

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG032519\  
 Data File : FG004349.D  
 Signal(s) : FID1A.ch  
 Acq On : 25 Mar 2019 14:22  
 Sample : K2040-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030419.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         | 2.042       | 2.005        | 2.075      | BH       | 13             | -697         | -0.01%         | -0.001%       |
| 2         | 2.083       | 2.075        | 2.150      | PH       | 40             | -1402        | -0.02%         | -0.002%       |
| 3         | 2.208       | 2.150        | 2.238      | PH       | -10            | -3161        | -0.04%         | -0.004%       |
| 4         | 2.252       | 2.238        | 2.288      | PH       | 2              | -1237        | -0.02%         | -0.002%       |
| 5         | 2.347       | 2.288        | 2.405      | PH       | 403            | -635         | -0.01%         | -0.001%       |
| 6         | 2.436       | 2.405        | 2.445      | PH       | -52            | -2487        | -0.04%         | -0.003%       |
| 7         | 2.504       | 2.445        | 2.538      | PH       | -10            | -3712        | -0.05%         | -0.005%       |
| 8         | 2.601       | 2.538        | 2.640      | PH       | -12            | -3305        | -0.05%         | -0.004%       |
| 9         | 2.650       | 2.640        | 2.661      | PH       | -23            | -484         | -0.01%         | -0.001%       |
| 10        | 2.674       | 2.661        | 2.694      | PH       | 84             | -870         | -0.01%         | -0.001%       |
| 11        | 2.711       | 2.694        | 2.738      | PH       | -26            | -1500        | -0.02%         | -0.002%       |
| 12        | 2.795       | 2.738        | 2.861      | PH       | -10            | -4058        | -0.06%         | -0.005%       |
| 13        | 2.871       | 2.861        | 2.906      | PH       | -16            | -1849        | -0.03%         | -0.002%       |
| 14        | 2.921       | 2.906        | 3.052      | PH       | -56            | -11654       | -0.16%         | -0.014%       |
| 15        | 3.070       | 3.052        | 3.118      | PH       | -91            | -7040        | -0.10%         | -0.009%       |
| 16        | 3.128       | 3.118        | 3.158      | PH       | -150           | -4709        | -0.07%         | -0.006%       |
| 17        | 3.191       | 3.158        | 3.203      | PH       | -186           | -6156        | -0.09%         | -0.008%       |
| 18        | 3.213       | 3.203        | 3.227      | PH       | -229           | -3743        | -0.05%         | -0.005%       |
| 19        | 3.245       | 3.227        | 3.266      | PH       | -242           | -6180        | -0.09%         | -0.008%       |
| 20        | 3.281       | 3.266        | 3.352      | PH       | -148           | -13546       | -0.19%         | -0.017%       |
| 21        | 3.384       | 3.352        | 3.398      | PH       | -259           | -8352        | -0.12%         | -0.010%       |
| 22        | 3.414       | 3.398        | 3.432      | PH       | -256           | -6105        | -0.09%         | -0.007%       |
