

## Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD013018\  
 Data File : FD019305.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Jan 2018 11:07  
 Sample : J1290-21 5X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : P:\HPCHEM1\FID\_D\methods\FD010318.M  
 Title :

Signal : FID2B.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         | 4.138       | 4.111        | 4.172      | BH       | 1327           | 15114        | 1.94%          | 0.047%        |
| 2         | 4.181       | 4.172        | 4.184      | HH       | 106            | 472          | 0.06%          | 0.001%        |
| 3         | 4.187       | 4.184        | 4.189      | HH       | 76             | 135          | 0.02%          | 0.000%        |
| 4         | 4.197       | 4.189        | 4.204      | HH       | 175            | 787          | 0.10%          | 0.002%        |
| 5         | 4.205       | 4.204        | 4.211      | HH       | 142            | 312          | 0.04%          | 0.001%        |
| 6         | 4.217       | 4.211        | 4.221      | PH       | 81             | 54           | 0.01%          | 0.000%        |
| 7         | 4.226       | 4.221        | 4.245      | PH       | 113            | 1033         | 0.13%          | 0.003%        |
| 8         | 4.248       | 4.245        | 4.253      | PH       | 108            | 326          | 0.04%          | 0.001%        |
| 9         | 4.259       | 4.253        | 4.266      | PH       | 159            | 277          | 0.04%          | 0.001%        |
| 10        | 4.270       | 4.266        | 4.273      | PH       | 48             | 52           | 0.01%          | 0.000%        |
| 11        | 4.282       | 4.273        | 4.290      | HH       | 215            | 1441         | 0.18%          | 0.005%        |
| 12        | 4.292       | 4.290        | 4.296      | HH       | 265            | 712          | 0.09%          | 0.002%        |
| 13        | 4.300       | 4.296        | 4.318      | HH       | 162            | 2405         | 0.31%          | 0.008%        |
| 14        | 4.321       | 4.318        | 4.328      | HH       | 330            | 1480         | 0.19%          | 0.005%        |
| 15        | 4.330       | 4.328        | 4.338      | HH       | 278            | 1007         | 0.13%          | 0.003%        |
| 16        | 4.341       | 4.338        | 4.343      | HH       | 142            | 271          | 0.03%          | 0.001%        |
| 17        | 4.346       | 4.343        | 4.349      | HH       | 134            | 326          | 0.04%          | 0.001%        |
| 18        | 4.357       | 4.349        | 4.372      | PH       | 174            | 1033         | 0.13%          | 0.003%        |
| 19        | 4.386       | 4.372        | 4.400      | PH       | 469            | 3870         | 0.50%          | 0.012%        |
| 20        | 4.415       | 4.400        | 4.433      | HH       | 342            | 3268         | 0.42%          | 0.010%        |
| 21        | 4.434       | 4.433        | 4.445      | HH       | 107            | 405          | 0.05%          | 0.001%        |
| 22        | 4.448       | 4.445        | 4.453      | HH       | 108            | 87           | 0.01%          | 0.000%        |
| 23        | 4.456       | 4.453        | 4.470      | PH       | 130            | 124          | 0.02%          | 0.000%        |
| 24        | 4.475       | 4.470        | 4.482      | PH       | 25             | -100         | -0.01%         | -0.000%       |
| 25        | 4.484       | 4.482        | 4.494      | PH       | 70             | 146          | 0.02%          | 0.000%        |
| 26        | 4.510       | 4.494        | 4.521      | HH       | 414            | 3487         | 0.45%          | 0.011%        |
| 27        | 4.523       | 4.521        | 4.528      | HH       | 183            | 497          | 0.06%          | 0.002%        |
