0.794 |
| 1   | 6.701         | 1997.9 | 866.467   | 261436 | 5.417 | 0.549    | 0.791 |
| 1   | 6.708         | 2013.5 | 873.223   | 257987 | 5.412 | 0.554    | 0.788 |
| 1   | 6.715         | 2029.2 | 880.030   | 254584 | 5.406 | 0.558    | 0.785 |
| 1   | 6.723         | 2045.0 | 886.907   | 251226 | 5.400 | 0.562    | 0.781 |
| 1   | 6.730         | 2061.0 | 893.861   | 247912 | 5.394 | 0.567    | 0.778 |
| 1   | 6.737         | 2077.2 | 900.902   | 244641 | 5.389 | 0.571    | 0.775 |
| 1   | 6.744         | 2093.6 | 908.030   | 241414 | 5.383 | 0.576    | 0.772 |
| 1   | 6.751         | 2110.2 | 915.239   | 238230 | 5.377 | 0.580    | 0.768 |
| 1   | 6.759         | 2127.0 | 922.515   | 235087 | 5.371 | 0.585    | 0.765 |
| 1   | 6.766         | 2143.9 | 929.837   | 231986 | 5.365 | 0.589    | 0.762 |
| 1   | 6.773         | 2160.9 | 937.184   | 228926 | 5.360 | 0.594    | 0.758 |
| 1   | 6.780         | 2177.9 | 944.525   | 225906 | 5.354 | 0.599    | 0.755 |
| 1   | 6.787         | 2194.9 | 951.836   | 222927 | 5.348 | 0.603    | 0.751 |
| 1   | 6.795         | 2211.8 | 959.102   | 219986 | 5.342 | 0.608    | 0.748 |
| 1   | 6.802         | 2228.5 | 966.313   | 217084 | 5.337 | 0.613    | 0.744 |
| 1   | 6.809         | 2245.1 | 973.471   | 214220 | 5.331 | 0.617    | 0.741 |
| 1   | 6.816         | 2261.6 | 980.576   | 211395 | 5.325 | 0.622    | 0.737 |
| 1   | 6.823         | 2278.0 | 987.639   | 208606 | 5.319 | 0.626    | 0.734 |
| 1   | 6.831         | 2294.3 | 994.667   | 205854 | 5.314 | 0.631    | 0.730 |
| 1   | 6.838         | 2310.6 | 1001.669  | 203139 | 5.308 | 0.635    | 0.726 |
| 1   | 6.845         | 2326.8 | 1008.645  | 200459 | 5.302 | 0.639    | 0.723 |
| 1   | 6.852         | 2342.9 | 1015.584  | 197815 | 5.296 | 0.644    | 0.719 |
| 1   | 6.859         | 2358.9 | 1022.476  | 195206 | 5.290 | 0.648    | 0.715 |
| 1   | 6.867         | 2374.8 | 1029.305  | 192631 | 5.285 | 0.653    | 0.712 |
| 1   | 6.874         | 2390.5 | 1036.054  | 190090 | 5.279 | 0.657    | 0.708 |
| 1   | 6.881         | 2406.0 | 1042.715  | 187582 | 5.273 | 0.661    | 0.704 |
| 1   | 6.888         | 2421.3 | 1049.283  | 185108 | 5.267 | 0.665    | 0.700 |
| 1   | 6.895         | 2436.4 | 1055.760  | 182666 | 5.262 | 0.669    | 0.696 |
| 1   | 6.903         | 2451.3 | 1062.153  | 180257 | 5.256 | 0.673    | 0.692 |
| 1   | 6.910         | 2466.0 | 1068.470  | 177879 | 5.250 | 0.677    | 0.689 |
| 1   | 6.917         | 2480.6 | 1074.722  | 175532 | 5.244 | 0.681    | 0.685 |
| 1   | 6.924         | 2495.0 | 1080.919  | 173217 | 5.239 | 0.685    | 0.681 |
| 1   | 6.931         | 2509.3 | 1087.061  | 170932 | 5.233 | 0.689    | 0.677 |
| 1   | 6.939         | 2523.4 | 1093.145  | 168677 | 5.227 | 0.693    | 0.673 |
| 1   | 6.946         | 2537.4 | 1099.162  | 166452 | 5.221 | 0.697    | 0.669 |
| 1   | 6.953         | 2551.3 | 1105.099  | 164257 | 5.216 | 0.701    | 0.665 |
| 1   | 6.960         | 2564.9 | 1110.948  | 162090 | 5.210 | 0.704    | 0.661 |



| 峰 # | 保留时间<br>(min) | 响应     | 面积 (mV.s) | 切片分子量  | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|--------|-----------|--------|-------|----------|-------|
| 1   | 6.967         | 2578.3 | 1116.701  | 159952 | 5.204 | 0.708    | 0.657 |
| 1   | 6.975         | 2591.5 | 1122.349  | 157842 | 5.198 | 0.712    | 0.653 |
| 1   | 6.982         | 2604.5 | 1127.884  | 155760 | 5.192 | 0.715    | 0.649 |
| 1   | 6.989         | 2617.2 | 1133.309  | 153705 | 5.187 | 0.718    | 0.644 |
| 1   | 6.996         | 2629.6 | 1138.622  | 151678 | 5.181 | 0.722    | 0.640 |
| 1   | 7.003         | 2641.8 | 1143.814  | 149677 | 5.175 | 0.725    | 0.636 |
| 1   | 7.011         | 2653.6 | 1148.878  | 147702 | 5.169 | 0.728    | 0.632 |