| 23        | 3.467       | 3.432        | 3.478      | PH       | -283           | -9022        | -0.13%         | -0.011%       |
| 24        | 3.505       | 3.478        | 3.541      | PH       | -288           | -12212       | -0.17%         | -0.015%       |
| 25        | 3.548       | 3.541        | 3.555      | PH       | -340           | -2986        | -0.04%         | -0.004%       |
| 26        | 3.572       | 3.555        | 3.581      | PH       | -317           | -5415        | -0.08%         | -0.007%       |
| 27        | 3.585       | 3.581        | 3.620      | PH       | -290           | -8107        | -0.11%         | -0.010%       |
| 28        | 3.630       | 3.620        | 3.657      | PH       | -279           | -7348        | -0.10%         | -0.009%       |
| 29        | 3.669       | 3.657        | 3.681      | PH       | -267           | -4951        | -0.07%         | -0.006%       |
| 30        | 3.690       | 3.681        | 3.721      | PH       | -297           | -8222        | -0.12%         | -0.010%       |
| 31        | 3.841       | 3.721        | 4.014      | PH       | 709            | 36589        | 0.52%          | 0.045%        |
| 32        | 4.023       | 4.014        | 4.035      | HH       | 243            | 2694         | 0.04%          | 0.003%        |
| 33        | 4.040       | 4.035        | 4.056      | HH       | 257            | 2787         | 0.04%          | 0.003%        |
| 34        | 4.061       | 4.056        | 4.073      | HH       | 248            | 1800         | 0.03%          | 0.002%        |
| 35        | 4.089       | 4.073        | 4.100      | HH       | 193            | 2653         | 0.04%          | 0.003%        |
| 36        | 4.117       | 4.100        | 4.141      | HH       | 201            | 4179         | 0.06%          | 0.005%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 4.159 | 4.141 | 4.231 | HH | 279    | 6999   | 0.10%  | 0.009%  |
| 38 | 4.259 | 4.231 | 4.297 | HH | 127    | 1798   | 0.03%  | 0.002%  |
| 39 | 4.316 | 4.297 | 4.401 | PH | 152    | 3328   | 0.05%  | 0.004%  |
| 40 | 4.417 | 4.401 | 4.469 | HH | 84     | 220    | 0.00%  | 0.000%  |
| 41 | 4.481 | 4.469 | 4.533 | PH | -5     | -4097  | -0.06% | -0.005% |
| 42 | 4.558 | 4.533 | 4.572 | PH | -118   | -3860  | -0.05% | -0.005% |
| 43 | 4.580 | 4.572 | 4.674 | PH | -129   | -14789 | -0.21% | -0.018% |
| 44 | 4.687 | 4.674 | 4.719 | PH | -260   | -8469  | -0.12% | -0.010% |
| 45 | 4.757 | 4.719 | 4.856 | PH | -229   | -29977 | -0.42% | -0.037% |
| 46 | 4.870 | 4.856 | 4.881 | PH | -362   | -6269  | -0.09% | -0.008% |
| 47 | 4.890 | 4.881 | 4.902 | PH | -346   | -5304  | -0.07% | -0.006% |
| 48 | 4.912 | 4.902 | 4.935 | PH | -431   | -9098  | -0.13% | -0.011% |
| 49 | 4.947 | 4.935 | 4.967 | PH | -419   | -9022  | -0.13% | -0.011% |
| 50 | 4.978 | 4.967 | 5.001 | PH | -376   | -9199  | -0.13% | -0.011% |
| 51 | 5.019 | 5.001 | 5.028 | PH | -448   | -7650  | -0.11% | -0.009% |
| 52 | 5.036 | 5.028 | 5.072 | PH | -400   | -12393 | -0.18% | -0.015% |
| 53 | 5.081 | 5.072 | 5.140 | PH | -480   | -20605 | -0.29% | -0.025% |
| 54 | 5.151 | 5.140 | 5.159 | PH | -495   | -6164  | -0.09% | -0.008% |