| 28        | 4.529       | 4.528        | 4.541      | HH       | 159            | 586          | 0.08%          | 0.002%        |
| 29        | 4.544       | 4.541        | 4.545      | HH       | 143            | 308          | 0.04%          | 0.001%        |
| 30        | 4.547       | 4.545        | 4.549      | HH       | 185            | 254          | 0.03%          | 0.001%        |
| 31        | 4.552       | 4.549        | 4.566      | HH       | 213            | 1376         | 0.18%          | 0.004%        |
| 32        | 4.567       | 4.566        | 4.579      | HH       | 168            | 393          | 0.05%          | 0.001%        |
| 33        | 4.588       | 4.579        | 4.592      | PH       | 180            | 843          | 0.11%          | 0.003%        |
| 34        | 4.594       | 4.592        | 4.604      | HH       | 224            | 918          | 0.12%          | 0.003%        |
| 35        | 4.606       | 4.604        | 4.610      | PH       | 23             | -51          | -0.01%         | -0.000%       |
| 36        | 4.613       | 4.610        | 4.620      | PH       | -24            | -359         | -0.05%         | -0.001%       |

|    |       |       |       |    |            |        |        |         |
|----|-------|-------|-------|----|------------|--------|--------|---------|
|    |       |       |       |    | rteres.txt |        |        |         |
| 37 | 4.623 | 4.620 | 4.626 | PH | 24         | -243   | -0.03% | -0.001% |
| 38 | 4.649 | 4.626 | 4.658 | PH | 98         | -699   | -0.09% | -0.002% |
| 39 | 4.663 | 4.658 | 4.668 | PH | 47         | -130   | -0.02% | -0.000% |
| 40 | 4.680 | 4.668 | 4.682 | PH | 78         | 8      | 0.00%  | 0.000%  |
| 41 | 4.684 | 4.682 | 4.690 | HH | 73         | 244    | 0.03%  | 0.001%  |
| 42 | 4.692 | 4.690 | 4.697 | PH | 29         | -43    | -0.01% | -0.000% |
| 43 | 4.708 | 4.697 | 4.719 | PH | 307        | 2007   | 0.26%  | 0.006%  |
| 44 | 4.721 | 4.719 | 4.727 | HH | 125        | 191    | 0.02%  | 0.001%  |
| 45 | 4.730 | 4.727 | 4.736 | PH | 92         | 290    | 0.04%  | 0.001%  |
| 46 | 4.738 | 4.736 | 4.739 | PH | 128        | 145    | 0.02%  | 0.000%  |
| 47 | 4.743 | 4.739 | 4.758 | HH | 178        | 590    | 0.08%  | 0.002%  |
| 48 | 4.772 | 4.758 | 4.784 | PH | 171        | 771    | 0.10%  | 0.002%  |
| 49 | 4.786 | 4.784 | 4.799 | PH | 39         | -310   | -0.04% | -0.001% |
| 50 | 4.815 | 4.799 | 4.830 | PH | 535        | 5258   | 0.67%  | 0.016%  |
| 51 | 4.833 | 4.830 | 4.836 | HH | 280        | 614    | 0.08%  | 0.002%  |
| 52 | 4.838 | 4.836 | 4.847 | HH | 191        | 560    | 0.07%  | 0.002%  |
| 53 | 4.857 | 4.847 | 4.861 | HH | 337        | 1697   | 0.22%  | 0.005%  |
| 54 | 4.865 | 4.861 | 4.869 | HH | 289        | 1095   | 0.14%  | 0.003%  |
| 55 | 4.874 | 4.869 | 4.901 | HH | 241        | 481    | 0.06%  | 0.002%  |
| 56 | 4.919 | 4.901 | 4.925 | PH | 30         | -1252  | -0.16% | -0.004% |
| 57 | 4.938 | 4.925 | 4.957 | PH | 282        | 2972   | 0.38%  | 0.009%  |
| 58 | 4.962 | 4.957 | 4.979 | PH | 222        | 1584   | 0.20%  | 0.005%  |
| 59 | 4.984 | 4.979 | 5.013 | HH | 230        | 610    | 0.08%  | 0.002%  |
| 60 | 5.014 | 5.013 | 5.028 | PH | 134        | 41     | 0.01%  | 0.000%  |
| 61 | 5.042 | 5.028 | 5.050 | PH | 198        | 1501   | 0.19%  | 0.005%  |
| 62 | 5.053 | 5.050 | 5.093 | HH | 211        | 1530   | 0.20%  | 0.005%  |
| 63 | 5.108 | 5.093 | 5.126 | PH | 105        | -248   | -0.03% | -0.001% |
| 64 | 5.134 | 5.126 | 5.146 | PH | -37        | -565   | -0.07% | -0.002% |
| 65 | 5.169 | 5.146 | 5.194 | PH | 1814       | 20504  | 2.63%  | 0.064%  |
| 66 | 5.203 | 5.194 | 5.222 | HH | 201        | 1748   | 0.22%  | 0.005%  |
| 67 | 5.229 | 5.222 | 5.265 | PH | 22         | -510   | -0.07% | -0.002% |