| 1   | 7.018         | 2665.2 | 1153.802  | 145754 | 5.164 | 0.731    | 0.628 |
| 1   | 7.025         | 2676.4 | 1158.571  | 143831 | 5.158 | 0.735    | 0.624 |
| 1   | 7.032         | 2687.3 | 1163.171  | 141934 | 5.152 | 0.737    | 0.619 |
| 1   | 7.039         | 2697.7 | 1167.583  | 140062 | 5.146 | 0.740    | 0.615 |
| 1   | 7.047         | 2707.7 | 1171.794  | 138214 | 5.141 | 0.743    | 0.611 |
| 1   | 7.054         | 2717.2 | 1175.798  | 136391 | 5.135 | 0.745    | 0.606 |
| 1   | 7.061         | 2726.2 | 1179.590  | 134592 | 5.129 | 0.748    | 0.602 |
| 1   | 7.068         | 2734.8 | 1183.166  | 132817 | 5.123 | 0.750    | 0.598 |
| 1   | 7.075         | 2742.8 | 1186.527  | 131065 | 5.117 | 0.752    | 0.594 |
| 1   | 7.083         | 2750.3 | 1189.673  | 129336 | 5.112 | 0.754    | 0.589 |
| 1   | 7.090         | 2757.4 | 1192.605  | 127630 | 5.106 | 0.756    | 0.585 |
| 1   | 7.097         | 2763.9 | 1195.326  | 125946 | 5.100 | 0.758    | 0.580 |
| 1   | 7.104         | 2770.0 | 1197.831  | 124285 | 5.094 | 0.759    | 0.576 |
| 1   | 7.111         | 2775.5 | 1200.111  | 122645 | 5.089 | 0.761    | 0.572 |
| 1   | 7.119         | 2780.5 | 1202.158  | 121027 | 5.083 | 0.762    | 0.567 |
| 1   | 7.126         | 2785.0 | 1203.963  | 119431 | 5.077 | 0.763    | 0.563 |
| 1   | 7.133         | 2788.9 | 1205.520  | 117855 | 5.071 | 0.764    | 0.559 |
| 1   | 7.140         | 2792.2 | 1206.821  | 116301 | 5.066 | 0.765    | 0.554 |
| 1   | 7.147         | 2794.9 | 1207.860  | 114767 | 5.060 | 0.766    | 0.550 |
| 1   | 7.155         | 2797.0 | 1208.632  | 113253 | 5.054 | 0.766    | 0.545 |
| 1   | 7.162         | 2798.5 | 1209.141  | 111759 | 5.048 | 0.767    | 0.541 |
| 1   | 7.169         | 2799.4 | 1209.382  | 110285 | 5.043 | 0.767    | 0.536 |
| 1   | 7.176         | 2799.6 | 1209.358  | 108830 | 5.037 | 0.767    | 0.532 |
| 1   | 7.183         | 2799.2 | 1209.070  | 107394 | 5.031 | 0.767    | 0.528 |
| 1   | 7.191         | 2798.3 | 1208.516  | 105978 | 5.025 | 0.766    | 0.523 |
| 1   | 7.198         | 2796.7 | 1207.694  | 104580 | 5.019 | 0.766    | 0.519 |
| 1   | 7.205         | 2794.5 | 1206.605  | 103200 | 5.014 | 0.765    | 0.514 |
| 1   | 7.212         | 2791.6 | 1205.245  | 101839 | 5.008 | 0.764    | 0.510 |
| 1   | 7.219         | 2788.2 | 1203.609  | 100496 | 5.002 | 0.763    | 0.506 |
| 1   | 7.227         | 2784.1 | 1201.701  | 99170  | 4.996 | 0.762    | 0.501 |
| 1   | 7.234         | 2779.3 | 1199.523  | 97862  | 4.991 | 0.760    | 0.497 |
| 1   | 7.241         | 2774.0 | 1197.073  | 96571  | 4.985 | 0.759    | 0.492 |
| 1   | 7.248         | 2768.0 | 1194.355  | 95297  | 4.979 | 0.757    | 0.488 |
| 1   | 7.255         | 2761.4 | 1191.375  | 94040  | 4.973 | 0.755    | 0.484 |
| 1   | 7.263         | 2754.2 | 1188.137  | 92799  | 4.968 | 0.753    | 0.479 |
| 1   | 7.270         | 2746.4 | 1184.643  | 91575  | 4.962 | 0.751    | 0.475 |
| 1   | 7.277         | 2738.0 | 1180.899  | 90367  | 4.956 | 0.749    | 0.471 |
| 1   | 7.284         | 2729.1 | 1176.909  | 89175  | 4.950 | 0.746    | 0.466 |
| 1   | 7.291         | 2719.5 | 1172.679  | 87999  | 4.944 | 0.743    | 0.462 |
| 1   | 7.299         | 2709.5 | 1168.213  | 86838  | 4.939 | 0.741    | 0.458 |
| 1   | 7.306         | 2698.9 | 1163.516  | 85693  | 4.933 | 0.738    | 0.453 |
| 1   | 7.313         | 2687.7 | 1158.599  | 84562  | 4.927 | 0.735    | 0.449 |



| 峰 # | 保留时间<br>(min) | 响应     | 面积 (mV.s) | 切片分子量 | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|--------|-----------|-------|-------|----------|-------|
| 1   | 7.320         | 2676.1 | 1153.475  | 83447 | 4.921 | 0.731    | 0.445 |
| 1   | 7.327         | 2664.0 | 1148.152  | 82346 | 4.916 | 0.728    | 0.441 |
| 1   | 7.335         | 2651.5 | 1142.643  | 81260 | 4.910 | 0.724    | 0.437 |