| 55 | 5.194 | 5.159 | 5.230 | PH | -445   | -21971 | -0.31% | -0.027% |
| 56 | 5.283 | 5.230 | 5.348 | PH | -401   | -36609 | -0.52% | -0.045% |
| 57 | 5.352 | 5.348 | 5.367 | PH | -469   | -5657  | -0.08% | -0.007% |
| 58 | 5.385 | 5.367 | 5.404 | PH | -454   | -11131 | -0.16% | -0.014% |
| 59 | 5.414 | 5.404 | 5.430 | PH | -512   | -8241  | -0.12% | -0.010% |
| 60 | 5.458 | 5.430 | 5.575 | PH | -488   | -50436 | -0.71% | -0.062% |
| 61 | 5.583 | 5.575 | 5.626 | PH | -603   | -19358 | -0.27% | -0.024% |
| 62 | 5.646 | 5.626 | 5.701 | PH | -606   | -29454 | -0.42% | -0.036% |
| 63 | 5.714 | 5.701 | 5.725 | PH | -637   | -9208  | -0.13% | -0.011% |
| 64 | 5.742 | 5.725 | 5.772 | PH | -538   | -17419 | -0.25% | -0.021% |
| 65 | 5.842 | 5.772 | 5.867 | PH | -560   | -34951 | -0.49% | -0.043% |
| 66 | 5.902 | 5.867 | 6.008 | PH | -403   | -49388 | -0.70% | -0.060% |
| 67 | 6.015 | 6.008 | 6.024 | PH | -621   | -6384  | -0.09% | -0.008% |
| 68 | 6.071 | 6.024 | 6.115 | PH | -529   | -33212 | -0.47% | -0.041% |
| 69 | 6.138 | 6.115 | 6.156 | PH | -552   | -15574 | -0.22% | -0.019% |
| 70 | 6.187 | 6.156 | 6.238 | PH | -418   | -28293 | -0.40% | -0.035% |
| 71 | 6.245 | 6.238 | 6.296 | PH | -670   | -24494 | -0.35% | -0.030% |
| 72 | 6.333 | 6.296 | 6.386 | PH | -624   | -37667 | -0.53% | -0.046% |
| 73 | 6.403 | 6.386 | 6.434 | PH | -645   | -20701 | -0.29% | -0.025% |
| 74 | 6.452 | 6.434 | 6.513 | PH | -626   | -34043 | -0.48% | -0.042% |
| 75 | 6.523 | 6.513 | 6.544 | PH | -726   | -14482 | -0.20% | -0.018% |
| 76 | 6.555 | 6.544 | 6.623 | PH | -770   | -36485 | -0.52% | -0.045% |
| 77 | 6.707 | 6.623 | 6.728 | PH | -701   | -47986 | -0.68% | -0.059% |
| 78 | 6.733 | 6.728 | 6.767 | PH | -707   | -17447 | -0.25% | -0.021% |
| 79 | 6.795 | 6.767 | 6.808 | PH | -690   | -17460 | -0.25% | -0.021% |
| 80 | 6.842 | 6.808 | 6.857 | PH | -657   | -20950 | -0.30% | -0.026% |
| 81 | 6.875 | 6.857 | 6.909 | PH | -564   | -20605 | -0.29% | -0.025% |
| 82 | 6.918 | 6.909 | 6.955 | PH | -683   | -20218 | -0.29% | -0.025% |
| 83 | 7.007 | 6.955 | 7.031 | PH | -663   | -32608 | -0.46% | -0.040% |
| 84 | 7.040 | 7.031 | 7.061 | PH | -713   | -13282 | -0.19% | -0.016% |
| 85 | 7.104 | 7.061 | 7.208 | PH | -398   | -64349 | -0.91% | -0.079% |
| 86 | 7.219 | 7.208 | 7.245 | PH | -781   | -18144 | -0.26% | -0.022% |
| 87 | 7.255 | 7.245 | 7.268 | PH | -733   | -11625 | -0.16% | -0.014% |
| 88 | 7.288 | 7.268 | 7.304 | PH | -773   | -17769 | -0.25% | -0.022% |
| 89 | 7.330 | 7.304 | 7.347 | PH | -811   | -21420 | -0.30% | -0.026% |

|     |        |        |        |    |        |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
|     |        |        |        |    | rteres |        |        |         |
| 90  | 7.375  | 7.347  | 7.402  | PH | -687   | -26088 | -0.37% | -0.032% |
| 91  | 7.414  | 7.402  | 7.488  | PH | -788   | -43317 | -0.61% | -0.053% |
| 92  | 7.548  | 7.488  | 7.605  | PH | -530   | -51104 | -0.72% | -0.062% |
| 93  | 7.626  | 7.605  | 7.654  | PH | -719   | -23237 | -0.33% | -0.028% |
| 94  | 7.674  | 7.654  | 7.703  | PH | -770   | -23833 | -0.34% | -0.029% |
| 95  | 7.719  | 7.703  | 7.766  | PH | -747   | -29896 | -0.42% | -0.037% |
