

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG110618\  
 Data File : FG002792.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Nov 2018 04:00  
 Sample : J5827-15  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\C44-FG110618.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.347       | 2.325        | 2.364      | BH       | 818            | 9685         | 0.03%          | 0.001%        |
| 2         | 2.376       | 2.364        | 2.451      | HH       | 874            | 9151         | 0.03%          | 0.001%        |
| 3         | 2.502       | 2.451        | 2.510      | PH       | 129            | 755          | 0.00%          | 0.000%        |
| 4         | 2.530       | 2.510        | 2.554      | HH       | 593            | 8292         | 0.02%          | 0.001%        |
| 5         | 2.586       | 2.554        | 2.608      | HH       | 644            | 9410         | 0.03%          | 0.001%        |
| 6         | 2.625       | 2.608        | 2.663      | HH       | 806            | 13104        | 0.04%          | 0.001%        |
| 7         | 2.678       | 2.663        | 2.694      | HH       | 787            | 6217         | 0.02%          | 0.001%        |
| 8         | 2.706       | 2.694        | 2.738      | HH       | 128            | 2086         | 0.01%          | 0.000%        |
| 9         | 2.771       | 2.738        | 2.788      | PH       | 236            | 1053         | 0.00%          | 0.000%        |
| 10        | 2.813       | 2.788        | 2.820      | PH       | 277            | 1723         | 0.01%          | 0.000%        |
| 11        | 2.833       | 2.820        | 2.858      | HH       | 637            | 5120         | 0.02%          | 0.001%        |
| 12        | 2.871       | 2.858        | 2.884      | PH       | 57             | 128          | 0.00%          | 0.000%        |
| 13        | 2.907       | 2.884        | 2.961      | PH       | 1136           | 15755        | 0.05%          | 0.002%        |
| 14        | 2.975       | 2.961        | 2.989      | HH       | 371            | 4030         | 0.01%          | 0.000%        |
| 15        | 3.026       | 2.989        | 3.043      | HH       | 367            | 10215        | 0.03%          | 0.001%        |
| 16        | 3.064       | 3.043        | 3.073      | HH       | 1754           | 18597        | 0.05%          | 0.002%        |
| 17        | 3.083       | 3.073        | 3.119      | HH       | 1860           | 23291        | 0.07%          | 0.003%        |
| 18        | 3.130       | 3.119        | 3.145      | HH       | 419            | 4234         | 0.01%          | 0.000%        |
| 19        | 3.165       | 3.145        | 3.185      | HH       | 1855           | 18954        | 0.06%          | 0.002%        |
| 20        | 3.202       | 3.185        | 3.218      | HH       | 496            | 6624         | 0.02%          | 0.001%        |
| 21        | 3.226       | 3.218        | 3.244      | HH       | 156            | 758          | 0.00%          | 0.000%        |
| 22        | 3.262       | 3.244        | 3.295      | PH       | 3929           | 34404        | 0.10%          | 0.004%        |
| 23        | 3.300       | 3.295        | 3.327      | HH       | 230            | 1138         | 0.00%          | 0.000%        |
| 24        | 3.345       | 3.327        | 3.367      | PH       | 129            | 1682         | 0.00%          | 0.000%        |
| 25        | 3.383       | 3.367        | 3.438      | HH       | 582            | 4345         | 0.01%          | 0.000%        |
| 26        | 3.468       | 3.438        | 3.564      | PH       | 1694           | 18283        | 0.05%          | 0.002%        |
| 27        | 3.585       | 3.564        | 3.619      | PH       | 140            | -870         | -0.00%         | -0.000%       |
| 28        | 3.678       | 3.619        | 3.700      | PH       | 1451           | 13923        | 0.04%          | 0.001%        |
| 29        | 3.714       | 3.700        | 3.736      | HH       | 778            | 6188         | 0.02%          | 0.001%        |
| 30        | 3.760       | 3.736        | 3.821      | PH       | 923            | 12130        | 0.04%          | 0.001%        |