| 1   | 7.342         | 2638.5 | 1136.964  | 80188 | 4.904 | 0.721    | 0.432 |
| 1   | 7.349         | 2625.2 | 1131.124  | 79130 | 4.898 | 0.717    | 0.428 |
| 1   | 7.356         | 2611.5 | 1125.140  | 78086 | 4.893 | 0.713    | 0.424 |
| 1   | 7.363         | 2597.5 | 1119.029  | 77056 | 4.887 | 0.709    | 0.420 |
| 1   | 7.371         | 2583.2 | 1112.812  | 76040 | 4.881 | 0.705    | 0.416 |
| 1   | 7.378         | 2568.7 | 1106.510  | 75037 | 4.875 | 0.702    | 0.412 |
| 1   | 7.385         | 2554.0 | 1100.150  | 74047 | 4.870 | 0.697    | 0.408 |
| 1   | 7.392         | 2539.2 | 1093.760  | 73070 | 4.864 | 0.693    | 0.404 |
| 1   | 7.399         | 2524.4 | 1087.366  | 72106 | 4.858 | 0.689    | 0.400 |
| 1   | 7.407         | 2509.6 | 1080.991  | 71155 | 4.852 | 0.685    | 0.396 |
| 1   | 7.414         | 2494.9 | 1074.648  | 70217 | 4.846 | 0.681    | 0.392 |
| 1   | 7.421         | 2480.3 | 1068.340  | 69290 | 4.841 | 0.677    | 0.388 |
| 1   | 7.428         | 2465.7 | 1062.064  | 68376 | 4.835 | 0.673    | 0.384 |
| 1   | 7.435         | 2451.2 | 1055.810  | 67474 | 4.829 | 0.669    | 0.380 |
| 1   | 7.443         | 2436.8 | 1049.558  | 66584 | 4.823 | 0.665    | 0.376 |
| 1   | 7.450         | 2422.3 | 1043.293  | 65706 | 4.818 | 0.661    | 0.372 |
| 1   | 7.457         | 2407.8 | 1037.005  | 64839 | 4.812 | 0.657    | 0.369 |
| 1   | 7.464         | 2393.2 | 1030.686  | 63984 | 4.806 | 0.653    | 0.365 |
| 1   | 7.471         | 2378.5 | 1024.341  | 63140 | 4.800 | 0.649    | 0.361 |
| 1   | 7.479         | 2363.8 | 1017.984  | 62307 | 4.795 | 0.645    | 0.357 |
| 1   | 7.486         | 2349.1 | 1011.622  | 61485 | 4.789 | 0.641    | 0.354 |
| 1   | 7.493         | 2334.3 | 1005.272  | 60674 | 4.783 | 0.637    | 0.350 |
| 1   | 7.500         | 2319.7 | 998.960   | 59874 | 4.777 | 0.633    | 0.346 |
| 1   | 7.507         | 2305.1 | 992.702   | 59084 | 4.771 | 0.629    | 0.343 |
| 1   | 7.515         | 2290.7 | 986.515   | 58305 | 4.766 | 0.625    | 0.339 |
| 1   | 7.522         | 2276.5 | 980.416   | 57536 | 4.760 | 0.622    | 0.335 |
| 1   | 7.529         | 2262.5 | 974.415   | 56777 | 4.754 | 0.618    | 0.332 |
| 1   | 7.536         | 2248.7 | 968.513   | 56028 | 4.748 | 0.614    | 0.328 |
| 1   | 7.543         | 2235.1 | 962.710   | 55289 | 4.743 | 0.610    | 0.325 |
| 1   | 7.551         | 2221.8 | 957.007   | 54559 | 4.737 | 0.607    | 0.321 |
| 1   | 7.558         | 2208.7 | 951.397   | 53840 | 4.731 | 0.603    | 0.318 |
| 1   | 7.565         | 2195.8 | 945.875   | 53129 | 4.725 | 0.600    | 0.314 |
| 1   | 7.572         | 2183.2 | 940.435   | 52429 | 4.720 | 0.596    | 0.311 |
| 1   | 7.579         | 2170.7 | 935.073   | 51737 | 4.714 | 0.593    | 0.307 |
| 1   | 7.587         | 2158.3 | 929.793   | 51055 | 4.708 | 0.589    | 0.304 |
| 1   | 7.594         | 2146.2 | 924.596   | 50381 | 4.702 | 0.586    | 0.300 |
| 1   | 7.601         | 2134.3 | 919.489   | 49716 | 4.696 | 0.583    | 0.297 |
| 1   | 7.608         | 2122.6 | 914.476   | 49061 | 4.691 | 0.580    | 0.294 |
| 1   | 7.615         | 2111.1 | 909.555   | 48414 | 4.685 | 0.577    | 0.290 |
| 1   | 7.623         | 2099.8 | 904.725   | 47775 | 4.679 | 0.574    | 0.287 |
| 1   | 7.630         | 2088.7 | 899.976   | 47145 | 4.673 | 0.571    | 0.284 |
| 1   | 7.637         | 2077.8 | 895.301   | 46523 | 4.668 | 0.568    | 0.280 |
| 1   | 7.644         | 2067.1 | 890.695   | 45909 | 4.662 | 0.565    | 0.277 |
| 1   | 7.651         | 2056.5 | 886.147   | 45304 | 4.656 | 0.562    | 0.274 |
| 1   | 7.659         | 2046.0 | 881.649   | 44706 | 4.650 | 0.559    | 0.271 |
| 1   | 7.666         | 2035.7 | 877.193   | 44116 | 4.645 | 0.556    | 0.267 |



| 峰 # | 保留时间<br>(min) | 响应     | 面积 (mV.s) | 切片分子量 | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|--------|-----------|-------|-------|----------|-------|