| 96  | 7.791  | 7.766  | 7.833  | PH | -738   | -32115 | -0.45% | -0.039% |
| 97  | 7.880  | 7.833  | 7.895  | PH | -545   | -25459 | -0.36% | -0.031% |
| 98  | 7.941  | 7.895  | 7.958  | PH | -240   | -21419 | -0.30% | -0.026% |
| 99  | 7.974  | 7.958  | 8.011  | PH | -110   | -15320 | -0.22% | -0.019% |
| 100 | 8.039  | 8.011  | 8.250  | PH | 8033   | 85870  | 1.21%  | 0.105%  |
| 101 | 8.265  | 8.250  | 8.285  | PH | -689   | -15246 | -0.22% | -0.019% |
| 102 | 8.320  | 8.285  | 8.370  | PH | -503   | -34451 | -0.49% | -0.042% |
| 103 | 8.400  | 8.370  | 8.415  | PH | -478   | -16140 | -0.23% | -0.020% |
| 104 | 8.462  | 8.415  | 8.495  | PH | -405   | -24045 | -0.34% | -0.029% |
| 105 | 8.506  | 8.495  | 8.549  | PH | -414   | -19233 | -0.27% | -0.024% |
| 106 | 8.586  | 8.549  | 8.644  | PH | -488   | -36073 | -0.51% | -0.044% |
| 107 | 8.655  | 8.644  | 8.680  | PH | -607   | -14344 | -0.20% | -0.018% |
| 108 | 8.710  | 8.680  | 8.746  | PH | -263   | -18657 | -0.26% | -0.023% |
| 109 | 8.798  | 8.746  | 8.855  | PH | 230    | -21155 | -0.30% | -0.026% |
| 110 | 8.877  | 8.855  | 8.925  | PH | -346   | -17474 | -0.25% | -0.021% |
| 111 | 8.933  | 8.925  | 8.958  | PH | -370   | -8560  | -0.12% | -0.010% |
| 112 | 8.982  | 8.958  | 9.005  | PH | -322   | -12280 | -0.17% | -0.015% |
| 113 | 9.019  | 9.005  | 9.029  | PH | -440   | -6685  | -0.09% | -0.008% |
| 114 | 9.070  | 9.029  | 9.130  | PH | -421   | -31227 | -0.44% | -0.038% |
| 115 | 9.175  | 9.130  | 9.196  | PH | 59     | -9269  | -0.13% | -0.011% |
| 116 | 9.214  | 9.196  | 9.245  | PH | -68    | -5393  | -0.08% | -0.007% |
| 117 | 9.256  | 9.245  | 9.270  | PH | -252   | -4289  | -0.06% | -0.005% |
| 118 | 9.304  | 9.270  | 9.338  | PH | -88    | -10000 | -0.14% | -0.012% |
| 119 | 9.353  | 9.338  | 9.381  | PH | -209   | -8304  | -0.12% | -0.010% |
| 120 | 9.402  | 9.381  | 9.431  | PH | 24     | -7135  | -0.10% | -0.009% |
| 121 | 9.449  | 9.431  | 9.470  | PH | -366   | -9703  | -0.14% | -0.012% |
| 122 | 9.494  | 9.470  | 9.546  | PH | -68    | -11690 | -0.17% | -0.014% |
| 123 | 9.575  | 9.546  | 9.614  | PH | 944    | 345    | 0.00%  | 0.000%  |
| 124 | 9.650  | 9.614  | 9.701  | PH | -246   | -17152 | -0.24% | -0.021% |
| 125 | 9.732  | 9.701  | 9.821  | PH | -259   | -27531 | -0.39% | -0.034% |
| 126 | 9.827  | 9.821  | 9.838  | PH | -397   | -3921  | -0.06% | -0.005% |
| 127 | 9.844  | 9.838  | 9.858  | PH | -397   | -4962  | -0.07% | -0.006% |
| 128 | 9.891  | 9.858  | 9.906  | PH | -153   | -9361  | -0.13% | -0.011% |
| 129 | 9.922  | 9.906  | 9.930  | PH | -166   | -3028  | -0.04% | -0.004% |
| 130 | 9.960  | 9.930  | 10.005 | PH | 191    | -2554  | -0.04% | -0.003% |
| 131 | 10.012 | 10.005 | 10.040 | PH | -130   | -3698  | -0.05% | -0.005% |
| 132 | 10.052 | 10.040 | 10.068 | PH | -32    | -2218  | -0.03% | -0.003% |
| 133 | 10.079 | 10.068 | 10.095 | PH | -34    | -1898  | -0.03% | -0.002% |
| 134 | 10.107 | 10.095 | 10.143 | PH | -91    | -5930  | -0.08% | -0.007% |
| 135 | 10.156 | 10.143 | 10.165 | PH | -294   | -4553  | -0.06% | -0.006% |
| 136 | 10.192 | 10.165 | 10.212 | PH | 524    | 1843   | 0.03%  | 0.002%  |
| 137 | 10.235 | 10.212 | 10.256 | PH | 106    | -12    | -0.00% | -0.000% |