| 68 | 5.283 | 5.265 | 5.305 | PH | 49         | -611   | -0.08% | -0.002% |
| 69 | 5.334 | 5.305 | 5.352 | PH | 406        | 4012   | 0.51%  | 0.013%  |
| 70 | 5.356 | 5.352 | 5.402 | HH | 161        | 1961   | 0.25%  | 0.006%  |
| 71 | 5.409 | 5.402 | 5.426 | PH | 167        | 629    | 0.08%  | 0.002%  |
| 72 | 5.447 | 5.426 | 5.487 | PH | 716        | 10300  | 1.32%  | 0.032%  |
| 73 | 5.504 | 5.487 | 5.511 | PH | 98         | 944    | 0.12%  | 0.003%  |
| 74 | 5.517 | 5.511 | 5.536 | HH | 263        | 1875   | 0.24%  | 0.006%  |
| 75 | 5.541 | 5.536 | 5.590 | HH | 158        | 40     | 0.01%  | 0.000%  |
| 76 | 5.616 | 5.590 | 5.639 | PH | 151        | 203    | 0.03%  | 0.001%  |
| 77 | 5.646 | 5.639 | 5.650 | PH | 76         | -88    | -0.01% | -0.000% |
| 78 | 5.663 | 5.650 | 5.676 | PH | 218        | 1215   | 0.16%  | 0.004%  |
| 79 | 5.686 | 5.676 | 5.690 | PH | 51         | -15    | -0.00% | -0.000% |
| 80 | 5.714 | 5.690 | 5.793 | PH | 9940       | 168757 | 21.62% | 0.528%  |
| 81 | 5.796 | 5.793 | 5.823 | HH | 753        | 10316  | 1.32%  | 0.032%  |
| 82 | 5.869 | 5.823 | 5.910 | HH | 981        | 30376  | 3.89%  | 0.095%  |
| 83 | 5.920 | 5.910 | 5.952 | HH | 395        | 7782   | 1.00%  | 0.024%  |
| 84 | 5.972 | 5.952 | 5.981 | HH | 433        | 5055   | 0.65%  | 0.016%  |
| 85 | 5.983 | 5.981 | 5.995 | HH | 225        | 1649   | 0.21%  | 0.005%  |
| 86 | 6.000 | 5.995 | 6.007 | HH | 220        | 1143   | 0.15%  | 0.004%  |
| 87 | 6.012 | 6.007 | 6.024 | HH | 267        | 2022   | 0.26%  | 0.006%  |
| 88 | 6.030 | 6.024 | 6.044 | HH | 206        | 1872   | 0.24%  | 0.006%  |
| 89 | 6.069 | 6.044 | 6.078 | HH | 353        | 4593   | 0.59%  | 0.014%  |

|     |       |       |       |    |            |        |        |        |
|-----|-------|-------|-------|----|------------|--------|--------|--------|
|     |       |       |       |    | rteres.txt |        |        |        |
| 90  | 6.080 | 6.078 | 6.117 | HH | 367        | 4041   | 0.52%  | 0.013% |
| 91  | 6.144 | 6.117 | 6.184 | HH | 1647       | 22590  | 2.89%  | 0.071% |
| 92  | 6.186 | 6.184 | 6.199 | HH | 171        | 769    | 0.10%  | 0.002% |
| 93  | 6.214 | 6.199 | 6.224 | HH | 209        | 2330   | 0.30%  | 0.007% |
| 94  | 6.227 | 6.224 | 6.247 | HH | 277        | 2153   | 0.28%  | 0.007% |
| 95  | 6.261 | 6.247 | 6.273 | HH | 413        | 4031   | 0.52%  | 0.013% |
| 96  | 6.290 | 6.273 | 6.309 | HH | 576        | 7616   | 0.98%  | 0.024% |
| 97  | 6.318 | 6.309 | 6.329 | HH | 236        | 2330   | 0.30%  | 0.007% |
| 98  | 6.335 | 6.329 | 6.346 | HH | 216        | 1486   | 0.19%  | 0.005% |
| 99  | 6.348 | 6.346 | 6.365 | HH | 240        | 1172   | 0.15%  | 0.004% |
| 100 | 6.375 | 6.365 | 6.402 | PH | 213        | 2672   | 0.34%  | 0.008% |
| 101 | 6.431 | 6.402 | 6.449 | PH | 437        | 7640   | 0.98%  | 0.024% |
| 102 | 6.456 | 6.449 | 6.461 | HH | 359        | 1996   | 0.26%  | 0.006% |
| 103 | 6.464 | 6.461 | 6.476 | HH | 298        | 2009   | 0.26%  | 0.006% |
| 104 | 6.490 | 6.476 | 6.504 | HH | 270        | 3919   | 0.50%  | 0.012% |
| 105 | 6.533 | 6.504 | 6.561 | HH | 1184       | 17125  | 2.19%  | 0.054% |
| 106 | 6.578 | 6.561 | 6.598 | HH | 348        | 4397   | 0.56%  | 0.014% |
| 107 | 6.619 | 6.598 | 6.626 | HH | 332        | 3946   | 0.51%  | 0.012% |
| 108 | 6.648 | 6.626 | 6.683 | HH | 929        | 17865  | 2.29%  | 0.056% |
| 109 | 6.694 | 6.683 | 6.724 | HH | 621        | 9995   | 1.28%  | 0.031% |
| 110 | 6.766 | 6.724 | 6.818 | HH | 5562       | 108681 | 13.93% | 0.340% |
| 111 | 6.822 | 6.818 | 6.825 | HH | 1019       | 4078   | 0.52%  | 0.013% |
| 112 | 6.837 | 6.825 | 6.874 | HH | 1353       | 26911  | 3.45%  | 0.084% |
| 113 | 6.893 | 6.874 | 6.979 | HH | 6310       | 119331 | 15.29% | 0.373% |
| 114 | 7.022 | 6.979 | 7.037 | HH | 764        | 20201  | 2.59%  | 0.063% |
| 115 | 7.062 | 7.037 | 7.091 | HH | 1740       | 30271  | 3.88%  | 0.095% |