| 31        | 3.834       | 3.821        | 3.851      | PH       | 81             | 272          | 0.00%          | 0.000%        |
| 32        | 3.857       | 3.851        | 3.871      | PH       | -10            | -717         | -0.00%         | -0.000%       |
| 33        | 3.884       | 3.871        | 3.916      | PH       | 124            | -570         | -0.00%         | -0.000%       |
| 34        | 3.933       | 3.916        | 3.951      | PH       | 221            | -13          | -0.00%         | -0.000%       |
| 35        | 3.996       | 3.951        | 4.025      | PH       | 448            | 6518         | 0.02%          | 0.001%        |
| 36        | 4.045       | 4.025        | 4.072      | PH       | 94886          | 753382       | 2.21%          | 0.081%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.094 | 4.072 | 4.124 | HH | 5124   | 63413 | 0.19% | 0.007% |
| 38 | 4.142 | 4.124 | 4.182 | HH | 671    | 13671 | 0.04% | 0.001% |
| 39 | 4.234 | 4.182 | 4.249 | PH | 3599   | 44907 | 0.13% | 0.005% |
| 40 | 4.259 | 4.249 | 4.284 | HH | 1973   | 24796 | 0.07% | 0.003% |
| 41 | 4.296 | 4.284 | 4.361 | HH | 587    | 5391  | 0.02% | 0.001% |
| 42 | 4.398 | 4.361 | 4.449 | PH | 2573   | 47984 | 0.14% | 0.005% |
| 43 | 4.465 | 4.449 | 4.485 | HH | 2112   | 19118 | 0.06% | 0.002% |
| 44 | 4.505 | 4.485 | 4.524 | PH | 1556   | 14836 | 0.04% | 0.002% |
| 45 | 4.539 | 4.524 | 4.549 | HH | 517    | 4992  | 0.01% | 0.001% |
| 46 | 4.581 | 4.549 | 4.594 | HH | 2287   | 27063 | 0.08% | 0.003% |
| 47 | 4.613 | 4.594 | 4.655 | HH | 5126   | 81361 | 0.24% | 0.009% |
| 48 | 4.687 | 4.655 | 4.711 | HH | 1908   | 34947 | 0.10% | 0.004% |
| 49 | 4.721 | 4.711 | 4.738 | HH | 1048   | 10541 | 0.03% | 0.001% |
| 50 | 4.751 | 4.738 | 4.764 | HH | 597    | 5587  | 0.02% | 0.001% |
| 51 | 4.802 | 4.764 | 4.828 | HH | 4114   | 50078 | 0.15% | 0.005% |
| 52 | 4.844 | 4.828 | 4.862 | HH | 514    | 6672  | 0.02% | 0.001% |
| 53 | 4.883 | 4.862 | 4.904 | HH | 725    | 11847 | 0.03% | 0.001% |
| 54 | 4.920 | 4.904 | 4.935 | HH | 1199   | 14481 | 0.04% | 0.002% |
| 55 | 4.943 | 4.935 | 4.981 | HH | 708    | 9148  | 0.03% | 0.001% |
| 56 | 5.007 | 4.981 | 5.019 | HH | 319    | 5109  | 0.02% | 0.001% |
| 57 | 5.038 | 5.019 | 5.050 | HH | 705    | 7469  | 0.02% | 0.001% |
| 58 | 5.083 | 5.050 | 5.099 | HH | 1590   | 23437 | 0.07% | 0.003% |
| 59 | 5.109 | 5.099 | 5.135 | HH | 802    | 10504 | 0.03% | 0.001% |
| 60 | 5.148 | 5.135 | 5.177 | HH | 841    | 13989 | 0.04% | 0.002% |
| 61 | 5.213 | 5.177 | 5.228 | HH | 2587   | 34142 | 0.10% | 0.004% |
| 62 | 5.242 | 5.228 | 5.295 | HH | 1951   | 26150 | 0.08% | 0.003% |
| 63 | 5.328 | 5.295 | 5.364 | HH | 2392   | 33850 | 0.10% | 0.004% |
| 64 | 5.401 | 5.364 | 5.425 | HH | 1008   | 19853 | 0.06% | 0.002% |
| 65 | 5.432 | 5.425 | 5.440 | HH | 299    | 2283  | 0.01% | 0.000% |
| 66 | 5.460 | 5.440 | 5.482 | HH | 477    | 6943  | 0.02% | 0.001% |
| 67 | 5.509 | 5.482 | 5.527 | PH | 3843   | 40314 | 0.12% | 0.004% |
| 68 | 5.576 | 5.527 | 5.601 | HH | 4377   | 92314 | 0.27% | 0.010% |
| 69 | 5.619 | 5.601 | 5.675 | HH | 1213   | 28547 | 0.08% | 0.003% |
| 70 | 5.699 | 5.675 | 5.714 | HH | 2316   | 28501 | 0.08% | 0.003% |
| 71 | 5.728 | 5.714 | 5.758 | HH | 2118   | 32892 | 0.10% | 0.004% |
| 72 | 5.796 | 5.758 | 5.804 | HH | 1452   | 26395 | 0.08% | 0.003% |
| 73 | 5.813 | 5.804 | 5.834 | HH | 1552   | 20808 | 0.06% | 0.002% |
| 74 | 5.852 | 5.834 | 5.870 | HH | 1624   | 25376 | 0.07% | 0.003% |
| 75 | 5.884 | 5.870 | 5.899 | HH | 1725   | 20700 | 0.06% | 0.002% |
| 76 | 5.914 | 5.899 | 5.946 | HH | 1129   | 24420 | 0.07% | 0.003% |
| 77 | 5.966 | 5.946 | 5.988 | HH | 1252   | 18826 | 0.06% | 0.002% |
| 78 | 6.016 | 5.988 | 6.026 | HH | 1175   | 18463 | 0.05% | 0.002% |
| 79 | 6.061 | 6.026 | 6.085 | HH | 4044   | 88873 | 0.26% | 0.010% |
| 80 | 6.121 | 6.085 | 6.140 | HH | 3715   | 55534 | 0.16% | 0.006% |
| 81 | 6.153 | 6.140 | 6.181 | HH | 1365   | 23008 | 0.07% | 0.002% |
| 82 | 6.209 | 6.181 | 6.229 | HH | 3322   | 51715 | 0.15% | 0.006% |
| 83 | 6.246 | 6.229 | 6.268 | HH | 1718   | 30176 | 0.09% | 0.003% |
| 84 | 6.283 | 6.268 | 6.315 | HH | 1445   | 32795 | 0.10% | 0.004% |
