

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF090718\  
 Data File : FF002047.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Sep 2018 23:36  
 Sample : J4825-14  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF083018.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         | 2.001       | 1.982        | 2.046      | PH       | 925            | 12698        | 0.14%          | 0.003%        |
| 2         | 2.049       | 2.046        | 2.060      | PH       | 28             | -67          | -0.00%         | -0.000%       |
| 3         | 2.062       | 2.060        | 2.069      | PH       | 11             | -186         | -0.00%         | -0.000%       |
| 4         | 2.073       | 2.069        | 2.114      | PH       | -11            | -2705        | -0.03%         | -0.001%       |
| 5         | 2.121       | 2.114        | 2.141      | PH       | -88            | -2526        | -0.03%         | -0.001%       |
| 6         | 2.148       | 2.141        | 2.154      | PH       | -159           | -1366        | -0.01%         | -0.000%       |
| 7         | 2.160       | 2.154        | 2.171      | PH       | -97            | -1644        | -0.02%         | -0.000%       |
| 8         | 2.176       | 2.171        | 2.194      | PH       | -98            | -2802        | -0.03%         | -0.001%       |
| 9         | 2.196       | 2.194        | 2.207      | PH       | -167           | -1526        | -0.02%         | -0.000%       |
| 10        | 2.211       | 2.207        | 2.232      | PH       | -141           | -2332        | -0.02%         | -0.001%       |
| 11        | 2.240       | 2.232        | 2.262      | PH       | -55            | -1834        | -0.02%         | -0.000%       |
| 12        | 2.277       | 2.262        | 2.314      | PH       | 70             | -2891        | -0.03%         | -0.001%       |
| 13        | 2.324       | 2.314        | 2.345      | PH       | 21             | -2326        | -0.02%         | -0.001%       |
| 14        | 2.350       | 2.345        | 2.354      | PH       | -155           | -1002        | -0.01%         | -0.000%       |
| 15        | 2.358       | 2.354        | 2.421      | PH       | -182           | -8754        | -0.09%         | -0.002%       |
| 16        | 2.435       | 2.421        | 2.445      | PH       | -197           | -3134        | -0.03%         | -0.001%       |
| 17        | 2.468       | 2.445        | 2.544      | PH       | -122           | -11882       | -0.13%         | -0.003%       |
| 18        | 2.574       | 2.544        | 2.631      | PH       | -65            | -7336        | -0.08%         | -0.002%       |
| 19        | 2.652       | 2.631        | 2.680      | PH       | -46            | -4199        | -0.04%         | -0.001%       |
| 20        | 2.719       | 2.680        | 2.739      | PH       | -60            | -4787        | -0.05%         | -0.001%       |
| 21        | 2.751       | 2.739        | 2.772      | PH       | -27            | -2700        | -0.03%         | -0.001%       |
| 22        | 2.827       | 2.772        | 2.896      | PH       | 263            | -5240        | -0.06%         | -0.001%       |
| 23        | 2.936       | 2.896        | 2.958      | PH       | -104           | -7257        | -0.08%         | -0.002%       |
| 24        | 3.017       | 2.958        | 3.094      | PH       | 939            | 829          | 0.01%          | 0.000%        |
| 25        | 3.121       | 3.094        | 3.132      | PH       | 234            | -985         | -0.01%         | -0.000%       |
| 26        | 3.147       | 3.132        | 3.167      | PH       | 219            | -339         | -0.00%         | -0.000%       |