| 116 | 7.111 | 7.091 | 7.126 | HH | 583        | 10770  | 1.38%  | 0.034% |
| 117 | 7.140 | 7.126 | 7.148 | HH | 580        | 6000   | 0.77%  | 0.019% |
| 118 | 7.153 | 7.148 | 7.182 | HH | 548        | 7739   | 0.99%  | 0.024% |
| 119 | 7.191 | 7.182 | 7.196 | HH | 427        | 3026   | 0.39%  | 0.009% |
| 120 | 7.202 | 7.196 | 7.212 | HH | 439        | 3664   | 0.47%  | 0.011% |
| 121 | 7.230 | 7.212 | 7.253 | HH | 736        | 12049  | 1.54%  | 0.038% |
| 122 | 7.257 | 7.253 | 7.261 | HH | 402        | 1700   | 0.22%  | 0.005% |
| 123 | 7.278 | 7.261 | 7.318 | HH | 500        | 15501  | 1.99%  | 0.048% |
| 124 | 7.323 | 7.318 | 7.354 | HH | 643        | 10072  | 1.29%  | 0.031% |
| 125 | 7.387 | 7.354 | 7.407 | HH | 694        | 15148  | 1.94%  | 0.047% |
| 126 | 7.415 | 7.407 | 7.432 | HH | 593        | 7563   | 0.97%  | 0.024% |
| 127 | 7.436 | 7.432 | 7.449 | HH | 546        | 4833   | 0.62%  | 0.015% |
| 128 | 7.475 | 7.449 | 7.486 | HH | 777        | 14729  | 1.89%  | 0.046% |
| 129 | 7.512 | 7.486 | 7.574 | HH | 1239       | 45315  | 5.81%  | 0.142% |
| 130 | 7.578 | 7.574 | 7.592 | HH | 766        | 7759   | 0.99%  | 0.024% |
| 131 | 7.597 | 7.592 | 7.606 | HH | 708        | 5626   | 0.72%  | 0.018% |
| 132 | 7.647 | 7.606 | 7.665 | HH | 2106       | 45099  | 5.78%  | 0.141% |
| 133 | 7.676 | 7.665 | 7.702 | HH | 1372       | 24475  | 3.14%  | 0.077% |
| 134 | 7.708 | 7.702 | 7.719 | HH | 844        | 7507   | 0.96%  | 0.023% |
| 135 | 7.747 | 7.719 | 7.815 | HH | 2730       | 90679  | 11.62% | 0.283% |
| 136 | 7.820 | 7.815 | 7.823 | HH | 849        | 3730   | 0.48%  | 0.012% |
| 137 | 7.849 | 7.823 | 7.866 | HH | 5456       | 76535  | 9.81%  | 0.239% |
| 138 | 7.880 | 7.866 | 7.907 | HH | 3648       | 67268  | 8.62%  | 0.210% |
| 139 | 7.927 | 7.907 | 7.960 | HH | 4347       | 78224  | 10.02% | 0.245% |
| 140 | 7.997 | 7.960 | 8.020 | HH | 7982       | 131558 | 16.86% | 0.411% |
| 141 | 8.033 | 8.020 | 8.054 | HH | 4847       | 73302  | 9.39%  | 0.229% |

| rteres.txt |        |        |        |    |       |        |         |        |
|------------|--------|--------|--------|----|-------|--------|---------|--------|
| 142        | 8.062  | 8.054  | 8.094  | HH | 2253  | 38027  | 4.87%   | 0.119% |
| 143        | 8.123  | 8.094  | 8.153  | HH | 4028  | 69192  | 8.87%   | 0.216% |
| 144        | 8.182  | 8.153  | 8.212  | HH | 8908  | 117911 | 15.11%  | 0.369% |
| 145        | 8.230  | 8.212  | 8.255  | HH | 2378  | 37085  | 4.75%   | 0.116% |
|            |        |        |        |    |       |        |         |        |
| 146        | 8.275  | 8.255  | 8.284  | HH | 1249  | 17788  | 2.28%   | 0.056% |
| 147        | 8.287  | 8.284  | 8.299  | HH | 1128  | 9470   | 1.21%   | 0.030% |
| 148        | 8.319  | 8.299  | 8.349  | HH | 9001  | 125921 | 16.14%  | 0.394% |
| 149        | 8.353  | 8.349  | 8.365  | HH | 1969  | 17258  | 2.21%   | 0.054% |
| 150        | 8.381  | 8.365  | 8.409  | HH | 2799  | 54355  | 6.96%   | 0.170% |
|            |        |        |        |    |       |        |         |        |
| 151        | 8.416  | 8.409  | 8.436  | HH | 1671  | 25073  | 3.21%   | 0.078% |
| 152        | 8.456  | 8.436  | 8.495  | HH | 2865  | 62573  | 8.02%   | 0.196% |
| 153        | 8.511  | 8.495  | 8.532  | HH | 1477  | 29123  | 3.73%   | 0.091% |
| 154        | 8.536  | 8.532  | 8.540  | HH | 1035  | 4459   | 0.57%   | 0.014% |
| 155        | 8.565  | 8.540  | 8.589  | HH | 4225  | 71784  | 9.20%   | 0.224% |
|            |        |        |        |    |       |        |         |        |
| 156        | 8.597  | 8.589  | 8.614  | HH | 1806  | 25015  | 3.21%   | 0.078% |
| 157        | 8.633  | 8.614  | 8.662  | HH | 1932  | 48227  | 6.18%   | 0.151% |
| 158        | 8.740  | 8.662  | 8.759  | HH | 5558  | 144044 | 18.46%  | 0.450% |