| 1   | 7.673         | 2025.4 | 872.766   | 43534 | 4.639 | 0.553    | 0.264 |
| 1   | 7.680         | 2015.2 | 868.367   | 42960 | 4.633 | 0.551    | 0.261 |
| 1   | 7.687         | 2005.0 | 863.995   | 42393 | 4.627 | 0.548    | 0.258 |
| 1   | 7.695         | 1994.9 | 859.641   | 41834 | 4.622 | 0.545    | 0.255 |
| 1   | 7.702         | 1984.9 | 855.303   | 41282 | 4.616 | 0.542    | 0.251 |
| 1   | 7.709         | 1974.8 | 850.978   | 40738 | 4.610 | 0.540    | 0.248 |
| 1   | 7.716         | 1964.8 | 846.670   | 40200 | 4.604 | 0.537    | 0.245 |
| 1   | 7.723         | 1954.9 | 842.380   | 39670 | 4.598 | 0.534    | 0.242 |
| 1   | 7.731         | 1945.0 | 838.102   | 39147 | 4.593 | 0.531    | 0.239 |
| 1   | 7.738         | 1935.1 | 833.833   | 38630 | 4.587 | 0.529    | 0.236 |
| 1   | 7.745         | 1925.2 | 829.564   | 38121 | 4.581 | 0.526    | 0.233 |
| 1   | 7.752         | 1915.3 | 825.284   | 37618 | 4.575 | 0.523    | 0.230 |
| 1   | 7.759         | 1905.4 | 820.974   | 37122 | 4.570 | 0.520    | 0.227 |
| 1   | 7.767         | 1895.4 | 816.615   | 36632 | 4.564 | 0.518    | 0.224 |
| 1   | 7.774         | 1885.2 | 812.194   | 36149 | 4.558 | 0.515    | 0.221 |
| 1   | 7.781         | 1874.9 | 807.701   | 35672 | 4.552 | 0.512    | 0.218 |
| 1   | 7.788         | 1864.4 | 803.127   | 35201 | 4.547 | 0.509    | 0.215 |
| 1   | 7.795         | 1853.7 | 798.472   | 34737 | 4.541 | 0.506    | 0.212 |
| 1   | 7.803         | 1842.9 | 793.736   | 34279 | 4.535 | 0.503    | 0.209 |
| 1   | 7.810         | 1831.8 | 788.929   | 33827 | 4.529 | 0.500    | 0.206 |
| 1   | 7.817         | 1820.6 | 784.060   | 33381 | 4.523 | 0.497    | 0.203 |
| 1   | 7.824         | 1809.3 | 779.134   | 32940 | 4.518 | 0.494    | 0.200 |
| 1   | 7.831         | 1797.8 | 774.157   | 32506 | 4.512 | 0.491    | 0.198 |
| 1   | 7.839         | 1786.2 | 769.127   | 32077 | 4.506 | 0.488    | 0.195 |
| 1   | 7.846         | 1774.5 | 764.042   | 31654 | 4.500 | 0.484    | 0.192 |
| 1   | 7.853         | 1762.7 | 758.900   | 31236 | 4.495 | 0.481    | 0.189 |
| 1   | 7.860         | 1750.7 | 753.696   | 30824 | 4.489 | 0.478    | 0.186 |
| 1   | 7.867         | 1738.6 | 748.425   | 30418 | 4.483 | 0.474    | 0.184 |
| 1   | 7.875         | 1726.3 | 743.082   | 30016 | 4.477 | 0.471    | 0.181 |
| 1   | 7.882         | 1713.9 | 737.664   | 29620 | 4.472 | 0.468    | 0.178 |
| 1   | 7.889         | 1701.2 | 732.173   | 29230 | 4.466 | 0.464    | 0.176 |
| 1   | 7.896         | 1688.4 | 726.608   | 28844 | 4.460 | 0.461    | 0.173 |
| 1   | 7.903         | 1675.5 | 720.969   | 28464 | 4.454 | 0.457    | 0.170 |
| 1   | 7.911         | 1662.3 | 715.259   | 28088 | 4.449 | 0.453    | 0.168 |
| 1   | 7.918         | 1649.0 | 709.483   | 27718 | 4.443 | 0.450    | 0.165 |
| 1   | 7.925         | 1635.6 | 703.641   | 27352 | 4.437 | 0.446    | 0.162 |
| 1   | 7.932         | 1622.0 | 697.742   | 26991 | 4.431 | 0.442    | 0.160 |
| 1   | 7.939         | 1608.3 | 691.790   | 26635 | 4.425 | 0.439    | 0.157 |
| 1   | 7.947         | 1594.4 | 685.789   | 26284 | 4.420 | 0.435    | 0.155 |
| 1   | 7.954         | 1580.5 | 679.738   | 25937 | 4.414 | 0.431    | 0.152 |
| 1   | 7.961         | 1566.4 | 673.635   | 25595 | 4.408 | 0.427    | 0.150 |
| 1   | 7.968         | 1552.2 | 667.480   | 25257 | 4.402 | 0.423    | 0.147 |
| 1   | 7.975         | 1537.9 | 661.269   | 24924 | 4.397 | 0.419    | 0.145 |
| 1   | 7.983         | 1523.5 | 654.996   | 24595 | 4.391 | 0.415    | 0.142 |
| 1   | 7.990         | 1508.9 | 648.655   | 24271 | 4.385 | 0.411    | 0.140 |
| 1   | 7.997         | 1494.1 | 642.246   | 23951 | 4.379 | 0.407    | 0.138 |