| 27        | 3.180       | 3.167        | 3.192      | PH       | 74             | -161         | -0.00%         | -0.000%       |
| 28        | 3.206       | 3.192        | 3.222      | PH       | 70             | -835         | -0.01%         | -0.000%       |
| 29        | 3.235       | 3.222        | 3.248      | PH       | 20             | -1232        | -0.01%         | -0.000%       |
| 30        | 3.265       | 3.248        | 3.312      | PH       | 878            | 6048         | 0.06%          | 0.001%        |
| 31        | 3.334       | 3.312        | 3.357      | PH       | 515            | 4041         | 0.04%          | 0.001%        |
| 32        | 3.378       | 3.357        | 3.412      | HH       | 1337           | 20466        | 0.22%          | 0.005%        |
| 33        | 3.445       | 3.412        | 3.469      | PH       | 2167           | 26229        | 0.28%          | 0.006%        |
| 34        | 3.487       | 3.469        | 3.512      | HH       | 493            | 6296         | 0.07%          | 0.002%        |
| 35        | 3.529       | 3.512        | 3.552      | HH       | 1938           | 17757        | 0.19%          | 0.004%        |
| 36        | 3.605       | 3.552        | 3.629      | PH       | 1488           | 35288        | 0.38%          | 0.009%        |
| 37        | 3.683       | 3.629        | 3.709      | HH       | 1280           | 39964        | 0.43%          | 0.010%        |
| 38        | 3.723       | 3.709        | 3.739      | HH       | 1266           | 19112        | 0.20%          | 0.005%        |
| 39        | 3.753       | 3.739        | 3.779      | HH       | 1404           | 21890        | 0.23%          | 0.005%        |
| 40        | 3.793       | 3.779        | 3.804      | HH       | 850            | 9480         | 0.10%          | 0.002%        |
| 41        | 3.816       | 3.804        | 3.827      | HH       | 846            | 10225        | 0.11%          | 0.002%        |
| 42        | 3.864       | 3.827        | 3.884      | HH       | 1984           | 52903        | 0.56%          | 0.013%        |

|     |       |       |       |    |      |        |        |         |
|-----|-------|-------|-------|----|------|--------|--------|---------|
|     |       |       |       |    |      | rteres |        |         |
| 43  | 3.902 | 3.884 | 3.935 | HH | 1710 | 28519  | 0.30%  | 0.007%  |
| 44  | 3.970 | 3.935 | 3.992 | HH | 2501 | 37902  | 0.40%  | 0.009%  |
| 45  | 4.020 | 3.992 | 4.034 | HH | 1616 | 31548  | 0.34%  | 0.008%  |
| 46  | 4.073 | 4.034 | 4.104 | HH | 2529 | 66801  | 0.71%  | 0.016%  |
| 47  | 4.124 | 4.104 | 4.166 | HH | 2439 | 51777  | 0.55%  | 0.013%  |
| 48  | 4.250 | 4.166 | 4.298 | HH | 3989 | 152279 | 1.62%  | 0.037%  |
| 49  | 4.317 | 4.298 | 4.359 | HH | 4254 | 89915  | 0.96%  | 0.022%  |
| 50  | 4.383 | 4.359 | 4.402 | HH | 2540 | 53225  | 0.57%  | 0.013%  |
| 51  | 4.453 | 4.402 | 4.490 | HH | 2885 | 117777 | 1.25%  | 0.029%  |
| 52  | 4.519 | 4.490 | 4.557 | HH | 4567 | 98528  | 1.05%  | 0.024%  |
| 53  | 4.585 | 4.557 | 4.600 | HH | 1675 | 33801  | 0.36%  | 0.008%  |
| 54  | 4.615 | 4.600 | 4.625 | HH | 1703 | 21050  | 0.22%  | 0.005%  |
| 55  | 4.638 | 4.625 | 4.651 | HH | 2222 | 27266  | 0.29%  | 0.007%  |
| 56  | 4.673 | 4.651 | 4.690 | HH | 2688 | 47454  | 0.50%  | 0.012%  |
| 57  | 4.700 | 4.690 | 4.716 | HH | 1864 | 23667  | 0.25%  | 0.006%  |
| 58  | 4.762 | 4.716 | 4.792 | HH | 3371 | 105308 | 1.12%  | 0.026%  |
| 59  | 4.805 | 4.792 | 4.834 | HH | 2445 | 47245  | 0.50%  | 0.011%  |
| 60  | 4.861 | 4.834 | 4.874 | HH | 2227 | 37647  | 0.40%  | 0.009%  |
| 61  | 4.888 | 4.874 | 4.906 | HH | 1990 | 32694  | 0.35%  | 0.008%  |