| 159        | 8.772  | 8.759  | 8.812  | HH | 2638  | 59737  | 7.65%   | 0.187% |
| 160        | 8.824  | 8.812  | 8.852  | HH | 1462  | 29582  | 3.79%   | 0.092% |
|            |        |        |        |    |       |        |         |        |
| 161        | 8.884  | 8.852  | 8.908  | HH | 2553  | 55298  | 7.09%   | 0.173% |
| 162        | 8.929  | 8.908  | 8.962  | HH | 2549  | 55642  | 7.13%   | 0.174% |
| 163        | 8.966  | 8.962  | 8.981  | HH | 1277  | 13634  | 1.75%   | 0.043% |
| 164        | 9.020  | 8.981  | 9.054  | HH | 2536  | 79021  | 10.13%  | 0.247% |
| 165        | 9.064  | 9.054  | 9.076  | HH | 1513  | 18125  | 2.32%   | 0.057% |
|            |        |        |        |    |       |        |         |        |
| 166        | 9.104  | 9.076  | 9.157  | HH | 10063 | 200482 | 25.69%  | 0.627% |
| 167        | 9.180  | 9.157  | 9.207  | HH | 3102  | 74667  | 9.57%   | 0.233% |
| 168        | 9.221  | 9.207  | 9.232  | HH | 2425  | 33927  | 4.35%   | 0.106% |
| 169        | 9.250  | 9.232  | 9.288  | HH | 4346  | 105420 | 13.51%  | 0.330% |
| 170        | 9.305  | 9.288  | 9.337  | HH | 2948  | 72439  | 9.28%   | 0.226% |
|            |        |        |        |    |       |        |         |        |
| 171        | 9.349  | 9.337  | 9.404  | HH | 1996  | 66122  | 8.47%   | 0.207% |
| 172        | 9.433  | 9.404  | 9.457  | HH | 2418  | 61993  | 7.94%   | 0.194% |
| 173        | 9.470  | 9.457  | 9.491  | HH | 2186  | 40221  | 5.15%   | 0.126% |
| 174        | 9.514  | 9.491  | 9.573  | HH | 6845  | 148042 | 18.97%  | 0.463% |
| 175        | 9.576  | 9.573  | 9.582  | HH | 1847  | 9838   | 1.26%   | 0.031% |
|            |        |        |        |    |       |        |         |        |
| 176        | 9.591  | 9.582  | 9.599  | HH | 1974  | 18859  | 2.42%   | 0.059% |
| 177        | 9.614  | 9.599  | 9.650  | HH | 2128  | 56671  | 7.26%   | 0.177% |
| 178        | 9.682  | 9.650  | 9.763  | HH | 2099  | 111256 | 14.26%  | 0.348% |
| 179        | 9.797  | 9.763  | 9.812  | HH | 1721  | 45248  | 5.80%   | 0.141% |
| 180        | 9.845  | 9.812  | 9.867  | HH | 2159  | 61043  | 7.82%   | 0.191% |
|            |        |        |        |    |       |        |         |        |
| 181        | 9.898  | 9.867  | 9.930  | HH | 3175  | 91513  | 11.73%  | 0.286% |
| 182        | 9.946  | 9.930  | 9.960  | HH | 2554  | 41670  | 5.34%   | 0.130% |
| 183        | 9.985  | 9.960  | 10.008 | HH | 4191  | 94490  | 12.11%  | 0.295% |
| 184        | 10.021 | 10.008 | 10.069 | HH | 3513  | 100473 | 12.87%  | 0.314% |
| 185        | 10.093 | 10.069 | 10.141 | HH | 3868  | 124681 | 15.98%  | 0.390% |
|            |        |        |        |    |       |        |         |        |
| 186        | 10.149 | 10.141 | 10.156 | HH | 2452  | 21144  | 2.71%   | 0.066% |
| 187        | 10.168 | 10.156 | 10.203 | HH | 2621  | 67635  | 8.67%   | 0.211% |
| 188        | 10.250 | 10.203 | 10.283 | HH | 5529  | 159447 | 20.43%  | 0.498% |
| 189        | 10.316 | 10.283 | 10.359 | HH | 5801  | 164918 | 21.13%  | 0.516% |
| 190        | 10.366 | 10.359 | 10.395 | HH | 2770  | 52404  | 6.71%   | 0.164% |
|            |        |        |        |    |       |        |         |        |
| 191        | 10.400 | 10.395 | 10.404 | HH | 2044  | 9988   | 1.28%   | 0.031% |
| 192        | 10.408 | 10.404 | 10.415 | HH | 2095  | 13828  | 1.77%   | 0.043% |
| 193        | 10.428 | 10.415 | 10.451 | HH | 2186  | 45053  | 5.77%   | 0.141% |
| 194        | 10.490 | 10.451 | 10.553 | HH | 52276 | 780410 | 100.00% | 2.440% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 10.575 | 10.553 | 10.663 | HH | 12528      | 343415 | 44.00% | 1.074% |
| 196 | 10.666 | 10.663 | 10.686 | HH | 2776       | 37227  | 4.77%  | 0.116% |
| 197 | 10.699 | 10.686 | 10.739 | HH | 2844       | 81299  | 10.42% | 0.254% |
| 198 | 10.756 | 10.739 | 10.781 | HH | 2595       | 60074  | 7.70%  | 0.188% |