| 138 | 10.272 | 10.256 | 10.282 | PH | 64     | -120   | -0.00% | -0.000% |
| 139 | 10.313 | 10.282 | 10.346 | PH | 1143   | 11163  | 0.16%  | 0.014%  |
| 140 | 10.384 | 10.346 | 10.410 | PH | 339    | 5473   | 0.08%  | 0.007%  |
| 141 | 10.431 | 10.410 | 10.473 | HH | 233    | 872    | 0.01%  | 0.001%  |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 142 | 10.530 | 10.473 | 10.558 | PH | 219    | -748   | -0.01% | -0.001% |
| 143 | 10.568 | 10.558 | 10.586 | PH | -17    | -1745  | -0.02% | -0.002% |
| 144 | 10.617 | 10.586 | 10.675 | PH | 1314   | 39123  | 0.55%  | 0.048%  |
| 145 | 10.694 | 10.675 | 10.722 | HH | 702    | 15824  | 0.22%  | 0.019%  |
| 146 | 10.730 | 10.722 | 10.745 | HH | 397    | 4438   | 0.06%  | 0.005%  |
| 147 | 10.769 | 10.745 | 10.801 | HH | 459    | 10510  | 0.15%  | 0.013%  |
| 148 | 10.822 | 10.801 | 10.861 | HH | 366    | 6194   | 0.09%  | 0.008%  |
| 149 | 10.879 | 10.861 | 10.901 | HH | 149    | 2202   | 0.03%  | 0.003%  |
| 150 | 10.909 | 10.901 | 10.925 | HH | 187    | 1443   | 0.02%  | 0.002%  |
| 151 | 10.951 | 10.925 | 10.974 | HH | 543    | 8867   | 0.13%  | 0.011%  |
| 152 | 11.016 | 10.974 | 11.075 | HH | 1834   | 37015  | 0.52%  | 0.045%  |
| 153 | 11.097 | 11.075 | 11.140 | HH | 1264   | 28139  | 0.40%  | 0.034%  |
| 154 | 11.168 | 11.140 | 11.185 | HH | 606    | 11750  | 0.17%  | 0.014%  |
| 155 | 11.206 | 11.185 | 11.241 | HH | 587    | 14310  | 0.20%  | 0.017%  |
| 156 | 11.257 | 11.241 | 11.274 | HH | 469    | 7289   | 0.10%  | 0.009%  |
| 157 | 11.313 | 11.274 | 11.375 | HH | 1173   | 47131  | 0.67%  | 0.058%  |
| 158 | 11.403 | 11.375 | 11.418 | HH | 869    | 20415  | 0.29%  | 0.025%  |
| 159 | 11.446 | 11.418 | 11.551 | HH | 3980   | 138820 | 1.96%  | 0.170%  |
| 160 | 11.569 | 11.551 | 11.596 | HH | 876    | 19749  | 0.28%  | 0.024%  |
| 161 | 11.618 | 11.596 | 11.638 | HH | 889    | 19072  | 0.27%  | 0.023%  |
| 162 | 11.686 | 11.638 | 11.696 | HH | 1890   | 43446  | 0.61%  | 0.053%  |
| 163 | 11.710 | 11.696 | 11.735 | HH | 2301   | 38865  | 0.55%  | 0.048%  |
| 164 | 11.766 | 11.735 | 11.784 | HH | 1752   | 42109  | 0.59%  | 0.051%  |
| 165 | 11.800 | 11.784 | 11.855 | HH | 1837   | 62347  | 0.88%  | 0.076%  |
| 166 | 11.876 | 11.855 | 11.899 | HH | 1635   | 33563  | 0.47%  | 0.041%  |
| 167 | 11.913 | 11.899 | 11.923 | HH | 1178   | 16330  | 0.23%  | 0.020%  |
| 168 | 11.949 | 11.923 | 12.049 | HH | 32068  | 598886 | 8.46%  | 0.732%  |
| 169 | 12.066 | 12.049 | 12.121 | HH | 2342   | 90404  | 1.28%  | 0.111%  |
| 170 | 12.145 | 12.121 | 12.179 | HH | 1976   | 60549  | 0.86%  | 0.074%  |
| 171 | 12.187 | 12.179 | 12.211 | HH | 1472   | 27375  | 0.39%  | 0.033%  |
| 172 | 12.230 | 12.211 | 12.244 | HH | 1650   | 31024  | 0.44%  | 0.038%  |
| 173 | 12.266 | 12.244 | 12.297 | HH | 1794   | 49292  | 0.70%  | 0.060%  |
| 174 | 12.326 | 12.297 | 12.365 | HH | 3022   | 78944  | 1.12%  | 0.097%  |
| 175 | 12.389 | 12.365 | 12.512 | HH | 2466   | 138008 | 1.95%  | 0.169%  |
| 176 | 12.543 | 12.512 | 12.558 | HH | 1506   | 36972  | 0.52%  | 0.045%  |
| 177 | 12.586 | 12.558 | 12.626 | HH | 1737   | 63779  | 0.90%  | 0.078%  |
| 178 | 12.643 | 12.626 | 12.665 | HH | 1554   | 33473  | 0.47%  | 0.041%  |