| 85 | 6.345 | 6.315 | 6.369 | HH | 3782   | 72319 | 0.21% | 0.008% |
| 86 | 6.376 | 6.369 | 6.395 | HH | 1522   | 20230 | 0.06% | 0.002% |
| 87 | 6.414 | 6.395 | 6.425 | HH | 1945   | 29111 | 0.09% | 0.003% |
| 88 | 6.431 | 6.425 | 6.449 | HH | 1830   | 21762 | 0.06% | 0.002% |
| 89 | 6.459 | 6.449 | 6.468 | HH | 1417   | 14263 | 0.04% | 0.002% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    | rteres |         |       |        |
| 90  | 6.494 | 6.468 | 6.545 | HH | 5414   | 114483  | 0.34% | 0.012% |
| 91  | 6.586 | 6.545 | 6.597 | HH | 1412   | 33812   | 0.10% | 0.004% |
| 92  | 6.617 | 6.597 | 6.633 | HH | 7779   | 88663   | 0.26% | 0.010% |
| 93  | 6.643 | 6.633 | 6.665 | HH | 3615   | 47125   | 0.14% | 0.005% |
| 94  | 6.695 | 6.665 | 6.731 | HH | 5483   | 95925   | 0.28% | 0.010% |
| 95  | 6.774 | 6.731 | 6.795 | HH | 2382   | 59051   | 0.17% | 0.006% |
| 96  | 6.832 | 6.795 | 6.865 | HH | 2323   | 71256   | 0.21% | 0.008% |
| 97  | 6.900 | 6.865 | 6.921 | HH | 4121   | 74603   | 0.22% | 0.008% |
| 98  | 6.956 | 6.921 | 6.981 | HH | 4371   | 85943   | 0.25% | 0.009% |
| 99  | 7.002 | 6.981 | 7.039 | HH | 3212   | 89546   | 0.26% | 0.010% |
| 100 | 7.058 | 7.039 | 7.082 | HH | 3629   | 63752   | 0.19% | 0.007% |
| 101 | 7.122 | 7.082 | 7.145 | HH | 10923  | 194735  | 0.57% | 0.021% |
| 102 | 7.155 | 7.145 | 7.181 | HH | 3266   | 56654   | 0.17% | 0.006% |
| 103 | 7.200 | 7.181 | 7.240 | HH | 4845   | 104909  | 0.31% | 0.011% |
| 104 | 7.260 | 7.240 | 7.279 | HH | 7157   | 95183   | 0.28% | 0.010% |
| 105 | 7.305 | 7.279 | 7.362 | HH | 8905   | 189247  | 0.56% | 0.020% |
| 106 | 7.419 | 7.362 | 7.452 | HH | 13617  | 274616  | 0.81% | 0.030% |
| 107 | 7.468 | 7.452 | 7.483 | HH | 3205   | 52607   | 0.15% | 0.006% |
| 108 | 7.499 | 7.483 | 7.534 | HH | 4181   | 94996   | 0.28% | 0.010% |
| 109 | 7.555 | 7.534 | 7.565 | HH | 2411   | 43111   | 0.13% | 0.005% |
| 110 | 7.597 | 7.565 | 7.635 | HH | 5415   | 151068  | 0.44% | 0.016% |
| 111 | 7.651 | 7.635 | 7.669 | HH | 3738   | 59263   | 0.17% | 0.006% |
| 112 | 7.715 | 7.669 | 7.726 | HH | 3531   | 90391   | 0.27% | 0.010% |
| 113 | 7.741 | 7.726 | 7.752 | HH | 4054   | 56286   | 0.17% | 0.006% |
| 114 | 7.759 | 7.752 | 7.772 | HH | 3865   | 43001   | 0.13% | 0.005% |
| 115 | 7.785 | 7.772 | 7.803 | HH | 4325   | 64313   | 0.19% | 0.007% |
| 116 | 7.822 | 7.803 | 7.830 | HH | 3632   | 52870   | 0.16% | 0.006% |
| 117 | 7.850 | 7.830 | 7.863 | HH | 5303   | 87703   | 0.26% | 0.009% |
| 118 | 7.875 | 7.863 | 7.889 | HH | 5001   | 70612   | 0.21% | 0.008% |
| 119 | 7.900 | 7.889 | 7.920 | HH | 4474   | 70527   | 0.21% | 0.008% |
| 120 | 7.943 | 7.920 | 7.968 | HH | 5039   | 111360  | 0.33% | 0.012% |
| 121 | 7.989 | 7.968 | 7.999 | HH | 5178   | 78906   | 0.23% | 0.008% |
| 122 | 8.005 | 7.999 | 8.015 | HH | 4766   | 44448   | 0.13% | 0.005% |
| 123 | 8.035 | 8.015 | 8.084 | HH | 7161   | 214079  | 0.63% | 0.023% |
| 124 | 8.114 | 8.084 | 8.159 | HH | 11510  | 281495  | 0.83% | 0.030% |
| 125 | 8.184 | 8.159 | 8.194 | HH | 5141   | 93047   | 0.27% | 0.010% |
| 126 | 8.225 | 8.194 | 8.242 | HH | 31392  | 407383  | 1.20% | 0.044% |
| 127 | 8.252 | 8.242 | 8.270 | HH | 10955  | 143080  | 0.42% | 0.015% |
| 128 | 8.293 | 8.270 | 8.325 | HH | 18014  | 314301  | 0.92% | 0.034% |
| 129 | 8.355 | 8.325 | 8.381 | HH | 102249 | 1117215 | 3.28% | 0.120% |
| 130 | 8.408 | 8.381 | 8.433 | HH | 10350  | 230914  | 0.68% | 0.025% |
| 131 | 8.462 | 8.433 | 8.477 | HH | 8276   | 160151  | 0.47% | 0.017% |
| 132 | 8.517 | 8.477 | 8.555 | HH | 7668   | 279337  | 0.82% | 0.030% |
| 133 | 8.583 | 8.555 | 8.610 | HH | 6931   | 177107  | 0.52% | 0.019% |
| 134 | 8.621 | 8.610 | 8.634 | HH | 4522   | 59874   | 0.18% | 0.006% |
| 135 | 8.655 | 8.634 | 8.677 | HH | 6316   | 141507  | 0.42% | 0.015% |
| 136 | 8.705 | 8.677 | 8.727 | HH | 15413  | 272855  | 0.80% | 0.029% |
| 137 | 8.758 | 8.727 | 8.808 | HH | 9986   | 355011  | 1.04% | 0.038% |
| 138 | 8.829 | 8.808 | 8.856 | HH | 13734  | 254977  | 0.75% | 0.027% |
| 139 | 8.883 | 8.856 | 8.902 | HH | 6200   | 156951  | 0.46% | 0.017% |
| 140 | 8.945 | 8.902 | 8.962 | HH | 9889   | 248094  | 0.73% | 0.027% |