| 199 | 10.808 | 10.781 | 10.827 | HH | 2880       | 70688  | 9.06%  | 0.221% |
| 200 | 10.866 | 10.827 | 10.871 | HH | 3106       | 75144  | 9.63%  | 0.235% |
| 201 | 10.889 | 10.871 | 10.912 | HH | 3455       | 74984  | 9.61%  | 0.234% |
| 202 | 10.947 | 10.912 | 11.001 | HH | 5081       | 170846 | 21.89% | 0.534% |
| 203 | 11.030 | 11.001 | 11.074 | HH | 5560       | 154166 | 19.75% | 0.482% |
| 204 | 11.099 | 11.074 | 11.119 | HH | 2782       | 70133  | 8.99%  | 0.219% |
| 205 | 11.158 | 11.119 | 11.206 | HH | 3137       | 145445 | 18.64% | 0.455% |
| 206 | 11.221 | 11.206 | 11.234 | HH | 2664       | 43078  | 5.52%  | 0.135% |
| 207 | 11.240 | 11.234 | 11.249 | HH | 2708       | 23833  | 3.05%  | 0.075% |
| 208 | 11.256 | 11.249 | 11.269 | HH | 2670       | 30984  | 3.97%  | 0.097% |
| 209 | 11.293 | 11.269 | 11.310 | HH | 10764      | 158796 | 20.35% | 0.496% |
| 210 | 11.326 | 11.310 | 11.376 | HH | 11010      | 228751 | 29.31% | 0.715% |
| 211 | 11.402 | 11.376 | 11.424 | HH | 12865      | 212756 | 27.26% | 0.665% |
| 212 | 11.439 | 11.424 | 11.454 | HH | 7856       | 116747 | 14.96% | 0.365% |
| 213 | 11.471 | 11.454 | 11.529 | HH | 9495       | 234892 | 30.10% | 0.734% |
| 214 | 11.545 | 11.529 | 11.563 | HH | 3086       | 60338  | 7.73%  | 0.189% |
| 215 | 11.587 | 11.563 | 11.599 | HH | 3695       | 71586  | 9.17%  | 0.224% |
| 216 | 11.612 | 11.599 | 11.650 | HH | 4085       | 105001 | 13.45% | 0.328% |
| 217 | 11.694 | 11.650 | 11.718 | HH | 3480       | 126324 | 16.19% | 0.395% |
| 218 | 11.722 | 11.718 | 11.746 | HH | 3096       | 51853  | 6.64%  | 0.162% |
| 219 | 11.768 | 11.746 | 11.824 | HH | 5902       | 192247 | 24.63% | 0.601% |
| 220 | 11.832 | 11.824 | 11.838 | HH | 3571       | 29572  | 3.79%  | 0.092% |
| 221 | 11.862 | 11.838 | 11.890 | HH | 5501       | 126626 | 16.23% | 0.396% |
| 222 | 11.907 | 11.890 | 11.932 | HH | 3952       | 87728  | 11.24% | 0.274% |
| 223 | 11.951 | 11.932 | 11.962 | HH | 3303       | 57258  | 7.34%  | 0.179% |
| 224 | 11.989 | 11.962 | 12.003 | HH | 3468       | 82466  | 10.57% | 0.258% |
| 225 | 12.020 | 12.003 | 12.036 | HH | 4020       | 75959  | 9.73%  | 0.237% |
| 226 | 12.040 | 12.036 | 12.066 | HH | 3923       | 63833  | 8.18%  | 0.200% |
| 227 | 12.084 | 12.066 | 12.140 | HH | 4813       | 170881 | 21.90% | 0.534% |
| 228 | 12.187 | 12.140 | 12.208 | HH | 9309       | 222963 | 28.57% | 0.697% |
| 229 | 12.225 | 12.208 | 12.236 | HH | 5822       | 93262  | 11.95% | 0.292% |
| 230 | 12.250 | 12.236 | 12.278 | HH | 6665       | 142363 | 18.24% | 0.445% |
| 231 | 12.300 | 12.278 | 12.366 | HH | 37062      | 649920 | 83.28% | 2.032% |
| 232 | 12.370 | 12.366 | 12.379 | HH | 3724       | 27486  | 3.52%  | 0.086% |
| 233 | 12.411 | 12.379 | 12.445 | HH | 4104       | 151970 | 19.47% | 0.475% |
| 234 | 12.467 | 12.445 | 12.481 | HH | 4628       | 90838  | 11.64% | 0.284% |
| 235 | 12.493 | 12.481 | 12.513 | HH | 5323       | 89877  | 11.52% | 0.281% |
| 236 | 12.530 | 12.513 | 12.563 | HH | 4775       | 131103 | 16.80% | 0.410% |
| 237 | 12.594 | 12.563 | 12.608 | HH | 42379      | 560262 | 71.79% | 1.751% |
| 238 | 12.619 | 12.608 | 12.644 | HH | 32341      | 421703 | 54.04% | 1.318% |
| 239 | 12.659 | 12.644 | 12.684 | HH | 8155       | 152476 | 19.54% | 0.477% |
| 240 | 12.704 | 12.684 | 12.729 | HH | 6533       | 145242 | 18.61% | 0.454% |
| 241 | 12.738 | 12.729 | 12.757 | HH | 4959       | 80154  | 10.27% | 0.251% |
| 242 | 12.774 | 12.757 | 12.779 | HH | 4648       | 62180  | 7.97%  | 0.194% |
| 243 | 12.791 | 12.779 | 12.801 | HH | 4769       | 60838  | 7.80%  | 0.190% |
| 244 | 12.803 | 12.801 | 12.838 | HH | 4629       | 94224  | 12.07% | 0.295% |
| 245 | 12.870 | 12.838 | 12.884 | HH | 5124       | 128920 | 16.52% | 0.403% |