| 179 | 12.688 | 12.665 | 12.708 | HH | 1853   | 42361  | 0.60%  | 0.052%  |
| 180 | 12.743 | 12.708 | 12.800 | HH | 3985   | 148812 | 2.10%  | 0.182%  |
| 181 | 12.811 | 12.800 | 12.849 | HH | 2019   | 53368  | 0.75%  | 0.065%  |
| 182 | 12.880 | 12.849 | 12.913 | HH | 1864   | 64569  | 0.91%  | 0.079%  |
| 183 | 12.939 | 12.913 | 12.979 | HH | 3494   | 88388  | 1.25%  | 0.108%  |
| 184 | 13.027 | 12.979 | 13.055 | HH | 2183   | 89787  | 1.27%  | 0.110%  |
| 185 | 13.067 | 13.055 | 13.091 | HH | 1922   | 38809  | 0.55%  | 0.047%  |
| 186 | 13.103 | 13.091 | 13.119 | HH | 1637   | 26136  | 0.37%  | 0.032%  |
| 187 | 13.181 | 13.119 | 13.200 | HH | 3269   | 111033 | 1.57%  | 0.136%  |
| 188 | 13.219 | 13.200 | 13.268 | HH | 3790   | 106706 | 1.51%  | 0.130%  |
| 189 | 13.289 | 13.268 | 13.303 | HH | 2122   | 41491  | 0.59%  | 0.051%  |
| 190 | 13.325 | 13.303 | 13.355 | HH | 2294   | 64866  | 0.92%  | 0.079%  |
| 191 | 13.366 | 13.355 | 13.401 | HH | 2135   | 55960  | 0.79%  | 0.068%  |
| 192 | 13.411 | 13.401 | 13.425 | HH | 1958   | 27642  | 0.39%  | 0.034%  |
| 193 | 13.480 | 13.425 | 13.501 | HH | 3368   | 115040 | 1.62%  | 0.141%  |
| 194 | 13.526 | 13.501 | 13.560 | HH | 5606   | 121060 | 1.71%  | 0.148%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.580 | 13.560 | 13.598 | HH | 2451   | 52044   | 0.74%  | 0.064% |
| 196 | 13.632 | 13.598 | 13.661 | HH | 3265   | 96104   | 1.36%  | 0.117% |
| 197 | 13.672 | 13.661 | 13.697 | HH | 1988   | 41192   | 0.58%  | 0.050% |
| 198 | 13.753 | 13.697 | 13.804 | HH | 2559   | 142586  | 2.01%  | 0.174% |
| 199 | 13.816 | 13.804 | 13.840 | HH | 2165   | 44343   | 0.63%  | 0.054% |
| 200 | 13.856 | 13.840 | 13.865 | HH | 2115   | 30068   | 0.42%  | 0.037% |
| 201 | 13.889 | 13.865 | 13.902 | HH | 2455   | 49645   | 0.70%  | 0.061% |
| 202 | 13.939 | 13.902 | 13.985 | HH | 4173   | 158930  | 2.24%  | 0.194% |
| 203 | 13.995 | 13.985 | 14.055 | HH | 2533   | 100165  | 1.41%  | 0.122% |
| 204 | 14.088 | 14.055 | 14.110 | HH | 6070   | 127049  | 1.79%  | 0.155% |
| 205 | 14.133 | 14.110 | 14.148 | HH | 3996   | 84039   | 1.19%  | 0.103% |
| 206 | 14.158 | 14.148 | 14.259 | HH | 3759   | 202470  | 2.86%  | 0.248% |
| 207 | 14.293 | 14.259 | 14.305 | HH | 2879   | 72938   | 1.03%  | 0.089% |
| 208 | 14.324 | 14.305 | 14.387 | HH | 3083   | 142309  | 2.01%  | 0.174% |
| 209 | 14.427 | 14.387 | 14.545 | HH | 150044 | 2405015 | 33.97% | 2.940% |
| 210 | 14.592 | 14.545 | 14.608 | HH | 5212   | 150082  | 2.12%  | 0.183% |
| 211 | 14.629 | 14.608 | 14.654 | HH | 9144   | 162272  | 2.29%  | 0.198% |
| 212 | 14.676 | 14.654 | 14.728 | HH | 5678   | 170061  | 2.40%  | 0.208% |
| 213 | 14.736 | 14.728 | 14.787 | HH | 2962   | 99236   | 1.40%  | 0.121% |
| 214 | 14.823 | 14.787 | 14.848 | HH | 3294   | 107481  | 1.52%  | 0.131% |
| 215 | 14.873 | 14.848 | 14.897 | HH | 3125   | 86899   | 1.23%  | 0.106% |
| 216 | 14.906 | 14.897 | 14.921 | HH | 2985   | 41768   | 0.59%  | 0.051% |
| 217 | 14.962 | 14.921 | 14.981 | HH | 3251   | 108704  | 1.54%  | 0.133% |
| 218 | 15.017 | 14.981 | 15.120 | HH | 33099  | 951717  | 13.44% | 1.163% |
| 219 | 15.152 | 15.120 | 15.178 | HH | 13603  | 307433  | 4.34%  | 0.376% |