| 141 | 8.978 | 8.962 | 8.999 | HH | 10554  | 169406  | 0.50% | 0.018% |

| rteres |        |        |        |    |       |        |       |        |
|--------|--------|--------|--------|----|-------|--------|-------|--------|
| 142    | 9.018  | 8.999  | 9.043  | HH | 6658  | 164444 | 0.48% | 0.018% |
| 143    | 9.069  | 9.043  | 9.086  | HH | 8437  | 181059 | 0.53% | 0.019% |
| 144    | 9.117  | 9.086  | 9.139  | HH | 26016 | 404984 | 1.19% | 0.044% |
| 145    | 9.156  | 9.139  | 9.186  | HH | 10411 | 214158 | 0.63% | 0.023% |
|        |        |        |        |    |       |        |       |        |
| 146    | 9.205  | 9.186  | 9.234  | HH | 6474  | 166480 | 0.49% | 0.018% |
| 147    | 9.271  | 9.234  | 9.289  | HH | 9714  | 218632 | 0.64% | 0.024% |
| 148    | 9.302  | 9.289  | 9.336  | HH | 8176  | 179231 | 0.53% | 0.019% |
| 149    | 9.354  | 9.336  | 9.368  | HH | 6778  | 122068 | 0.36% | 0.013% |
| 150    | 9.407  | 9.368  | 9.423  | HH | 10199 | 246073 | 0.72% | 0.026% |
|        |        |        |        |    |       |        |       |        |
| 151    | 9.439  | 9.423  | 9.465  | HH | 11060 | 214752 | 0.63% | 0.023% |
| 152    | 9.491  | 9.465  | 9.546  | HH | 20607 | 505837 | 1.49% | 0.054% |
| 153    | 9.572  | 9.546  | 9.601  | HH | 11975 | 292765 | 0.86% | 0.032% |
| 154    | 9.638  | 9.601  | 9.658  | HH | 8764  | 275608 | 0.81% | 0.030% |
| 155    | 9.673  | 9.658  | 9.715  | HH | 9029  | 272983 | 0.80% | 0.029% |
|        |        |        |        |    |       |        |       |        |
| 156    | 9.732  | 9.715  | 9.761  | HH | 7496  | 190515 | 0.56% | 0.021% |
| 157    | 9.774  | 9.761  | 9.791  | HH | 6550  | 109399 | 0.32% | 0.012% |
| 158    | 9.830  | 9.791  | 9.875  | HH | 10943 | 436136 | 1.28% | 0.047% |
| 159    | 9.898  | 9.875  | 9.951  | HH | 27629 | 553206 | 1.63% | 0.060% |
| 160    | 9.975  | 9.951  | 9.987  | HH | 7139  | 144558 | 0.42% | 0.016% |
|        |        |        |        |    |       |        |       |        |
| 161    | 10.003 | 9.987  | 10.044 | HH | 8188  | 232434 | 0.68% | 0.025% |
| 162    | 10.076 | 10.044 | 10.125 | HH | 7835  | 316929 | 0.93% | 0.034% |
| 163    | 10.139 | 10.125 | 10.155 | HH | 6092  | 104930 | 0.31% | 0.011% |
| 164    | 10.171 | 10.155 | 10.189 | HH | 7473  | 140736 | 0.41% | 0.015% |
| 165    | 10.203 | 10.189 | 10.215 | HH | 7289  | 107779 | 0.32% | 0.012% |
|        |        |        |        |    |       |        |       |        |
| 166    | 10.239 | 10.215 | 10.261 | HH | 9778  | 225808 | 0.66% | 0.024% |
| 167    | 10.287 | 10.261 | 10.313 | HH | 18242 | 369280 | 1.09% | 0.040% |
| 168    | 10.340 | 10.313 | 10.357 | HH | 11900 | 254912 | 0.75% | 0.027% |
| 169    | 10.374 | 10.357 | 10.398 | HH | 13620 | 256814 | 0.75% | 0.028% |
| 170    | 10.418 | 10.398 | 10.462 | HH | 11548 | 354433 | 1.04% | 0.038% |
|        |        |        |        |    |       |        |       |        |
| 171    | 10.497 | 10.462 | 10.534 | HH | 14543 | 460787 | 1.35% | 0.050% |
| 172    | 10.546 | 10.534 | 10.568 | HH | 11584 | 218742 | 0.64% | 0.024% |
| 173    | 10.589 | 10.568 | 10.605 | HH | 12686 | 245293 | 0.72% | 0.026% |
| 174    | 10.637 | 10.605 | 10.670 | HH | 30849 | 604650 | 1.78% | 0.065% |
| 175    | 10.708 | 10.670 | 10.736 | HH | 21546 | 631344 | 1.86% | 0.068% |
|        |        |        |        |    |       |        |       |        |
| 176    | 10.760 | 10.736 | 10.788 | HH | 9937  | 284192 | 0.84% | 0.031% |
| 177    | 10.798 | 10.788 | 10.825 | HH | 8190  | 172978 | 0.51% | 0.019% |
| 178    | 10.861 | 10.825 | 10.872 | HH | 9444  | 237200 | 0.70% | 0.026% |
| 179    | 10.897 | 10.872 | 10.941 | HH | 62462 | 958407 | 2.82% | 0.103% |
| 180    | 10.972 | 10.941 | 11.001 | HH | 23662 | 473567 | 1.39% | 0.051% |
|        |        |        |        |    |       |        |       |        |
| 181    | 11.031 | 11.001 | 11.079 | HH | 10726 | 435185 | 1.28% | 0.047% |
| 182    | 11.092 | 11.079 | 11.128 | HH | 9447  | 256074 | 0.75% | 0.028% |
| 183    | 11.146 | 11.128 | 11.163 | HH | 9765  | 182296 | 0.54% | 0.020% |
| 184    | 11.187 | 11.163 | 11.228 | HH | 12508 | 385003 | 1.13% | 0.041% |
| 185    | 11.261 | 11.228 | 11.277 | HH | 9872  | 263646 | 0.78% | 0.028% |