| 246 | 12.887 | 12.884 | 12.916 | HH | 5034       | 92920  | 11.91% | 0.290% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 247 | 12.930 | 12.916 | 12.974 | HH | 5134       | 158734 | 20.34% | 0.496% |
| 248 | 12.995 | 12.974 | 13.008 | HH | 5060       | 93845  | 12.03% | 0.293% |
| 249 | 13.019 | 13.008 | 13.039 | HH | 5248       | 90873  | 11.64% | 0.284% |
| 250 | 13.065 | 13.039 | 13.115 | HH | 7170       | 258211 | 33.09% | 0.807% |
| 251 | 13.119 | 13.115 | 13.128 | HH | 4524       | 33467  | 4.29%  | 0.105% |
| 252 | 13.194 | 13.128 | 13.243 | HH | 11295      | 453910 | 58.16% | 1.419% |
| 253 | 13.257 | 13.243 | 13.278 | HH | 5447       | 108193 | 13.86% | 0.338% |
| 254 | 13.299 | 13.278 | 13.320 | HH | 10592      | 195709 | 25.08% | 0.612% |
| 255 | 13.338 | 13.320 | 13.387 | HH | 9197       | 287034 | 36.78% | 0.897% |
| 256 | 13.396 | 13.387 | 13.423 | HH | 5558       | 115982 | 14.86% | 0.363% |
| 257 | 13.463 | 13.423 | 13.486 | HH | 9860       | 279755 | 35.85% | 0.875% |
| 258 | 13.504 | 13.486 | 13.567 | HH | 8179       | 301870 | 38.68% | 0.944% |
| 259 | 13.579 | 13.567 | 13.605 | HH | 5389       | 116170 | 14.89% | 0.363% |
| 260 | 13.634 | 13.605 | 13.649 | HH | 5437       | 137027 | 17.56% | 0.428% |
| 261 | 13.668 | 13.649 | 13.690 | HH | 5764       | 133533 | 17.11% | 0.417% |
| 262 | 13.694 | 13.690 | 13.717 | HH | 5506       | 87712  | 11.24% | 0.274% |
| 263 | 13.724 | 13.717 | 13.730 | HH | 5401       | 42302  | 5.42%  | 0.132% |
| 264 | 13.734 | 13.730 | 13.746 | HH | 5412       | 50811  | 6.51%  | 0.159% |
| 265 | 13.780 | 13.746 | 13.785 | HH | 5661       | 124750 | 15.99% | 0.390% |
| 266 | 13.790 | 13.785 | 13.795 | HH | 5715       | 33595  | 4.30%  | 0.105% |
| 267 | 13.800 | 13.795 | 13.807 | HH | 5543       | 38713  | 4.96%  | 0.121% |
| 268 | 13.856 | 13.807 | 13.869 | HH | 6244       | 213375 | 27.34% | 0.667% |
| 269 | 13.893 | 13.869 | 13.898 | HH | 6922       | 113915 | 14.60% | 0.356% |
| 270 | 13.908 | 13.898 | 13.912 | HH | 7031       | 58235  | 7.46%  | 0.182% |
| 271 | 13.923 | 13.912 | 13.965 | HH | 7213       | 200578 | 25.70% | 0.627% |
| 272 | 14.001 | 13.965 | 14.017 | HH | 7513       | 209279 | 26.82% | 0.654% |
| 273 | 14.024 | 14.017 | 14.079 | HH | 7317       | 246888 | 31.64% | 0.772% |
| 274 | 14.116 | 14.079 | 14.138 | HH | 8225       | 257183 | 32.95% | 0.804% |
| 275 | 14.161 | 14.138 | 14.197 | HH | 10772      | 302721 | 38.79% | 0.946% |
| 276 | 14.203 | 14.197 | 14.213 | HH | 6843       | 62647  | 8.03%  | 0.196% |
| 277 | 14.235 | 14.213 | 14.266 | HH | 7248       | 217424 | 27.86% | 0.680% |
| 278 | 14.283 | 14.266 | 14.305 | HH | 6910       | 157300 | 20.16% | 0.492% |
| 279 | 14.337 | 14.305 | 14.399 | HH | 32013      | 724202 | 92.80% | 2.264% |
| 280 | 14.405 | 14.399 | 14.411 | HH | 6577       | 45540  | 5.84%  | 0.142% |
| 281 | 14.421 | 14.411 | 14.429 | HH | 6659       | 68615  | 8.79%  | 0.214% |
| 282 | 14.474 | 14.429 | 14.494 | HH | 22248      | 459023 | 58.82% | 1.435% |
| 283 | 14.513 | 14.494 | 14.570 | HH | 21763      | 583648 | 74.79% | 1.824% |
| 284 | 14.582 | 14.570 | 14.608 | HH | 8087       | 172554 | 22.11% | 0.539% |
| 285 | 14.633 | 14.608 | 14.668 | HH | 10781      | 311340 | 39.89% | 0.973% |
| 286 | 14.692 | 14.668 | 14.715 | HH | 7967       | 217391 | 27.86% | 0.680% |
| 287 | 14.720 | 14.715 | 14.748 | HH | 7482       | 143950 | 18.45% | 0.450% |
| 288 | 14.752 | 14.748 | 14.755 | HH | 7023       | 30507  | 3.91%  | 0.095% |
| 289 | 14.789 | 14.755 | 14.799 | HH | 7759       | 191664 | 24.56% | 0.599% |
| 290 | 14.834 | 14.799 | 14.860 | HH | 8182       | 284841 | 36.50% | 0.890% |
| 291 | 14.871 | 14.860 | 14.892 | HH | 7528       | 140900 | 18.05% | 0.440% |
| 292 | 14.919 | 14.892 | 15.014 | HH | 16511      | 756699 | 96.96% | 2.365% |
| 293 | 15.068 | 15.014 | 15.088 | HH | 11150      | 396183 | 50.77% | 1.238% |
| 294 | 15.108 | 15.088 | 15.128 | HH | 10860      | 225865 | 28.94% | 0.706% |