| 220 | 15.202 | 15.178 | 15.311 | HH | 19235  | 514678  | 7.27%  | 0.629% |
| 221 | 15.329 | 15.311 | 15.380 | HH | 3622   | 145197  | 2.05%  | 0.177% |
| 222 | 15.447 | 15.380 | 15.498 | HH | 5057   | 278687  | 3.94%  | 0.341% |
| 223 | 15.543 | 15.498 | 15.596 | HH | 4497   | 238525  | 3.37%  | 0.292% |
| 224 | 15.651 | 15.596 | 15.688 | HH | 15798  | 381233  | 5.39%  | 0.466% |
| 225 | 15.706 | 15.688 | 15.741 | HH | 4518   | 132284  | 1.87%  | 0.162% |
| 226 | 15.777 | 15.741 | 15.803 | HH | 3890   | 140443  | 1.98%  | 0.172% |
| 227 | 15.829 | 15.803 | 15.855 | HH | 4002   | 119562  | 1.69%  | 0.146% |
| 228 | 15.934 | 15.855 | 15.986 | HH | 4705   | 334577  | 4.73%  | 0.409% |
| 229 | 16.043 | 15.986 | 16.078 | HH | 6313   | 278248  | 3.93%  | 0.340% |
| 230 | 16.136 | 16.078 | 16.168 | HH | 20904  | 492399  | 6.96%  | 0.602% |
| 231 | 16.209 | 16.168 | 16.246 | HH | 6443   | 252436  | 3.57%  | 0.309% |
| 232 | 16.283 | 16.246 | 16.299 | HH | 4729   | 147461  | 2.08%  | 0.180% |
| 233 | 16.347 | 16.299 | 16.371 | HH | 5915   | 226279  | 3.20%  | 0.277% |
| 234 | 16.421 | 16.371 | 16.455 | HH | 5426   | 257006  | 3.63%  | 0.314% |
| 235 | 16.489 | 16.455 | 16.541 | HH | 6534   | 287962  | 4.07%  | 0.352% |
| 236 | 16.603 | 16.541 | 16.617 | HH | 27703  | 534388  | 7.55%  | 0.653% |
| 237 | 16.645 | 16.617 | 16.708 | HH | 112313 | 1884295 | 26.62% | 2.303% |
| 238 | 16.731 | 16.708 | 16.748 | HH | 6417   | 145704  | 2.06%  | 0.178% |
| 239 | 16.772 | 16.748 | 16.798 | HH | 7191   | 189186  | 2.67%  | 0.231% |
| 240 | 16.820 | 16.798 | 16.858 | HH | 6079   | 208035  | 2.94%  | 0.254% |
| 241 | 16.920 | 16.858 | 16.961 | HH | 14051  | 490625  | 6.93%  | 0.600% |
| 242 | 16.989 | 16.961 | 17.014 | HH | 7005   | 206702  | 2.92%  | 0.253% |
| 243 | 17.054 | 17.014 | 17.091 | HH | 28997  | 602639  | 8.51%  | 0.737% |
| 244 | 17.114 | 17.091 | 17.158 | HH | 7744   | 291511  | 4.12%  | 0.356% |
| 245 | 17.181 | 17.158 | 17.231 | HH | 7825   | 312534  | 4.41%  | 0.382% |
| 246 | 17.283 | 17.231 | 17.315 | HH | 7678   | 358184  | 5.06%  | 0.438% |

|     |        |        |                         |     |       |         |          |        |
|-----|--------|--------|-------------------------|-----|-------|---------|----------|--------|
|     |        |        |                         |     | rt    | eres    |          |        |
| 247 | 17.335 | 17.315 | 17.355                  | HH  | 7673  | 175138  | 2.47%    | 0.214% |
| 248 | 17.382 | 17.355 | 17.415                  | HH  | 7529  | 258074  | 3.65%    | 0.315% |
| 249 | 17.492 | 17.415 | 17.555                  | HH  | 28562 | 973740  | 13.75%   | 1.190% |
| 250 | 17.582 | 17.555 | 17.631                  | HH  | 12450 | 457735  | 6.47%    | 0.560% |
| 251 | 17.652 | 17.631 | 17.678                  | HH  | 9051  | 246496  | 3.48%    | 0.301% |
| 252 | 17.700 | 17.678 | 17.731                  | HH  | 10856 | 303806  | 4.29%    | 0.371% |
| 253 | 17.793 | 17.731 | 17.818                  | HH  | 13881 | 547629  | 7.74%    | 0.669% |
| 254 | 17.864 | 17.818 | 17.891                  | HH  | 19857 | 660915  | 9.34%    | 0.808% |