| 1   | 8.004         | 1479.2 | 635.769   | 23635 | 4.374 | 0.403    | 0.135 |
| 1   | 8.011         | 1464.1 | 629.232   | 23323 | 4.368 | 0.399    | 0.133 |
| 1   | 8.019         | 1448.9 | 622.641   | 23015 | 4.362 | 0.395    | 0.131 |



| 峰 # | 保留时间<br>(min) | 响应     | 面积 (mV.s) | 切片分子量 | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|--------|-----------|-------|-------|----------|-------|
| 1   | 8.026         | 1433.6 | 616.005   | 22712 | 4.356 | 0.391    | 0.128 |
| 1   | 8.033         | 1418.2 | 609.332   | 22412 | 4.350 | 0.386    | 0.126 |
| 1   | 8.040         | 1402.7 | 602.628   | 22117 | 4.345 | 0.382    | 0.124 |
| 1   | 8.047         | 1387.2 | 595.895   | 21825 | 4.339 | 0.378    | 0.122 |
| 1   | 8.055         | 1371.6 | 589.133   | 21537 | 4.333 | 0.373    | 0.120 |
| 1   | 8.062         | 1355.9 | 582.348   | 21253 | 4.327 | 0.369    | 0.117 |
| 1   | 8.069         | 1340.2 | 575.534   | 20973 | 4.322 | 0.365    | 0.115 |
| 1   | 8.076         | 1324.3 | 568.693   | 20696 | 4.316 | 0.361    | 0.113 |
| 1   | 8.083         | 1308.5 | 561.825   | 20423 | 4.310 | 0.356    | 0.111 |
| 1   | 8.091         | 1292.5 | 554.938   | 20153 | 4.304 | 0.352    | 0.109 |
| 1   | 8.098         | 1276.6 | 548.043   | 19888 | 4.299 | 0.347    | 0.107 |
| 1   | 8.105         | 1260.6 | 541.143   | 19625 | 4.293 | 0.343    | 0.105 |
| 1   | 8.112         | 1244.6 | 534.247   | 19366 | 4.287 | 0.339    | 0.103 |
| 1   | 8.119         | 1228.7 | 527.363   | 19111 | 4.281 | 0.334    | 0.101 |
| 1   | 8.127         | 1212.8 | 520.491   | 18859 | 4.276 | 0.330    | 0.099 |
| 1   | 8.134         | 1196.9 | 513.636   | 18610 | 4.270 | 0.326    | 0.097 |
| 1   | 8.141         | 1181.0 | 506.795   | 18365 | 4.264 | 0.321    | 0.095 |
| 1   | 8.148         | 1165.2 | 499.962   | 18122 | 4.258 | 0.317    | 0.093 |
| 1   | 8.155         | 1149.4 | 493.131   | 17883 | 4.252 | 0.313    | 0.092 |
| 1   | 8.163         | 1133.6 | 486.294   | 17647 | 4.247 | 0.308    | 0.090 |
| 1   | 8.170         | 1117.8 | 479.446   | 17415 | 4.241 | 0.304    | 0.088 |
| 1   | 8.177         | 1101.9 | 472.585   | 17185 | 4.235 | 0.300    | 0.086 |
| 1   | 8.184         | 1086.0 | 465.715   | 16958 | 4.229 | 0.295    | 0.085 |
| 1   | 8.191         | 1070.1 | 458.850   | 16735 | 4.224 | 0.291    | 0.083 |
| 1   | 8.199         | 1054.2 | 452.002   | 16514 | 4.218 | 0.287    | 0.081 |
| 1   | 8.206         | 1038.4 | 445.184   | 16296 | 4.212 | 0.282    | 0.080 |
| 1   | 8.213         | 1022.6 | 438.416   | 16081 | 4.206 | 0.278    | 0.078 |
| 1   | 8.220         | 1007.0 | 431.715   | 15869 | 4.201 | 0.274    | 0.076 |
| 1   | 8.227         | 991.6  | 425.091   | 15660 | 4.195 | 0.269    | 0.075 |
| 1   | 8.235         | 976.4  | 418.548   | 15453 | 4.189 | 0.265    | 0.073 |
| 1   | 8.242         | 961.3  | 412.080   | 15249 | 4.183 | 0.261    | 0.072 |
| 1   | 8.249         | 946.4  | 405.683   | 15048 | 4.177 | 0.257    | 0.070 |
| 1   | 8.256         | 931.7  | 399.349   | 14849 | 4.172 | 0.253    | 0.069 |
| 1   | 8.263         | 917.1  | 393.072   | 14654 | 4.166 | 0.249    | 0.067 |
| 1   | 8.271         | 902.6  | 386.844   | 14460 | 4.160 | 0.245    | 0.066 |
| 1   | 8.278         | 888.3  | 380.659   | 14270 | 4.154 | 0.241    | 0.064 |
| 1   | 8.285         | 874.0  | 374.513   | 14081 | 4.149 | 0.237    | 0.063 |
| 1   | 8.292         | 859.8  | 368.405   | 13896 | 4.143 | 0.234    | 0.062 |
| 1   | 8.299         | 845.7  | 362.344   | 13712 | 4.137 | 0.230    | 0.060 |
| 1   | 8.307         | 831.8  | 356.334   | 13531 | 4.131 | 0.226    | 0.059 |
| 1   | 8.314         | 817.9  | 350.380   | 13353 | 4.126 | 0.222    | 0.058 |
| 1   | 8.321         | 804.2  | 344.489   | 13177 | 4.120 | 0.218    | 0.056 |
| 1   | 8.328         | 790.6  | 338.664   | 13003 | 4.114 | 0.215    | 0.055 |