|        |        |        |        |    |       |        |       |        |
| 186    | 11.290 | 11.277 | 11.300 | HH | 9587  | 131381 | 0.39% | 0.014% |
| 187    | 11.342 | 11.300 | 11.366 | HH | 27391 | 571376 | 1.68% | 0.062% |
| 188    | 11.389 | 11.366 | 11.403 | HH | 11014 | 227402 | 0.67% | 0.024% |
| 189    | 11.431 | 11.403 | 11.481 | HH | 18205 | 575270 | 1.69% | 0.062% |
| 190    | 11.499 | 11.481 | 11.518 | HH | 10184 | 208866 | 0.61% | 0.022% |
|        |        |        |        |    |       |        |       |        |
| 191    | 11.548 | 11.518 | 11.569 | HH | 11693 | 313672 | 0.92% | 0.034% |
| 192    | 11.596 | 11.569 | 11.618 | HH | 11277 | 295868 | 0.87% | 0.032% |
| 193    | 11.635 | 11.618 | 11.674 | HH | 10885 | 340948 | 1.00% | 0.037% |
| 194    | 11.701 | 11.674 | 11.716 | HH | 20431 | 359815 | 1.06% | 0.039% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 195 | 11.733 | 11.716 | 11.785 | HH | 22146   | 590493   | 1.74%   | 0.064% |
| 196 | 11.818 | 11.785 | 11.836 | HH | 19254   | 454305   | 1.34%   | 0.049% |
| 197 | 11.851 | 11.836 | 11.865 | HH | 17455   | 254972   | 0.75%   | 0.027% |
| 198 | 11.903 | 11.865 | 11.934 | HH | 31883   | 782599   | 2.30%   | 0.084% |
| 199 | 11.956 | 11.934 | 11.973 | HH | 10594   | 234843   | 0.69%   | 0.025% |
| 200 | 12.015 | 11.973 | 12.036 | HH | 27089   | 625017   | 1.84%   | 0.067% |
| 201 | 12.071 | 12.036 | 12.097 | HH | 719109  | 8605330  | 25.30%  | 0.927% |
| 202 | 12.111 | 12.097 | 12.153 | HH | 22934   | 515172   | 1.51%   | 0.055% |
| 203 | 12.174 | 12.153 | 12.195 | HH | 15242   | 317731   | 0.93%   | 0.034% |
| 204 | 12.278 | 12.195 | 12.334 | HH | 135977  | 2883014  | 8.48%   | 0.310% |
| 205 | 12.351 | 12.334 | 12.366 | HH | 15374   | 272968   | 0.80%   | 0.029% |
| 206 | 12.385 | 12.366 | 12.398 | HH | 15179   | 267573   | 0.79%   | 0.029% |
| 207 | 12.423 | 12.398 | 12.463 | HH | 17714   | 584440   | 1.72%   | 0.063% |
| 208 | 12.499 | 12.463 | 12.522 | HH | 18048   | 563207   | 1.66%   | 0.061% |
| 209 | 12.536 | 12.522 | 12.578 | HH | 19231   | 532323   | 1.56%   | 0.057% |
| 210 | 12.605 | 12.578 | 12.627 | HH | 24958   | 544071   | 1.60%   | 0.059% |
| 211 | 12.656 | 12.627 | 12.687 | HH | 31427   | 764956   | 2.25%   | 0.082% |
| 212 | 12.723 | 12.687 | 12.775 | HH | 74518   | 1555751  | 4.57%   | 0.168% |
| 213 | 12.797 | 12.775 | 12.808 | HH | 14436   | 273367   | 0.80%   | 0.029% |
| 214 | 12.829 | 12.808 | 12.838 | HH | 14901   | 266863   | 0.78%   | 0.029% |
| 215 | 12.854 | 12.838 | 12.870 | HH | 16218   | 290356   | 0.85%   | 0.031% |
| 216 | 12.911 | 12.870 | 12.948 | HH | 19264   | 783983   | 2.30%   | 0.084% |
| 217 | 12.965 | 12.948 | 12.995 | HH | 16941   | 453010   | 1.33%   | 0.049% |
| 218 | 13.023 | 12.995 | 13.050 | HH | 67150   | 1066252  | 3.13%   | 0.115% |
| 219 | 13.107 | 13.050 | 13.133 | HH | 2048078 | 32042274 | 94.20%  | 3.450% |
| 220 | 13.167 | 13.133 | 13.228 | HH | 2260242 | 34016113 | 100.00% | 3.663% |
| 221 | 13.241 | 13.228 | 13.253 | HH | 22859   | 329078   | 0.97%   | 0.035% |
| 222 | 13.330 | 13.253 | 13.350 | HH | 592590  | 10366887 | 30.48%  | 1.116% |
| 223 | 13.364 | 13.350 | 13.407 | HH | 194669  | 3102370  | 9.12%   | 0.334% |
| 224 | 13.419 | 13.407 | 13.439 | HH | 30517   | 537386   | 1.58%   | 0.058% |
| 225 | 13.509 | 13.439 | 13.571 | HH | 48505   | 2373005  | 6.98%   | 0.256% |
| 226 | 13.621 | 13.571 | 13.650 | HH | 67151   | 1736726  | 5.11%   | 0.187% |
| 227 | 13.663 | 13.650 | 13.678 | HH | 26367   | 433769   | 1.28%   | 0.047% |
| 228 | 13.731 | 13.678 | 13.751 | HH | 35351   | 1273575  | 3.74%   | 0.137% |
| 229 | 13.770 | 13.751 | 13.791 | HH | 30025   | 689553   | 2.03%   | 0.074% |
| 230 | 13.810 | 13.791 | 13.832 | HH | 31464   | 694576   | 2.04%   | 0.075% |
| 231 | 13.862 | 13.832 | 13.878 | HH | 41684   | 924295   | 2.72%   | 0.100% |
| 232 | 13.899 | 13.878 | 13.927 | HH | 52576   | 1213450  | 3.57%   | 0.131% |
| 233 | 13.963 | 13.927 | 14.038 | HH | 46770   | 2238936  | 6.58%   | 0.241% |
| 234 | 14.072 | 14.038 | 14.108 | HH | 32890   | 1258694  | 3.70%   | 0.136% |
| 235 | 14.142 | 14.108 | 14.151 | HH | 67381   | 1242232  | 3.65%   | 0.134% |
| 236 | 14.162 | 14.151 | 14.215 | HH | 67611   | 1592406  | 4.68%   | 0.171% |