| 62  | 4.916 | 4.906 | 4.926 | HH | 1708 | 19433  | 0.21%  | 0.005%  |
| 63  | 4.982 | 4.926 | 4.991 | HH | 2299 | 76625  | 0.81%  | 0.019%  |
| 64  | 5.000 | 4.991 | 5.020 | HH | 2283 | 34281  | 0.36%  | 0.008%  |
| 65  | 5.036 | 5.020 | 5.052 | HH | 1857 | 29166  | 0.31%  | 0.007%  |
| 66  | 5.061 | 5.052 | 5.079 | HH | 1352 | 18308  | 0.19%  | 0.004%  |
| 67  | 5.103 | 5.079 | 5.126 | HH | 6337 | 91697  | 0.98%  | 0.022%  |
| 68  | 5.132 | 5.126 | 5.154 | HH | 2116 | 31198  | 0.33%  | 0.008%  |
| 69  | 5.164 | 5.154 | 5.192 | HH | 1683 | 31952  | 0.34%  | 0.008%  |
| 70  | 5.212 | 5.192 | 5.226 | HH | 1462 | 24906  | 0.26%  | 0.006%  |
| 71  | 5.260 | 5.226 | 5.311 | HH | 3931 | 96181  | 1.02%  | 0.023%  |
| 72  | 5.318 | 5.311 | 5.331 | HH | 1411 | 16157  | 0.17%  | 0.004%  |
| 73  | 5.340 | 5.331 | 5.358 | HH | 1523 | 20269  | 0.22%  | 0.005%  |
| 74  | 5.380 | 5.358 | 5.422 | HH | 2039 | 55799  | 0.59%  | 0.014%  |
| 75  | 5.438 | 5.422 | 5.471 | HH | 1478 | 34858  | 0.37%  | 0.008%  |
| 76  | 5.477 | 5.471 | 5.487 | HH | 1104 | 10877  | 0.12%  | 0.003%  |
| 77  | 5.496 | 5.487 | 5.524 | HH | 1205 | 17675  | 0.19%  | 0.004%  |
| 78  | 5.545 | 5.524 | 5.572 | HH | 1146 | 24647  | 0.26%  | 0.006%  |
| 79  | 5.588 | 5.572 | 5.631 | HH | 1110 | 31005  | 0.33%  | 0.008%  |
| 80  | 5.643 | 5.631 | 5.662 | HH | 924  | 14910  | 0.16%  | 0.004%  |
| 81  | 5.717 | 5.662 | 5.749 | HH | 1334 | 52649  | 0.56%  | 0.013%  |
| 82  | 5.801 | 5.749 | 5.847 | HH | 1726 | 74288  | 0.79%  | 0.018%  |
| 83  | 5.873 | 5.847 | 5.896 | HH | 1017 | 23909  | 0.25%  | 0.006%  |
| 84  | 5.903 | 5.896 | 5.929 | HH | 719  | 13168  | 0.14%  | 0.003%  |
| 85  | 5.951 | 5.929 | 5.982 | HH | 956  | 23752  | 0.25%  | 0.006%  |
| 86  | 6.004 | 5.982 | 6.048 | HH | 872  | 27199  | 0.29%  | 0.007%  |
| 87  | 6.081 | 6.048 | 6.134 | HH | 1146 | 34175  | 0.36%  | 0.008%  |
| 88  | 6.145 | 6.134 | 6.174 | HH | 539  | 9646   | 0.10%  | 0.002%  |
| 89  | 6.221 | 6.174 | 6.265 | HH | 774  | 18235  | 0.19%  | 0.004%  |
| 90  | 6.283 | 6.265 | 6.302 | HH | 203  | 3105   | 0.03%  | 0.001%  |
| 91  | 6.312 | 6.302 | 6.332 | HH | 229  | 2198   | 0.02%  | 0.001%  |
| 92  | 6.359 | 6.332 | 6.427 | PH | 157  | 3066   | 0.03%  | 0.001%  |
| 93  | 6.449 | 6.427 | 6.489 | PH | 89   | 1291   | 0.01%  | 0.000%  |
| 94  | 6.509 | 6.489 | 6.526 | PH | 33   | -810   | -0.01% | -0.000% |
| 95  | 6.545 | 6.526 | 6.557 | PH | -0   | -1039  | -0.01% | -0.000% |
| 96  | 6.576 | 6.557 | 6.609 | PH | 70   | -149   | -0.00% | -0.000% |
| 97  | 6.627 | 6.609 | 6.662 | PH | 53   | 578    | 0.01%  | 0.000%  |
| 98  | 6.678 | 6.662 | 6.716 | PH | 117  | 329    | 0.00%  | 0.000%  |
| 99  | 6.728 | 6.716 | 6.739 | PH | -43  | -847   | -0.01% | -0.000% |
| 100 | 6.769 | 6.739 | 6.797 | PH | 430  | 7043   | 0.07%  | 0.002%  |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    |        | rteres  |        |         |
| 101 | 6.859  | 6.797  | 6.922  | HH | 620    | 24556   | 0.26%  | 0.006%  |
| 102 | 6.930  | 6.922  | 6.969  | HH | 280    | 6422    | 0.07%  | 0.002%  |
| 103 | 6.997  | 6.969  | 7.056  | HH | 461    | 12768   | 0.14%  | 0.003%  |
| 104 | 7.067  | 7.056  | 7.130  | HH | 166    | 2193    | 0.02%  | 0.001%  |
| 105 | 7.159  | 7.130  | 7.197  | PH | 93     | -315    | -0.00% | -0.000% |
| 106 | 7.213  | 7.197  | 7.235  | PH | -42    | -1523   | -0.02% | -0.000% |
| 107 | 7.260  | 7.235  | 7.289  | PH | 451    | 2633    | 0.03%  | 0.001%  |
| 108 | 7.314  | 7.289  | 7.323  | PH | -22    | -1486   | -0.02% | -0.000% |
| 109 | 7.348  | 7.323  | 7.359  | PH | -11    | -1400   | -0.01% | -0.000% |
| 110 | 7.377  | 7.359  | 7.386  | PH | -13    | -773    | -0.01% | -0.000% |