| 1   | 8.335         | 777.2  | 332.905   | 12831 | 4.108 | 0.211    | 0.054 |
| 1   | 8.343         | 764.0  | 327.213   | 12662 | 4.103 | 0.207    | 0.053 |
| 1   | 8.350         | 750.9  | 321.585   | 12495 | 4.097 | 0.204    | 0.051 |
| 1   | 8.357         | 737.9  | 316.011   | 12330 | 4.091 | 0.200    | 0.050 |
| 1   | 8.364         | 725.1  | 310.481   | 12168 | 4.085 | 0.197    | 0.049 |
| 1   | 8.371         | 712.3  | 304.987   | 12007 | 4.079 | 0.193    | 0.048 |



| 峰 # | 保留时间<br>(min) | 响应    | 面积 (mV.s) | 切片分子量 | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|-------|-----------|-------|-------|----------|-------|
| 1   | 8.379         | 699.6 | 299.528   | 11849 | 4.074 | 0.190    | 0.047 |
| 1   | 8.386         | 687.0 | 294.104   | 11692 | 4.068 | 0.186    | 0.046 |
| 1   | 8.393         | 674.5 | 288.720   | 11538 | 4.062 | 0.183    | 0.045 |
| 1   | 8.400         | 662.1 | 283.386   | 11386 | 4.056 | 0.180    | 0.044 |
| 1   | 8.407         | 649.8 | 278.115   | 11236 | 4.051 | 0.176    | 0.043 |
| 1   | 8.415         | 637.7 | 272.919   | 11088 | 4.045 | 0.173    | 0.042 |
| 1   | 8.422         | 625.8 | 267.808   | 10941 | 4.039 | 0.170    | 0.041 |
| 1   | 8.429         | 614.1 | 262.787   | 10797 | 4.033 | 0.167    | 0.040 |
| 1   | 8.436         | 602.5 | 257.857   | 10655 | 4.028 | 0.163    | 0.039 |
| 1   | 8.443         | 591.2 | 253.016   | 10514 | 4.022 | 0.160    | 0.038 |
| 1   | 8.451         | 580.1 | 248.259   | 10375 | 4.016 | 0.157    | 0.037 |
| 1   | 8.458         | 569.2 | 243.577   | 10239 | 4.010 | 0.154    | 0.036 |
| 1   | 8.465         | 558.5 | 238.960   | 10103 | 4.004 | 0.151    | 0.035 |
| 1   | 8.472         | 547.8 | 234.402   | 9970  | 3.999 | 0.149    | 0.034 |
| 1   | 8.479         | 537.4 | 229.895   | 9839  | 3.993 | 0.146    | 0.033 |
| 1   | 8.487         | 527.0 | 225.441   | 9709  | 3.987 | 0.143    | 0.032 |
| 1   | 8.494         | 516.7 | 221.036   | 9581  | 3.981 | 0.140    | 0.032 |
| 1   | 8.501         | 506.6 | 216.676   | 9454  | 3.976 | 0.137    | 0.031 |
| 1   | 8.508         | 496.5 | 212.364   | 9330  | 3.970 | 0.135    | 0.030 |
| 1   | 8.515         | 486.6 | 208.101   | 9207  | 3.964 | 0.132    | 0.029 |
| 1   | 8.523         | 476.8 | 203.893   | 9085  | 3.958 | 0.129    | 0.028 |
| 1   | 8.530         | 467.1 | 199.740   | 8965  | 3.953 | 0.127    | 0.028 |
| 1   | 8.537         | 457.6 | 195.646   | 8847  | 3.947 | 0.124    | 0.027 |
| 1   | 8.544         | 448.2 | 191.613   | 8730  | 3.941 | 0.121    | 0.026 |
| 1   | 8.551         | 438.9 | 187.640   | 8615  | 3.935 | 0.119    | 0.026 |
| 1   | 8.559         | 429.8 | 183.727   | 8502  | 3.930 | 0.116    | 0.025 |
| 1   | 8.566         | 420.8 | 179.873   | 8389  | 3.924 | 0.114    | 0.024 |
| 1   | 8.573         | 411.9 | 176.079   | 8279  | 3.918 | 0.112    | 0.024 |
| 1   | 8.580         | 403.2 | 172.350   | 8170  | 3.912 | 0.109    | 0.023 |
| 1   | 8.587         | 394.7 | 168.684   | 8062  | 3.906 | 0.107    | 0.022 |
| 1   | 8.595         | 386.3 | 165.080   | 7955  | 3.901 | 0.105    | 0.022 |
| 1   | 8.602         | 378.0 | 161.543   | 7851  | 3.895 | 0.102    | 0.021 |
| 1   | 8.609         | 369.9 | 158.076   | 7747  | 3.889 | 0.100    | 0.020 |
| 1   | 8.616         | 361.9 | 154.679   | 7645  | 3.883 | 0.098    | 0.020 |
| 1   | 8.623         | 354.2 | 151.352   | 7544  | 3.878 | 0.096    | 0.019 |
| 1   | 8.631         | 346.5 | 148.094   | 7444  | 3.872 | 0.094    | 0.019 |
| 1   | 8.638         | 339.1 | 144.905   | 7346  | 3.866 | 0.092    | 0.018 |
| 1   | 8.645         | 331.8 | 141.783   | 7249  | 3.860 | 0.090    | 0.018 |
| 1   | 8.652         | 324.6 | 138.726   | 7154  | 3.855 | 0.088    | 0.017 |