| 237 | 14.252 | 14.215 | 14.288 | HH | 37307   | 1534352  | 4.51%   | 0.165% |
| 238 | 14.314 | 14.288 | 14.334 | HH | 63810   | 1320935  | 3.88%   | 0.142% |
| 239 | 14.347 | 14.334 | 14.368 | HH | 41664   | 788547   | 2.32%   | 0.085% |
| 240 | 14.378 | 14.368 | 14.396 | HH | 34807   | 561476   | 1.65%   | 0.060% |
| 241 | 14.422 | 14.396 | 14.449 | HH | 49781   | 1272175  | 3.74%   | 0.137% |
| 242 | 14.481 | 14.449 | 14.511 | HH | 93854   | 2059859  | 6.06%   | 0.222% |
| 243 | 14.538 | 14.511 | 14.575 | HH | 56147   | 1645806  | 4.84%   | 0.177% |
| 244 | 14.593 | 14.575 | 14.615 | HH | 53661   | 1049872  | 3.09%   | 0.113% |
| 245 | 14.643 | 14.615 | 14.698 | HH | 42049   | 1838593  | 5.41%   | 0.198% |
| 246 | 14.718 | 14.698 | 14.728 | HH | 36159   | 634297   | 1.86%   | 0.068% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.761 | 14.728 | 14.838 | HH | 166231 | 4126729 | 12.13% | 0.444% |
| 248    | 14.857 | 14.838 | 14.872 | HH | 40182  | 778022  | 2.29%  | 0.084% |
| 249    | 14.908 | 14.872 | 14.923 | HH | 61569  | 1484610 | 4.36%  | 0.160% |
| 250    | 14.953 | 14.923 | 14.990 | HH | 124285 | 2991742 | 8.80%  | 0.322% |
| 251    | 15.020 | 14.990 | 15.038 | HH | 42563  | 1174765 | 3.45%  | 0.126% |
| 252    | 15.046 | 15.038 | 15.053 | HH | 42656  | 388556  | 1.14%  | 0.042% |
| 253    | 15.070 | 15.053 | 15.086 | HH | 45465  | 868368  | 2.55%  | 0.094% |
| 254    | 15.104 | 15.086 | 15.131 | HH | 44415  | 1140052 | 3.35%  | 0.123% |
| 255    | 15.157 | 15.131 | 15.190 | HH | 43685  | 1473475 | 4.33%  | 0.159% |
| 256    | 15.217 | 15.190 | 15.253 | HH | 45326  | 1612295 | 4.74%  | 0.174% |
| 257    | 15.273 | 15.253 | 15.311 | HH | 44874  | 1531551 | 4.50%  | 0.165% |
| 258    | 15.345 | 15.311 | 15.387 | HH | 91033  | 2667774 | 7.84%  | 0.287% |
| 259    | 15.396 | 15.387 | 15.412 | HH | 48267  | 687843  | 2.02%  | 0.074% |
| 260    | 15.423 | 15.412 | 15.439 | HH | 46567  | 746753  | 2.20%  | 0.080% |
| 261    | 15.486 | 15.439 | 15.518 | HH | 57938  | 2348428 | 6.90%  | 0.253% |
| 262    | 15.545 | 15.518 | 15.568 | HH | 89794  | 1969259 | 5.79%  | 0.212% |
| 263    | 15.583 | 15.568 | 15.603 | HH | 59586  | 1164888 | 3.42%  | 0.125% |
| 264    | 15.623 | 15.603 | 15.650 | HH | 53920  | 1419374 | 4.17%  | 0.153% |
| 265    | 15.747 | 15.650 | 15.789 | HH | 57353  | 4409325 | 12.96% | 0.475% |
| 266    | 15.814 | 15.789 | 15.841 | HH | 54376  | 1670394 | 4.91%  | 0.180% |
| 267    | 15.878 | 15.841 | 15.896 | HH | 57045  | 1833665 | 5.39%  | 0.197% |
| 268    | 15.916 | 15.896 | 15.929 | HH | 58291  | 1101090 | 3.24%  | 0.119% |
| 269    | 15.946 | 15.929 | 15.963 | HH | 58425  | 1191462 | 3.50%  | 0.128% |
| 270    | 15.989 | 15.963 | 16.015 | HH | 70404  | 1992901 | 5.86%  | 0.215% |
| 271    | 16.025 | 16.015 | 16.096 | HH | 62593  | 2882192 | 8.47%  | 0.310% |
| 272    | 16.105 | 16.096 | 16.141 | HH | 59354  | 1599172 | 4.70%  | 0.172% |
| 273    | 16.192 | 16.141 | 16.218 | HH | 66103  | 2891328 | 8.50%  | 0.311% |
| 274    | 16.225 | 16.218 | 16.233 | HH | 63422  | 557943  | 1.64%  | 0.060% |
| 275    | 16.297 | 16.233 | 16.318 | HH | 70033  | 3381750 | 9.94%  | 0.364% |
| 276    | 16.363 | 16.318 | 16.425 | HH | 78079  | 4572470 | 13.44% | 0.492% |
| 277    | 16.473 | 16.425 | 16.516 | HH | 113267 | 4560949 | 13.41% | 0.491% |
| 278    | 16.533 | 16.516 | 16.565 | HH | 85718  | 2343892 | 6.89%  | 0.252% |
| 279    | 16.605 | 16.565 | 16.627 | HH | 83018  | 2973666 | 8.74%  | 0.320% |
| 280    | 16.660 | 16.627 | 16.671 | HH | 81386  | 2138958 | 6.29%  | 0.230% |
| 281    | 16.696 | 16.671 | 16.712 | HH | 83667  | 2018814 | 5.93%  | 0.217% |
| 282    | 16.724 | 16.712 | 16.737 | HH | 82037  | 1195239 | 3.51%  | 0.129% |
| 283    | 16.796 | 16.737 | 16.833 | HH | 97555  | 5067287 | 14.90% | 0.546% |
| 284    | 16.854 | 16.833 | 16.878 | HH | 101165 | 2492760 | 7.33%  | 0.268% |
| 285    | 16.942 | 16.878 | 16.963 | HH | 114167 | 4873920 | 14.33% | 0.525% |
| 286    | 16.982 | 16.963 | 17.047 | HH | 102717 | 4865331 | 14.30% | 0.524% |
| 287    | 17.065 | 17.047 | 17.075 | HH | 94834  | 1592942 | 4.68%  | 0.172% |
| 288    | 17.133 | 17.075 | 17.150 | HH | 97833  | 4295457 | 12.63% | 0.463% |