| 111 | 7.434  | 7.386  | 7.501  | PH | 438    | 6092    | 0.06%  | 0.001%  |
| 112 | 7.553  | 7.501  | 7.564  | PH | 166    | 1589    | 0.02%  | 0.000%  |
| 113 | 7.574  | 7.564  | 7.586  | HH | 208    | 2199    | 0.02%  | 0.001%  |
| 114 | 7.618  | 7.586  | 7.659  | HH | 382    | 12185   | 0.13%  | 0.003%  |
| 115 | 7.676  | 7.659  | 7.696  | HH | 430    | 7099    | 0.08%  | 0.002%  |
| 116 | 7.759  | 7.696  | 7.769  | HH | 650    | 20571   | 0.22%  | 0.005%  |
| 117 | 7.830  | 7.769  | 7.904  | HH | 4641   | 154154  | 1.64%  | 0.037%  |
| 118 | 7.928  | 7.904  | 8.184  | HH | 45868  | 1171145 | 12.46% | 0.285%  |
| 119 | 8.206  | 8.184  | 8.234  | HH | 1304   | 29141   | 0.31%  | 0.007%  |
| 120 | 8.259  | 8.234  | 8.329  | HH | 6137   | 161708  | 1.72%  | 0.039%  |
| 121 | 8.351  | 8.329  | 8.371  | HH | 1873   | 40830   | 0.43%  | 0.010%  |
| 122 | 8.388  | 8.371  | 8.432  | HH | 1862   | 53066   | 0.56%  | 0.013%  |
| 123 | 8.449  | 8.432  | 8.476  | HH | 1335   | 29271   | 0.31%  | 0.007%  |
| 124 | 8.506  | 8.476  | 8.531  | HH | 1707   | 48583   | 0.52%  | 0.012%  |
| 125 | 8.538  | 8.531  | 8.559  | HH | 1535   | 25556   | 0.27%  | 0.006%  |
| 126 | 8.582  | 8.559  | 8.611  | HH | 3367   | 73161   | 0.78%  | 0.018%  |
| 127 | 8.616  | 8.611  | 8.654  | HH | 1923   | 45237   | 0.48%  | 0.011%  |
| 128 | 8.677  | 8.654  | 8.707  | HH | 2864   | 67343   | 0.72%  | 0.016%  |
| 129 | 8.722  | 8.707  | 8.802  | HH | 1964   | 84492   | 0.90%  | 0.021%  |
| 130 | 8.825  | 8.802  | 8.850  | HH | 1927   | 43896   | 0.47%  | 0.011%  |
| 131 | 8.870  | 8.850  | 8.917  | HH | 1571   | 57675   | 0.61%  | 0.014%  |
| 132 | 8.961  | 8.917  | 9.017  | HH | 2161   | 99381   | 1.06%  | 0.024%  |
| 133 | 9.076  | 9.017  | 9.104  | HH | 4277   | 152420  | 1.62%  | 0.037%  |
| 134 | 9.116  | 9.104  | 9.155  | HH | 3714   | 96819   | 1.03%  | 0.024%  |
| 135 | 9.201  | 9.155  | 9.235  | HH | 3746   | 151952  | 1.62%  | 0.037%  |
| 136 | 9.251  | 9.235  | 9.267  | HH | 2937   | 54225   | 0.58%  | 0.013%  |
| 137 | 9.275  | 9.267  | 9.329  | HH | 2910   | 86335   | 0.92%  | 0.021%  |
| 138 | 9.397  | 9.329  | 9.429  | HH | 3260   | 152639  | 1.62%  | 0.037%  |
| 139 | 9.449  | 9.429  | 9.491  | HH | 3967   | 111585  | 1.19%  | 0.027%  |
| 140 | 9.525  | 9.491  | 9.539  | HH | 3009   | 82330   | 0.88%  | 0.020%  |
| 141 | 9.557  | 9.539  | 9.584  | HH | 3042   | 79133   | 0.84%  | 0.019%  |
| 142 | 9.615  | 9.584  | 9.652  | HH | 3087   | 118876  | 1.26%  | 0.029%  |
| 143 | 9.665  | 9.652  | 9.722  | HH | 2897   | 102623  | 1.09%  | 0.025%  |
| 144 | 9.753  | 9.722  | 9.764  | HH | 2252   | 55578   | 0.59%  | 0.014%  |
| 145 | 9.796  | 9.764  | 9.824  | HH | 3673   | 109393  | 1.16%  | 0.027%  |
| 146 | 9.836  | 9.824  | 9.867  | HH | 3270   | 79609   | 0.85%  | 0.019%  |
| 147 | 9.913  | 9.867  | 9.937  | HH | 4215   | 153988  | 1.64%  | 0.037%  |
| 148 | 9.978  | 9.937  | 10.017 | HH | 4873   | 213229  | 2.27%  | 0.052%  |
| 149 | 10.046 | 10.017 | 10.081 | HH | 5457   | 186379  | 1.98%  | 0.045%  |
| 150 | 10.109 | 10.081 | 10.142 | HH | 4919   | 171102  | 1.82%  | 0.042%  |
| 151 | 10.210 | 10.142 | 10.231 | HH | 7513   | 323597  | 3.44%  | 0.079%  |
| 152 | 10.262 | 10.231 | 10.337 | HH | 9535   | 474445  | 5.05%  | 0.115%  |
| 153 | 10.360 | 10.337 | 10.402 | HH | 6103   | 220690  | 2.35%  | 0.054%  |
| 154 | 10.436 | 10.402 | 10.514 | HH | 113551 | 2427765 | 25.82% | 0.590%  |
| 155 | 10.539 | 10.514 | 10.732 | HH | 20644  | 1390458 | 14.79% | 0.338%  |
| 156 | 10.752 | 10.732 | 10.767 | HH | 6627   | 138282  | 1.47%  | 0.034%  |
| 157 | 10.837 | 10.767 | 10.856 | HH | 10817  | 447442  | 4.76%  | 0.109%  |
| 158 | 10.876 | 10.856 | 10.912 | HH | 10277  | 318195  | 3.38%  | 0.077%  |