| 255 | 17.916 | 17.891 | 17.985                  | HH  | 30487 | 895138  | 12.64%   | 1.094% |
| 256 | 18.013 | 17.985 | 18.088                  | HH  | 14952 | 728567  | 10.29%   | 0.891% |
| 257 | 18.159 | 18.088 | 18.251                  | HH  | 14394 | 1166977 | 16.48%   | 1.427% |
| 258 | 18.326 | 18.251 | 18.375                  | HH  | 24798 | 1120589 | 15.83%   | 1.370% |
| 259 | 18.425 | 18.375 | 18.493                  | HH  | 18245 | 1019477 | 14.40%   | 1.246% |
| 260 | 18.531 | 18.493 | 18.555                  | HH  | 14478 | 506348  | 7.15%    | 0.619% |
| 261 | 18.584 | 18.555 | 18.608                  | HH  | 14789 | 452572  | 6.39%    | 0.553% |
| 262 | 18.720 | 18.608 | 18.761                  | HH  | 23313 | 1678338 | 23.71%   | 2.052% |
| 263 | 18.822 | 18.761 | 18.888                  | HH  | 22225 | 1384907 | 19.56%   | 1.693% |
| 264 | 18.917 | 18.888 | 18.948                  | HH  | 22764 | 694067  | 9.80%    | 0.848% |
| 265 | 18.976 | 18.948 | 19.025                  | HH  | 18568 | 832470  | 11.76%   | 1.018% |
| 266 | 19.111 | 19.025 | 19.134                  | HH  | 24133 | 1287156 | 18.18%   | 1.574% |
| 267 | 19.154 | 19.134 | 19.180                  | HH  | 22343 | 578466  | 8.17%    | 0.707% |
| 268 | 19.216 | 19.180 | 19.251                  | HH  | 22503 | 899274  | 12.70%   | 1.099% |
| 269 | 19.312 | 19.251 | 19.327                  | HH  | 21769 | 965194  | 13.63%   | 1.180% |
| 270 | 19.401 | 19.327 | 19.421                  | HH  | 23961 | 1292340 | 18.25%   | 1.580% |
| 271 | 19.487 | 19.421 | 19.554                  | HH  | 28096 | 2108053 | 29.78%   | 2.577% |
| 272 | 19.584 | 19.554 | 19.636                  | HH  | 31914 | 1358390 | 19.19%   | 1.661% |
| 273 | 19.670 | 19.636 | 19.693                  | HH  | 28542 | 931801  | 13.16%   | 1.139% |
| 274 | 19.723 | 19.693 | 19.788                  | HH  | 30412 | 1593586 | 22.51%   | 1.948% |
| 275 | 19.856 | 19.788 | 19.918                  | HH  | 32570 | 2311955 | 32.66%   | 2.826% |
| 276 | 20.001 | 19.918 | 20.035                  | HH  | 40118 | 2310696 | 32.64%   | 2.825% |
| 277 | 20.099 | 20.035 | 20.141                  | HH  | 37097 | 2253871 | 31.84%   | 2.755% |
| 278 | 20.218 | 20.141 | 20.278                  | HH  | 42020 | 3114977 | 44.00%   | 3.808% |
| 279 | 20.308 | 20.278 | 20.338                  | HH  | 41282 | 1395773 | 19.72%   | 1.706% |
| 280 | 20.378 | 20.338 | 20.408                  | HH  | 39690 | 1653062 | 23.35%   | 2.021% |
| 281 | 20.484 | 20.408 | 20.515                  | HH  | 41381 | 2589941 | 36.58%   | 3.166% |
| 282 | 20.569 | 20.515 | 20.641                  | HH  | 42813 | 3114786 | 44.00%   | 3.808% |
| 283 | 20.667 | 20.641 | 20.769                  | HH  | 40395 | 2915473 | 41.18%   | 3.564% |
| 284 | 20.982 | 20.769 | 21.051                  | HH  | 46958 | 7079442 | 100.00%  | 8.654% |
| 285 | 21.083 | 21.051 | 21.231                  | HH  | 45724 | 4676260 | 66.05%   | 5.717% |
| 286 | 21.405 | 21.231 | 21.481                  | HHA | 45532 | 6530495 | 92.25%   | 7.983% |
|     |        |        | Sum of corrected areas: |     |       |         | 81801969 |        |

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