| 289    | 17.166 | 17.150 | 17.188 | HH | 100378 | 2224268 | 6.54%  | 0.239% |
| 290    | 17.196 | 17.188 | 17.214 | HH | 103015 | 1593805 | 4.69%  | 0.172% |
| 291    | 17.224 | 17.214 | 17.239 | HH | 102499 | 1510246 | 4.44%  | 0.163% |
| 292    | 17.269 | 17.239 | 17.291 | HH | 105719 | 3203862 | 9.42%  | 0.345% |
| 293    | 17.310 | 17.291 | 17.335 | HH | 105532 | 2679822 | 7.88%  | 0.289% |
| 294    | 17.391 | 17.335 | 17.425 | HH | 130861 | 6104142 | 17.94% | 0.657% |
| 295    | 17.445 | 17.425 | 17.462 | HH | 109921 | 2416048 | 7.10%  | 0.260% |
| 296    | 17.471 | 17.462 | 17.492 | HH | 110767 | 1938368 | 5.70%  | 0.209% |
| 297    | 17.518 | 17.492 | 17.558 | HH | 121048 | 4469254 | 13.14% | 0.481% |
| 298    | 17.580 | 17.558 | 17.608 | HH | 115433 | 3398295 | 9.99%  | 0.366% |
| 299    | 17.674 | 17.608 | 17.705 | HH | 118181 | 6691269 | 19.67% | 0.720% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 300 | 17.751 | 17.705 | 17.766 | HH | 126220 | 4407888  | 12.96% | 0.475% |
| 301 | 17.833 | 17.766 | 17.865 | HH | 163740 | 7981898  | 23.47% | 0.859% |
| 302 | 17.891 | 17.865 | 17.908 | HH | 133073 | 3291609  | 9.68%  | 0.354% |
| 303 | 17.918 | 17.908 | 17.937 | HH | 129822 | 2293013  | 6.74%  | 0.247% |
| 304 | 17.991 | 17.937 | 18.054 | HH | 171413 | 10045965 | 29.53% | 1.082% |
| 305 | 18.072 | 18.054 | 18.085 | HH | 137621 | 2526643  | 7.43%  | 0.272% |
| 306 | 18.088 | 18.085 | 18.096 | HH | 138065 | 915912   | 2.69%  | 0.099% |
| 307 | 18.194 | 18.096 | 18.218 | HH | 167603 | 10709833 | 31.48% | 1.153% |
| 308 | 18.231 | 18.218 | 18.240 | HH | 156999 | 2013576  | 5.92%  | 0.217% |
| 309 | 18.256 | 18.240 | 18.294 | HH | 173837 | 5058918  | 14.87% | 0.545% |
| 310 | 18.361 | 18.294 | 18.381 | HH | 182035 | 8255903  | 24.27% | 0.889% |
| 311 | 18.391 | 18.381 | 18.455 | HH | 161730 | 6862678  | 20.17% | 0.739% |
| 312 | 18.490 | 18.455 | 18.516 | HH | 167014 | 5931747  | 17.44% | 0.639% |
| 313 | 18.531 | 18.516 | 18.551 | HH | 160645 | 3360217  | 9.88%  | 0.362% |
| 314 | 18.562 | 18.551 | 18.582 | HH | 160731 | 2973528  | 8.74%  | 0.320% |
| 315 | 18.629 | 18.582 | 18.637 | HH | 165916 | 5284179  | 15.53% | 0.569% |
| 316 | 18.667 | 18.637 | 18.709 | HH | 197861 | 7620037  | 22.40% | 0.820% |
| 317 | 18.789 | 18.709 | 18.815 | HH | 196775 | 10987078 | 32.30% | 1.183% |
| 318 | 18.835 | 18.815 | 18.859 | HH | 195984 | 4906347  | 14.42% | 0.528% |
| 319 | 18.867 | 18.859 | 18.902 | HH | 180467 | 4531167  | 13.32% | 0.488% |
| 320 | 18.954 | 18.902 | 18.985 | HH | 187654 | 8981794  | 26.40% | 0.967% |
| 321 | 19.029 | 18.985 | 19.049 | HH | 211530 | 7489455  | 22.02% | 0.806% |
| 322 | 19.068 | 19.049 | 19.099 | HH | 211321 | 5935547  | 17.45% | 0.639% |
| 323 | 19.114 | 19.099 | 19.157 | HH | 201714 | 6761465  | 19.88% | 0.728% |
| 324 | 19.182 | 19.157 | 19.228 | HH | 209335 | 8575408  | 25.21% | 0.923% |
| 325 | 19.272 | 19.228 | 19.283 | HH | 203421 | 6534323  | 19.21% | 0.704% |
| 326 | 19.308 | 19.283 | 19.343 | HH | 206338 | 7233654  | 21.27% | 0.779% |
| 327 | 19.351 | 19.343 | 19.359 | HH | 205003 | 1914290  | 5.63%  | 0.206% |
| 328 | 19.380 | 19.359 | 19.424 | HH | 207251 | 7996382  | 23.51% | 0.861% |
| 329 | 19.454 | 19.424 | 19.480 | HH | 223895 | 7112174  | 20.91% | 0.766% |
| 330 | 19.499 | 19.480 | 19.521 | HH | 219966 | 5313678  | 15.62% | 0.572% |
| 331 | 19.534 | 19.521 | 19.545 | HH | 215612 | 2981095  | 8.76%  | 0.321% |
| 332 | 19.570 | 19.545 | 19.613 | HH | 226125 | 9010252  | 26.49% | 0.970% |
| 333 | 19.648 | 19.613 | 19.663 | HH | 227663 | 6720141  | 19.76% | 0.724% |
| 334 | 19.700 | 19.663 | 19.711 | HH | 232324 | 6521438  | 19.17% | 0.702% |
| 335 | 19.731 | 19.711 | 19.761 | HH | 233464 | 6852209  | 20.14% | 0.738% |
| 336 | 19.825 | 19.761 | 19.875 | HH | 267447 | 16290924 | 47.89% | 1.754% |
| 337 | 19.894 | 19.875 | 19.925 | HH | 248564 | 7281476  | 21.41% | 0.784% |
| 338 | 19.947 | 19.925 | 19.975 | HH | 243482 | 7141830  | 21.00% | 0.769% |
| 339 | 20.020 | 19.975 | 20.067 | HH | 255439 | 13848677 | 40.71% | 1.491% |
| 340 | 20.082 | 20.067 | 20.097 | HH | 257940 | 4548256  | 13.37% | 0.490% |
| 341 | 20.120 | 20.097 | 20.158 | HH | 273986 | 9579377  | 28.16% | 1.031% |