| 159 | 10.921 | 10.912 | 10.941 | HH | 8328   | 137806  | 1.47%  | 0.033%  |

|     |        |        |        |    |        |                  |        |        |
|-----|--------|--------|--------|----|--------|------------------|--------|--------|
| 160 | 10.974 | 10.941 | 11.021 | HH | 12093  | rteres<br>450872 | 4.80%  | 0.110% |
| 161 | 11.042 | 11.021 | 11.064 | HH | 9635   | 233606           | 2.48%  | 0.057% |
| 162 | 11.080 | 11.064 | 11.098 | HH | 9848   | 189456           | 2.01%  | 0.046% |
| 163 | 11.123 | 11.098 | 11.146 | HH | 9675   | 262370           | 2.79%  | 0.064% |
| 164 | 11.167 | 11.146 | 11.217 | HH | 9328   | 385619           | 4.10%  | 0.094% |
| 165 | 11.244 | 11.217 | 11.261 | HH | 26936  | 495744           | 5.27%  | 0.120% |
| 166 | 11.280 | 11.261 | 11.329 | HH | 29750  | 826921           | 8.79%  | 0.201% |
| 167 | 11.355 | 11.329 | 11.375 | HH | 29292  | 606858           | 6.45%  | 0.147% |
| 168 | 11.390 | 11.375 | 11.407 | HH | 25726  | 453266           | 4.82%  | 0.110% |
| 169 | 11.425 | 11.407 | 11.509 | HH | 26424  | 1053883          | 11.21% | 0.256% |
| 170 | 11.550 | 11.509 | 11.592 | HH | 13098  | 600352           | 6.39%  | 0.146% |
| 171 | 11.646 | 11.592 | 11.674 | HH | 17023  | 679271           | 7.22%  | 0.165% |
| 172 | 11.724 | 11.674 | 11.830 | HH | 22316  | 1549923          | 16.48% | 0.377% |
| 173 | 11.857 | 11.830 | 11.892 | HH | 15512  | 530696           | 5.64%  | 0.129% |
| 174 | 11.921 | 11.892 | 11.944 | HH | 14983  | 453191           | 4.82%  | 0.110% |
| 175 | 11.983 | 11.944 | 12.004 | HH | 17869  | 586145           | 6.23%  | 0.142% |
| 176 | 12.036 | 12.004 | 12.101 | HH | 19882  | 1014913          | 10.79% | 0.247% |
| 177 | 12.132 | 12.101 | 12.156 | HH | 42763  | 956193           | 10.17% | 0.232% |
| 178 | 12.174 | 12.156 | 12.184 | HH | 27612  | 461041           | 4.90%  | 0.112% |
| 179 | 12.194 | 12.184 | 12.220 | HH | 27767  | 534318           | 5.68%  | 0.130% |
| 180 | 12.246 | 12.220 | 12.338 | HH | 238953 | 4817008          | 51.23% | 1.171% |
| 181 | 12.361 | 12.338 | 12.389 | HH | 21343  | 627176           | 6.67%  | 0.152% |
| 182 | 12.414 | 12.389 | 12.427 | HH | 24314  | 508960           | 5.41%  | 0.124% |
| 183 | 12.444 | 12.427 | 12.514 | HH | 26819  | 1205127          | 12.82% | 0.293% |
| 184 | 12.540 | 12.514 | 12.593 | HH | 232629 | 4158971          | 44.23% | 1.011% |
| 185 | 12.609 | 12.593 | 12.632 | HH | 39299  | 801112           | 8.52%  | 0.195% |
| 186 | 12.650 | 12.632 | 12.721 | HH | 36364  | 1515463          | 16.12% | 0.368% |
| 187 | 12.744 | 12.721 | 12.777 | HH | 27706  | 846538           | 9.00%  | 0.206% |
| 188 | 12.849 | 12.777 | 12.871 | HH | 31190  | 1556299          | 16.55% | 0.378% |
| 189 | 12.881 | 12.871 | 12.919 | HH | 28785  | 766864           | 8.16%  | 0.186% |
| 190 | 12.968 | 12.919 | 12.990 | HH | 29944  | 1160490          | 12.34% | 0.282% |
| 191 | 13.019 | 12.990 | 13.089 | HH | 39824  | 1831630          | 19.48% | 0.445% |
| 192 | 13.154 | 13.089 | 13.191 | HH | 46503  | 2164156          | 23.02% | 0.526% |
| 193 | 13.205 | 13.191 | 13.241 | HH | 31252  | 896637           | 9.54%  | 0.218% |
| 194 | 13.260 | 13.241 | 13.273 | HH | 36126  | 639666           | 6.80%  | 0.155% |
| 195 | 13.294 | 13.273 | 13.359 | HH | 47004  | 1979750          | 21.06% | 0.481% |
| 196 | 13.386 | 13.359 | 13.397 | HH | 39317  | 835513           | 8.89%  | 0.203% |
| 197 | 13.416 | 13.397 | 13.440 | HH | 49078  | 1081336          | 11.50% | 0.263% |
| 198 | 13.461 | 13.440 | 13.555 | HH | 41970  | 2383982          | 25.36% | 0.579% |
| 199 | 13.615 | 13.555 | 13.659 | HH | 35516  | 2060833          | 21.92% | 0.501% |