| 295 | 15.151 | 15.128 | 15.176 | HH | 12827      | 300075 | 38.45% | 0.938% |
| 296 | 15.192 | 15.176 | 15.221 | HH | 9704       | 243360 | 31.18% | 0.761% |
| 297 | 15.241 | 15.221 | 15.267 | HH | 9487       | 247633 | 31.73% | 0.774% |
| 298 | 15.307 | 15.267 | 15.355 | HH | 10876      | 516143 | 66.14% | 1.613% |
| 299 | 15.372 | 15.355 | 15.419 | HH | 9332       | 337474 | 43.24% | 1.055% |

|     |        |        |        |    | rteres.txt              |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
| 300 | 15.435 | 15.419 | 15.457 | HH | 8728                    | 193414   | 24.78% | 0.605% |
| 301 | 15.480 | 15.457 | 15.494 | HH | 8971                    | 192843   | 24.71% | 0.603% |
| 302 | 15.498 | 15.494 | 15.513 | HH | 8781                    | 98505    | 12.62% | 0.308% |
| 303 | 15.524 | 15.513 | 15.528 | HH | 8502                    | 75590    | 9.69%  | 0.236% |
| 304 | 15.556 | 15.528 | 15.585 | HH | 9389                    | 308054   | 39.47% | 0.963% |
| 305 | 15.613 | 15.585 | 15.635 | HH | 9125                    | 265992   | 34.08% | 0.831% |
| 306 | 15.654 | 15.635 | 15.665 | HH | 8817                    | 154048   | 19.74% | 0.482% |
| 307 | 15.675 | 15.665 | 15.691 | HH | 8858                    | 136628   | 17.51% | 0.427% |
| 308 | 15.729 | 15.691 | 15.773 | HH | 9699                    | 453387   | 58.10% | 1.417% |
| 309 | 15.796 | 15.773 | 15.806 | HH | 9339                    | 183665   | 23.53% | 0.574% |
| 310 | 15.849 | 15.806 | 15.874 | HH | 10439                   | 398584   | 51.07% | 1.246% |
| 311 | 15.887 | 15.874 | 15.895 | HH | 10141                   | 128904   | 16.52% | 0.403% |
| 312 | 15.899 | 15.895 | 15.909 | HH | 10030                   | 84438    | 10.82% | 0.264% |
| 313 | 15.932 | 15.909 | 15.956 | HH | 11117                   | 297751   | 38.15% | 0.931% |
| 314 | 15.961 | 15.956 | 15.979 | HH | 10537                   | 137704   | 17.65% | 0.430% |
| 315 | 15.986 | 15.979 | 15.993 | HH | 10123                   | 85946    | 11.01% | 0.269% |
| 316 | 15.997 | 15.993 | 16.007 | HH | 10254                   | 86284    | 11.06% | 0.270% |
| 317 | 16.032 | 16.007 | 16.055 | HH | 24346                   | 486838   | 62.38% | 1.522% |
| 318 | 16.064 | 16.055 | 16.121 | HH | 14843                   | 489409   | 62.71% | 1.530% |
| 319 | 16.127 | 16.121 | 16.146 | HH | 10391                   | 151872   | 19.46% | 0.475% |
| 320 | 16.170 | 16.146 | 16.198 | HH | 12633                   | 355739   | 45.58% | 1.112% |
| 321 | 16.205 | 16.198 | 16.210 | HH | 10951                   | 81545    | 10.45% | 0.255% |
| 322 | 16.214 | 16.210 | 16.230 | HH | 10897                   | 127971   | 16.40% | 0.400% |
| 323 | 16.238 | 16.230 | 16.242 | HH | 10540                   | 70966    | 9.09%  | 0.222% |
| 324 | 16.257 | 16.242 | 16.262 | HH | 10620                   | 127281   | 16.31% | 0.398% |
| 325 | 16.269 | 16.262 | 16.279 | HH | 10658                   | 105590   | 13.53% | 0.330% |
| 326 | 16.287 | 16.279 | 16.292 | HH | 10754                   | 83969    | 10.76% | 0.262% |
| 327 | 16.305 | 16.292 | 16.328 | HH | 11186                   | 237550   | 30.44% | 0.743% |
| 328 | 16.351 | 16.328 | 16.392 | HH | 20107                   | 543732   | 69.67% | 1.700% |
| 329 | 16.415 | 16.392 | 16.449 | HH | 22028                   | 548336   | 70.26% | 1.714% |
| 330 | 16.459 | 16.449 | 16.479 | HH | 12554                   | 211176   | 27.06% | 0.660% |
| 331 | 16.503 | 16.479 | 16.513 | HH | 13951                   | 268927   | 34.46% | 0.841% |
| 332 | 16.523 | 16.513 | 16.559 | HH | 13742                   | 355915   | 45.61% | 1.113% |
| 333 | 16.565 | 16.559 | 16.591 | HH | 12151                   | 228558   | 29.29% | 0.714% |
|     |        |        |        |    | Sum of corrected areas: | 31989494 |        |        |

FD010318.M Tue Jan 30 11:32:55 2018 RPT-1