| 342 | 20.166 | 20.158 | 20.178 | HH | 261143 | 3106646  | 9.13%  | 0.335% |
| 343 | 20.202 | 20.178 | 20.253 | HH | 282107 | 12095141 | 35.56% | 1.302% |
| 344 | 20.294 | 20.253 | 20.313 | HH | 279693 | 9693226  | 28.50% | 1.044% |
| 345 | 20.325 | 20.313 | 20.337 | HH | 274253 | 3950644  | 11.61% | 0.425% |
| 346 | 20.356 | 20.337 | 20.398 | HH | 282201 | 10184257 | 29.94% | 1.097% |
| 347 | 20.422 | 20.398 | 20.488 | HH | 280331 | 14588678 | 42.89% | 1.571% |
| 348 | 20.494 | 20.488 | 20.511 | HH | 272300 | 3625191  | 10.66% | 0.390% |
| 349 | 20.566 | 20.511 | 20.603 | HH | 289462 | 15234024 | 44.78% | 1.640% |
| 350 | 20.628 | 20.603 | 20.664 | HH | 277553 | 9903524  | 29.11% | 1.066% |
| 351 | 20.687 | 20.664 | 20.757 | HH | 267573 | 14535922 | 42.73% | 1.565% |

|     |        |        |        |    | rters  |          |        |        |  |
|-----|--------|--------|--------|----|--------|----------|--------|--------|--|
| 352 | 20.769 | 20.757 | 20.789 | HH | 259449 | 4896011  | 14.39% | 0.527% |  |
| 353 | 20.804 | 20.789 | 20.835 | HH | 263550 | 7170078  | 21.08% | 0.772% |  |
| 354 | 20.853 | 20.835 | 20.861 | HH | 265380 | 4164258  | 12.24% | 0.448% |  |
| 355 | 20.870 | 20.861 | 20.930 | HH | 267599 | 10748176 | 31.60% | 1.157% |  |
| 356 | 20.970 | 20.930 | 21.051 | HH | 274456 | 18577841 | 54.61% | 2.000% |  |
| 357 | 21.062 | 21.051 | 21.068 | HH | 251022 | 2613652  | 7.68%  | 0.281% |  |
| 358 | 21.076 | 21.068 | 21.105 | HH | 252073 | 5487538  | 16.13% | 0.591% |  |
| 359 | 21.122 | 21.105 | 21.141 | HH | 250783 | 5349259  | 15.73% | 0.576% |  |
| 360 | 21.152 | 21.141 | 21.163 | HH | 253689 | 3282146  | 9.65%  | 0.353% |  |
| 361 | 21.181 | 21.163 | 21.201 | HH | 251708 | 5725078  | 16.83% | 0.616% |  |
| 362 | 21.216 | 21.201 | 21.225 | HH | 250652 | 3479187  | 10.23% | 0.375% |  |
| 363 | 21.259 | 21.225 | 21.306 | HH | 251416 | 12044397 | 35.41% | 1.297% |  |
| 364 | 21.313 | 21.306 | 21.345 | HH | 243456 | 5534893  | 16.27% | 0.596% |  |
| 365 | 21.415 | 21.345 | 21.463 | HH | 251730 | 17037166 | 50.09% | 1.834% |  |
| 366 | 21.472 | 21.463 | 21.481 | HH | 237809 | 2602043  | 7.65%  | 0.280% |  |
| 367 | 21.494 | 21.481 | 21.504 | HH | 236434 | 3231329  | 9.50%  | 0.348% |  |
| 368 | 21.528 | 21.504 | 21.555 | HH | 242619 | 7188019  | 21.13% | 0.774% |  |
| 369 | 21.557 | 21.555 | 21.611 | HH | 241754 | 7974305  | 23.44% | 0.859% |  |
| 370 | 21.622 | 21.611 | 21.675 | HH | 236026 | 8932995  | 26.26% | 0.962% |  |
| 371 | 21.683 | 21.675 | 21.718 | HH | 234248 | 5861473  | 17.23% | 0.631% |  |
| 372 | 21.724 | 21.718 | 21.768 | HH | 229789 | 6726313  | 19.77% | 0.724% |  |
| 373 | 21.800 | 21.768 | 21.823 | HH | 223922 | 7314034  | 21.50% | 0.788% |  |
| 374 | 21.834 | 21.823 | 21.888 | HH | 224544 | 8685289  | 25.53% | 0.935% |  |
| 375 | 21.920 | 21.888 | 21.971 | HH | 235795 | 11328719 | 33.30% | 1.220% |  |
| 376 | 21.980 | 21.971 | 22.015 | HH | 224719 | 5811062  | 17.08% | 0.626% |  |
| 377 | 22.027 | 22.015 | 22.102 | HH | 225749 | 11529467 | 33.89% | 1.241% |  |
| 378 | 22.112 | 22.102 | 22.133 | HH | 219246 | 4049150  | 11.90% | 0.436% |  |
| 379 | 22.144 | 22.133 | 22.205 | HH | 216815 | 9054660  | 26.62% | 0.975% |  |
| 380 | 22.228 | 22.205 | 22.267 | HH | 217236 | 7830976  | 23.02% | 0.843% |  |
| 381 | 22.284 | 22.267 | 22.351 | HH | 210704 | 10471685 | 30.78% | 1.128% |  |
| 382 | 22.359 | 22.351 | 22.368 | HH | 207663 | 2050937  | 6.03%  | 0.221% |  |
| 383 | 22.373 | 22.368 | 22.388 | HH | 208436 | 2537976  | 7.46%  | 0.273% |  |
| 384 | 22.398 | 22.388 | 22.415 | HH | 208707 | 3253744  | 9.57%  | 0.350% |  |
| 385 | 22.486 | 22.415 | 22.562 | HH | 214448 | 18463329 | 54.28% | 1.988% |  |
| 386 | 22.567 | 22.562 | 22.578 | HH | 208261 | 2020215  | 5.94%  | 0.218% |  |
| 387 | 22.581 | 22.578 | 22.595 | HH | 208110 | 2043982  | 6.01%  | 0.220% |  |
| 388 | 22.600 | 22.595 | 22.645 | HH | 205351 | 6070276  | 17.85% | 0.654% |  |
| 389 | 22.657 | 22.645 | 22.668 | HH | 199825 | 2709776  | 7.97%  | 0.292% |  |
| 390 | 22.678 | 22.668 | 22.695 | HH | 199306 | 3218439  | 9.46%  | 0.347% |  |

Sum of corrected areas: 928719535

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