| 200 | 13.672 | 13.659 | 13.707 | HH | 33327  | 916379           | 9.75%  | 0.223% |
| 201 | 13.746 | 13.707 | 13.771 | HH | 34216  | 1268527          | 13.49% | 0.308% |
| 202 | 13.808 | 13.771 | 13.824 | HH | 35765  | 1107265          | 11.78% | 0.269% |
| 203 | 13.854 | 13.824 | 13.902 | HH | 40921  | 1799769          | 19.14% | 0.437% |
| 204 | 13.939 | 13.902 | 13.961 | HH | 54762  | 1603919          | 17.06% | 0.390% |
| 205 | 13.973 | 13.961 | 14.009 | HH | 45883  | 1244725          | 13.24% | 0.302% |
| 206 | 14.023 | 14.009 | 14.042 | HH | 40395  | 771170           | 8.20%  | 0.187% |
| 207 | 14.070 | 14.042 | 14.087 | HH | 50577  | 1221277          | 12.99% | 0.297% |
| 208 | 14.115 | 14.087 | 14.167 | HH | 61813  | 2493792          | 26.52% | 0.606% |
| 209 | 14.191 | 14.167 | 14.227 | HH | 50921  | 1647453          | 17.52% | 0.400% |
| 210 | 14.279 | 14.227 | 14.386 | HH | 158199 | 5799519          | 61.68% | 1.409% |
| 211 | 14.430 | 14.386 | 14.453 | HH | 158925 | 3315564          | 35.26% | 0.806% |
| 212 | 14.473 | 14.453 | 14.554 | HH | 145109 | 4775651          | 50.79% | 1.161% |
| 213 | 14.592 | 14.554 | 14.636 | HH | 55158  | 2430993          | 25.86% | 0.591% |
| 214 | 14.649 | 14.636 | 14.664 | HH | 47036  | 790324           | 8.41%  | 0.192% |
| 215 | 14.674 | 14.664 | 14.699 | HH | 47291  | 969368           | 10.31% | 0.236% |
| 216 | 14.711 | 14.699 | 14.721 | HH | 45758  | 586203           | 6.23%  | 0.142% |
| 217 | 14.753 | 14.721 | 14.774 | HH | 49739  | 1548555          | 16.47% | 0.376% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    |        | rteres  |         |        |
| 218 | 14.796 | 14.774 | 14.839 | HH | 57625  | 2082033 | 22.14%  | 0.506% |
| 219 | 14.868 | 14.839 | 14.927 | HH | 75631  | 3022415 | 32.15%  | 0.735% |
| 220 | 14.936 | 14.927 | 14.947 | HH | 48365  | 573991  | 6.10%   | 0.139% |
| 221 | 15.002 | 14.947 | 15.034 | HH | 69158  | 2973561 | 31.63%  | 0.723% |
| 222 | 15.047 | 15.034 | 15.082 | HH | 58213  | 1572456 | 16.72%  | 0.382% |
| 223 | 15.113 | 15.082 | 15.139 | HH | 73959  | 2115050 | 22.49%  | 0.514% |
| 224 | 15.153 | 15.139 | 15.197 | HH | 59678  | 1989872 | 21.16%  | 0.484% |
| 225 | 15.212 | 15.197 | 15.229 | HH | 56002  | 1027987 | 10.93%  | 0.250% |
| 226 | 15.254 | 15.229 | 15.269 | HH | 61532  | 1408305 | 14.98%  | 0.342% |
| 227 | 15.283 | 15.269 | 15.354 | HH | 59440  | 2905844 | 30.91%  | 0.706% |
| 228 | 15.363 | 15.354 | 15.417 | HH | 55364  | 2033643 | 21.63%  | 0.494% |
| 229 | 15.443 | 15.417 | 15.472 | HH | 55109  | 1758239 | 18.70%  | 0.427% |
| 230 | 15.499 | 15.472 | 15.522 | HH | 70950  | 1839690 | 19.57%  | 0.447% |
| 231 | 15.536 | 15.522 | 15.547 | HH | 54143  | 808222  | 8.60%   | 0.196% |
| 232 | 15.562 | 15.547 | 15.578 | HH | 55407  | 1009102 | 10.73%  | 0.245% |
| 233 | 15.593 | 15.578 | 15.624 | HH | 56210  | 1521975 | 16.19%  | 0.370% |
| 234 | 15.663 | 15.624 | 15.688 | HH | 59726  | 2153299 | 22.90%  | 0.523% |
| 235 | 15.708 | 15.688 | 15.737 | HH | 57780  | 1678529 | 17.85%  | 0.408% |
| 236 | 15.809 | 15.737 | 15.847 | HH | 70414  | 4115166 | 43.77%  | 1.000% |
| 237 | 15.879 | 15.847 | 15.916 | HH | 70517  | 2668712 | 28.38%  | 0.649% |
| 238 | 15.931 | 15.916 | 15.955 | HH | 63318  | 1461949 | 15.55%  | 0.355% |
| 239 | 15.997 | 15.955 | 16.101 | HH | 186394 | 8400720 | 89.35%  | 2.042% |
| 240 | 16.141 | 16.101 | 16.229 | HH | 79434  | 5288460 | 56.25%  | 1.285% |
| 241 | 16.251 | 16.229 | 16.271 | HH | 75910  | 1739311 | 18.50%  | 0.423% |
| 242 | 16.318 | 16.271 | 16.360 | HH | 136942 | 4713893 | 50.14%  | 1.146% |
| 243 | 16.386 | 16.360 | 16.424 | HH | 149964 | 4055945 | 43.14%  | 0.986% |