| 1   | 8.659         | 317.6 | 135.727   | 7059  | 3.849 | 0.086    | 0.017 |
| 1   | 8.667         | 310.7 | 132.782   | 6966  | 3.843 | 0.084    | 0.016 |
| 1   | 8.674         | 304.0 | 129.882   | 6874  | 3.837 | 0.082    | 0.016 |
| 1   | 8.681         | 297.3 | 127.020   | 6784  | 3.831 | 0.081    | 0.015 |
| 1   | 8.688         | 290.7 | 124.191   | 6694  | 3.826 | 0.079    | 0.015 |
| 1   | 8.695         | 284.2 | 121.398   | 6606  | 3.820 | 0.077    | 0.014 |
| 1   | 8.703         | 277.8 | 118.636   | 6519  | 3.814 | 0.075    | 0.014 |
| 1   | 8.710         | 271.4 | 115.908   | 6433  | 3.808 | 0.073    | 0.013 |
| 1   | 8.717         | 265.2 | 113.218   | 6348  | 3.803 | 0.072    | 0.013 |
| 1   | 8.724         | 259.0 | 110.573   | 6264  | 3.797 | 0.070    | 0.013 |



| 峰 # | 保留时间<br>(min) | 响应    | 面积 (mV.s) | 切片分子量 | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|-------|-----------|-------|-------|----------|-------|
| 1   | 8.731         | 252.9 | 107.978   | 6182  | 3.791 | 0.068    | 0.012 |
| 1   | 8.739         | 247.0 | 105.433   | 6100  | 3.785 | 0.067    | 0.012 |
| 1   | 8.746         | 241.1 | 102.935   | 6020  | 3.780 | 0.065    | 0.011 |
| 1   | 8.753         | 235.4 | 100.480   | 5940  | 3.774 | 0.064    | 0.011 |
| 1   | 8.760         | 229.8 | 98.062    | 5862  | 3.768 | 0.062    | 0.011 |
| 1   | 8.767         | 224.2 | 95.675    | 5784  | 3.762 | 0.061    | 0.010 |
| 1   | 8.775         | 218.7 | 93.315    | 5708  | 3.756 | 0.059    | 0.010 |
| 1   | 8.782         | 213.3 | 90.984    | 5633  | 3.751 | 0.058    | 0.010 |
| 1   | 8.789         | 207.9 | 88.683    | 5559  | 3.745 | 0.056    | 0.009 |
| 1   | 8.796         | 202.6 | 86.418    | 5485  | 3.739 | 0.055    | 0.009 |
| 1   | 8.803         | 197.4 | 84.195    | 5413  | 3.733 | 0.053    | 0.009 |
| 1   | 8.811         | 192.3 | 82.019    | 5341  | 3.728 | 0.052    | 0.008 |
| 1   | 8.818         | 187.4 | 79.897    | 5271  | 3.722 | 0.051    | 0.008 |
| 1   | 8.825         | 182.5 | 77.831    | 5201  | 3.716 | 0.049    | 0.008 |
| 1   | 8.832         | 177.8 | 75.821    | 5133  | 3.710 | 0.048    | 0.007 |
| 1   | 8.839         | 173.2 | 73.859    | 5065  | 3.705 | 0.047    | 0.007 |
| 1   | 8.847         | 168.7 | 71.936    | 4998  | 3.699 | 0.046    | 0.007 |
| 1   | 8.854         | 164.3 | 70.047    | 4932  | 3.693 | 0.044    | 0.007 |
| 1   | 8.861         | 160.0 | 68.187    | 4867  | 3.687 | 0.043    | 0.006 |
| 1   | 8.868         | 155.7 | 66.350    | 4803  | 3.682 | 0.042    | 0.006 |
| 1   | 8.875         | 151.5 | 64.535    | 4740  | 3.676 | 0.041    | 0.006 |
| 1   | 8.883         | 147.3 | 62.739    | 4677  | 3.670 | 0.040    | 0.006 |
| 1   | 8.890         | 143.2 | 60.961    | 4616  | 3.664 | 0.039    | 0.005 |
| 1   | 8.897         | 139.1 | 59.202    | 4555  | 3.658 | 0.038    | 0.005 |
| 1   | 8.904         | 135.0 | 57.466    | 4495  | 3.653 | 0.036    | 0.005 |
| 1   | 8.911         | 131.0 | 55.757    | 4435  | 3.647 | 0.035    | 0.005 |
| 1   | 8.919         | 127.1 | 54.076    | 4377  | 3.641 | 0.034    | 0.005 |
| 1   | 8.926         | 123.2 | 52.429    | 4319  | 3.635 | 0.033    | 0.004 |
| 1   | 8.933         | 119.5 | 50.821    | 4262  | 3.630 | 0.032    | 0.004 |
| 1   | 8.940         | 115.8 | 49.261    | 4206  | 3.624 | 0.031    | 0.004 |
| 1   | 8.947         | 112.3 | 47.759    | 4150  | 3.618 | 0.030    | 0.004 |
| 1   | 8.955         | 108.8 | 46.315    | 4096  | 3.612 | 0.029    | 0.004 |
| 1   | 8.962         | 105.6 | 44.932    | 4042  | 3.607 | 0.028    | 0.003 |
| 1   | 8.969         | 102.4 | 43.605    | 3988  | 3.601 | 0.028    | 0.003 |
| 1   | 8.976         | 99.4  | 42.325    | 3936  | 3.595 | 0.027    | 0.003 |
| 1   | 8.983         | 96.5  | 41.082    | 3884  | 3.589 | 0.026    | 0.003 |