| 244 | 16.444 | 16.424 | 16.466 | HH | 96721  | 2190197 | 23.29%  | 0.532% |
| 245 | 16.490 | 16.466 | 16.576 | HH | 103124 | 5211842 | 55.43%  | 1.267% |
| 246 | 16.649 | 16.576 | 16.696 | HH | 79851  | 5382761 | 57.25%  | 1.308% |
| 247 | 16.708 | 16.696 | 16.717 | HH | 71793  | 907766  | 9.65%   | 0.221% |
| 248 | 16.739 | 16.717 | 16.756 | HH | 79084  | 1744885 | 18.56%  | 0.424% |
| 249 | 16.781 | 16.756 | 16.788 | HH | 78285  | 1514951 | 16.11%  | 0.368% |
| 250 | 16.817 | 16.788 | 16.858 | HH | 86519  | 3252084 | 34.59%  | 0.790% |
| 251 | 16.895 | 16.858 | 16.956 | HH | 100344 | 4735228 | 50.36%  | 1.151% |
| 252 | 16.989 | 16.956 | 17.011 | HH | 77337  | 2480081 | 26.38%  | 0.603% |
| 253 | 17.052 | 17.011 | 17.099 | HH | 79158  | 4030586 | 42.87%  | 0.980% |
| 254 | 17.102 | 17.099 | 17.128 | HH | 75019  | 1274493 | 13.56%  | 0.310% |
| 255 | 17.145 | 17.128 | 17.169 | HH | 74240  | 1781605 | 18.95%  | 0.433% |
| 256 | 17.199 | 17.169 | 17.222 | HH | 75857  | 2369172 | 25.20%  | 0.576% |
| 257 | 17.235 | 17.222 | 17.249 | HH | 74579  | 1180127 | 12.55%  | 0.287% |
| 258 | 17.274 | 17.249 | 17.306 | HH | 77874  | 2601737 | 27.67%  | 0.632% |
| 259 | 17.332 | 17.306 | 17.357 | HH | 95751  | 2590873 | 27.56%  | 0.630% |
| 260 | 17.383 | 17.357 | 17.399 | HH | 78036  | 1896213 | 20.17%  | 0.461% |
| 261 | 17.437 | 17.399 | 17.513 | HH | 87455  | 5636973 | 59.95%  | 1.370% |
| 262 | 17.535 | 17.513 | 17.579 | HH | 81341  | 3129791 | 33.29%  | 0.761% |
| 263 | 17.613 | 17.579 | 17.653 | HH | 85001  | 3637215 | 38.68%  | 0.884% |
| 264 | 17.690 | 17.653 | 17.729 | HH | 104344 | 4222244 | 44.91%  | 1.026% |
| 265 | 17.777 | 17.729 | 17.889 | HH | 134539 | 9402379 | 100.00% | 2.285% |
| 266 | 17.913 | 17.889 | 17.932 | HH | 92425  | 2236904 | 23.79%  | 0.544% |
| 267 | 17.947 | 17.932 | 17.979 | HH | 90235  | 2419290 | 25.73%  | 0.588% |
| 268 | 18.027 | 17.979 | 18.089 | HH | 129300 | 6168301 | 65.60%  | 1.499% |
| 269 | 18.114 | 18.089 | 18.124 | HH | 82003  | 1700172 | 18.08%  | 0.413% |
| 270 | 18.161 | 18.124 | 18.178 | HH | 97338  | 2908431 | 30.93%  | 0.707% |
| 271 | 18.190 | 18.178 | 18.241 | HH | 94131  | 3331203 | 35.43%  | 0.810% |
| 272 | 18.265 | 18.241 | 18.302 | HH | 89825  | 3128780 | 33.28%  | 0.760% |
| 273 | 18.318 | 18.302 | 18.339 | HH | 83640  | 1793363 | 19.07%  | 0.436% |
| 274 | 18.364 | 18.339 | 18.386 | HH | 80597  | 2231293 | 23.73%  | 0.542% |
| 275 | 18.409 | 18.386 | 18.419 | HH | 80909  | 1596388 | 16.98%  | 0.388% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    |                         | rteres    |        |        |
| 276 | 18.436 | 18.419 | 18.454 | HH | 80680                   | 1681322   | 17.88% | 0.409% |
| 277 | 18.504 | 18.454 | 18.535 | HH | 99782                   | 4356680   | 46.34% | 1.059% |
| 278 | 18.557 | 18.535 | 18.599 | HH | 102691                  | 3535999   | 37.61% | 0.859% |
| 279 | 18.630 | 18.599 | 18.642 | HH | 83481                   | 2153168   | 22.90% | 0.523% |
| 280 | 18.654 | 18.642 | 18.671 | HH | 83732                   | 1405599   | 14.95% | 0.342% |
| 281 | 18.709 | 18.671 | 18.722 | HH | 83829                   | 2530306   | 26.91% | 0.615% |
| 282 | 18.755 | 18.722 | 18.802 | HH | 89029                   | 4088660   | 43.49% | 0.994% |
| 283 | 18.844 | 18.802 | 18.864 | HH | 82397                   | 3005520   | 31.97% | 0.730% |
| 284 | 18.874 | 18.864 | 18.894 | HH | 81233                   | 1463195   | 15.56% | 0.356% |
| 285 | 18.940 | 18.894 | 18.975 | HH | 90444                   | 4142472   | 44.06% | 1.007% |
| 286 | 18.990 | 18.975 | 19.012 | HH | 84909                   | 1855608   | 19.74% | 0.451% |
| 287 | 19.051 | 19.012 | 19.084 | HH | 88406                   | 3652572   | 38.85% | 0.888% |