| 1   | 8.991         | 93.7  | 39.863    | 3833  | 3.584 | 0.025    | 0.003 |
| 1   | 8.998         | 90.9  | 38.655    | 3782  | 3.578 | 0.025    | 0.003 |
| 1   | 9.005         | 88.1  | 37.445    | 3732  | 3.572 | 0.024    | 0.003 |
| 1   | 9.012         | 85.3  | 36.228    | 3683  | 3.566 | 0.023    | 0.002 |
| 1   | 9.019         | 82.4  | 35.000    | 3634  | 3.560 | 0.022    | 0.002 |
| 1   | 9.027         | 79.6  | 33.766    | 3586  | 3.555 | 0.021    | 0.002 |
| 1   | 9.034         | 76.7  | 32.532    | 3539  | 3.549 | 0.021    | 0.002 |
| 1   | 9.041         | 73.9  | 31.302    | 3492  | 3.543 | 0.020    | 0.002 |
| 1   | 9.048         | 71.0  | 30.083    | 3446  | 3.537 | 0.019    | 0.002 |
| 1   | 9.055         | 68.2  | 28.879    | 3401  | 3.532 | 0.018    | 0.002 |
| 1   | 9.063         | 65.5  | 27.695    | 3356  | 3.526 | 0.018    | 0.002 |
| 1   | 9.070         | 62.7  | 26.529    | 3312  | 3.520 | 0.017    | 0.001 |
| 1   | 9.077         | 60.1  | 25.382    | 3268  | 3.514 | 0.016    | 0.001 |



| 峰 # | 保留时间<br>(min) | 响应   | 面积 (mV.s) | 切片分子量 | 分子量对数 | dw/dLogM | 累计面积  |
|-----|---------------|------|-----------|-------|-------|----------|-------|
| 1   | 9.084         | 57.4 | 24.253    | 3225  | 3.509 | 0.015    | 0.001 |
| 1   | 9.091         | 54.8 | 23.142    | 3182  | 3.503 | 0.015    | 0.001 |
| 1   | 9.099         | 52.3 | 22.044    | 3140  | 3.497 | 0.014    | 0.001 |
| 1   | 9.106         | 49.8 | 20.961    | 3099  | 3.491 | 0.013    | 0.001 |
| 1   | 9.113         | 47.3 | 19.896    | 3058  | 3.485 | 0.013    | 0.001 |
| 1   | 9.120         | 44.8 | 18.852    | 3018  | 3.480 | 0.012    | 0.001 |
| 1   | 9.127         | 42.4 | 17.836    | 2978  | 3.474 | 0.011    | 0.001 |
| 1   | 9.135         | 40.1 | 16.854    | 2939  | 3.468 | 0.011    | 0.001 |
| 1   | 9.142         | 37.9 | 15.914    | 2900  | 3.462 | 0.010    | 0.001 |
| 1   | 9.149         | 35.8 | 15.019    | 2862  | 3.457 | 0.010    | 0.001 |
| 1   | 9.156         | 33.8 | 14.171    | 2824  | 3.451 | 0.009    | 0.001 |
| 1   | 9.163         | 31.8 | 13.369    | 2787  | 3.445 | 0.008    | 0.000 |
| 1   | 9.171         | 30.0 | 12.606    | 2750  | 3.439 | 0.008    | 0.000 |
| 1   | 9.178         | 28.3 | 11.875    | 2714  | 3.434 | 0.008    | 0.000 |
| 1   | 9.185         | 26.7 | 11.163    | 2678  | 3.428 | 0.007    | 0.000 |
| 1   | 9.192         | 25.0 | 10.461    | 2642  | 3.422 | 0.007    | 0.000 |
| 1   | 9.199         | 23.4 | 9.760     | 2608  | 3.416 | 0.006    | 0.000 |
| 1   | 9.207         | 21.8 | 9.057     | 2573  | 3.410 | 0.006    | 0.000 |
| 1   | 9.214         | 20.2 | 8.352     | 2539  | 3.405 | 0.005    | 0.000 |
| 1   | 9.221         | 18.5 | 7.645     | 2506  | 3.399 | 0.005    | 0.000 |
| 1   | 9.228         | 16.9 | 6.940     | 2473  | 3.393 | 0.004    | 0.000 |
| 1   | 9.235         | 15.3 | 6.242     | 2440  | 3.387 | 0.004    | 0.000 |
| 1   | 9.243         | 13.6 | 5.556     | 2408  | 3.382 | 0.004    | 0.000 |
| 1   | 9.250         | 12.1 | 4.888     | 2376  | 3.376 | 0.003    | 0.000 |
| 1   | 9.257         | 10.6 | 4.239     | 2345  | 3.370 | 0.003    | 0.000 |
| 1   | 9.264         | 9.1  | 3.612     | 2314  | 3.364 | 0.002    | 0.000 |
| 1   | 9.271         | 7.6  | 3.004     | 2283  | 3.359 | 0.002    | 0.000 |
| 1   | 9.279         | 6.3  | 2.416     | 2253  | 3.353 | 0.002    | 0.000 |
| 1   | 9.286         | 4.9  | 1.845     | 2224  | 3.347 | 0.001    | 0.000 |
| 1   | 9.293         | 3.6  | 1.291     | 2194  | 3.341 | 0.001    | 0.000 |
| 1   | 9.300         | 2.4  | 0.757     | 2165  | 3.335 | 0.000    | 0.000 |
| 1   | 9.307         | 1.1  | 0.247     | 2137  | 3.330 | 0.000    | 0.000 |
| 1   | 9.315         | 0.0  | 0.000     | 2109  | 3.324 | 0.000    | 0.000 |

未找到数据!