| 288 | 19.119 | 19.084 | 19.144 | HH | 83639                   | 2965473   | 31.54% | 0.721% |
| 289 | 19.208 | 19.144 | 19.245 | HH | 105431                  | 5560728   | 59.14% | 1.351% |
| 290 | 19.281 | 19.245 | 19.394 | HH | 104416                  | 8444758   | 89.82% | 2.052% |
| 291 | 19.411 | 19.394 | 19.421 | HH | 89528                   | 1424107   | 15.15% | 0.346% |
| 292 | 19.428 | 19.421 | 19.477 | HH | 89581                   | 2949853   | 31.37% | 0.717% |
| 293 | 19.503 | 19.477 | 19.529 | HH | 91115                   | 2726513   | 29.00% | 0.663% |
| 294 | 19.551 | 19.529 | 19.569 | HH | 93154                   | 2181400   | 23.20% | 0.530% |
| 295 | 19.602 | 19.569 | 19.656 | HH | 110375                  | 5119480   | 54.45% | 1.244% |
| 296 | 19.685 | 19.656 | 19.706 | HH | 99529                   | 2850806   | 30.32% | 0.693% |
| 297 | 19.729 | 19.706 | 19.765 | HH | 95013                   | 3301842   | 35.12% | 0.802% |
| 298 | 19.831 | 19.765 | 19.877 | HH | 112430                  | 6466045   | 68.77% | 1.571% |
| 299 | 19.917 | 19.877 | 19.928 | HH | 91743                   | 2746839   | 29.21% | 0.668% |
| 300 | 19.945 | 19.928 | 19.966 | HH | 92001                   | 2099001   | 22.32% | 0.510% |
| 301 | 19.979 | 19.966 | 19.994 | HH | 92557                   | 1526152   | 16.23% | 0.371% |
| 302 | 20.006 | 19.994 | 20.016 | HH | 93282                   | 1205198   | 12.82% | 0.293% |
| 303 | 20.039 | 20.016 | 20.072 | HH | 96358                   | 3232425   | 34.38% | 0.786% |
| 304 | 20.081 | 20.072 | 20.107 | HH | 94139                   | 1966535   | 20.92% | 0.478% |
| 305 | 20.143 | 20.107 | 20.174 | HH | 95823                   | 3796126   | 40.37% | 0.923% |
| 306 | 20.200 | 20.174 | 20.207 | HH | 96631                   | 1917030   | 20.39% | 0.466% |
| 307 | 20.216 | 20.207 | 20.232 | HH | 96174                   | 1426185   | 15.17% | 0.347% |
| 308 | 20.287 | 20.232 | 20.299 | HH | 99389                   | 3908532   | 41.57% | 0.950% |
| 309 | 20.314 | 20.299 | 20.332 | HH | 99954                   | 1982794   | 21.09% | 0.482% |
| 310 | 20.381 | 20.332 | 20.449 | HH | 104123                  | 7035720   | 74.83% | 1.710% |
| 311 | 20.457 | 20.449 | 20.476 | HH | 99864                   | 1580751   | 16.81% | 0.384% |
| 312 | 20.491 | 20.476 | 20.532 | HH | 99098                   | 3345057   | 35.58% | 0.813% |
| 313 | 20.553 | 20.532 | 20.571 | HH | 98511                   | 2252871   | 23.96% | 0.547% |
| 314 | 20.637 | 20.571 | 20.662 | HH | 101542                  | 5423400   | 57.68% | 1.318% |
| 315 | 20.669 | 20.662 | 20.696 | HH | 100171                  | 2027999   | 21.57% | 0.493% |
| 316 | 20.702 | 20.696 | 20.717 | HH | 98054                   | 1227468   | 13.05% | 0.298% |
| 317 | 20.752 | 20.717 | 20.784 | HH | 99940                   | 3984563   | 42.38% | 0.968% |
| 318 | 20.787 | 20.784 | 20.851 | HH | 98813                   | 3871576   | 41.18% | 0.941% |
| 319 | 20.867 | 20.851 | 20.917 | HH | 97208                   | 3847587   | 40.92% | 0.935% |
| 320 | 20.942 | 20.917 | 20.954 | HH | 96769                   | 2117593   | 22.52% | 0.515% |
| 321 | 21.005 | 20.954 | 21.062 | HH | 102352                  | 6386558   | 67.92% | 1.552% |
| 322 | 21.075 | 21.062 | 21.093 | HH | 94431                   | 1710512   | 18.19% | 0.416% |
| 323 | 21.101 | 21.093 | 21.129 | HH | 93542                   | 2018770   | 21.47% | 0.491% |
| 324 | 21.162 | 21.129 | 21.243 | HH | 94847                   | 6336789   | 67.40% | 1.540% |
|     |        |        |        |    | Sum of corrected areas: | 411486088 |        |        |

FF083018.M Fri Sep 14 09:37:47 2018