

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102920\  
 Data File : FG007265.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Oct 2020 15:56  
 Sample : L4531-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG100220.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         | 2.341       | 2.312        | 2.371      | BH       | 150            | 966          | 0.03%          | 0.002%        |
| 2         | 2.391       | 2.371        | 2.425      | PH       | 463            | 3231         | 0.08%          | 0.006%        |
| 3         | 2.491       | 2.472        | 2.545      | PH       | 8567           | 96103        | 2.49%          | 0.173%        |
| 4         | 2.573       | 2.545        | 2.595      | HH       | 239            | 4486         | 0.12%          | 0.008%        |
| 5         | 2.608       | 2.595        | 2.623      | HH       | 169            | 1877         | 0.05%          | 0.003%        |
| 6         | 2.641       | 2.623        | 2.706      | PH       | 131            | 2121         | 0.06%          | 0.004%        |
| 7         | 2.802       | 2.788        | 2.838      | PH       | 71             | -734         | -0.02%         | -0.001%       |
| 8         | 2.893       | 2.838        | 2.962      | PH       | 111            | -1640        | -0.04%         | -0.003%       |
| 9         | 3.071       | 3.048        | 3.087      | PH       | 64             | 236          | 0.01%          | 0.000%        |
| 10        | 3.108       | 3.087        | 3.205      | PH       | 71             | -3633        | -0.09%         | -0.007%       |
| 11        | 3.254       | 3.238        | 3.307      | PH       | 777            | 6825         | 0.18%          | 0.012%        |
| 12        | 3.325       | 3.307        | 3.351      | PH       | 104            | -193         | -0.01%         | -0.000%       |
| 13        | 3.368       | 3.351        | 3.418      | PH       | 189            | -3247        | -0.08%         | -0.006%       |
| 14        | 3.542       | 3.480        | 3.625      | PH       | 69             | -11646       | -0.30%         | -0.021%       |
| 15        | 3.658       | 3.625        | 3.713      | PH       | 378            | -6568        | -0.17%         | -0.012%       |
| 16        | 3.743       | 3.713        | 3.834      | PH       | -195           | -18351       | -0.48%         | -0.033%       |
| 17        | 3.850       | 3.834        | 3.936      | PH       | -185           | -16523       | -0.43%         | -0.030%       |
| 18        | 3.949       | 3.936        | 3.962      | PH       | -208           | -4473        | -0.12%         | -0.008%       |
| 19        | 3.969       | 3.962        | 4.003      | PH       | -237           | -7761        | -0.20%         | -0.014%       |
| 20        | 4.028       | 4.003        | 4.171      | PH       | 51354          | 426397       | 11.07%         | 0.770%        |
| 21        | 4.197       | 4.171        | 4.365      | PH       | 4053           | 38502        | 1.00%          | 0.069%        |
| 22        | 4.379       | 4.365        | 4.415      | PH       | -90            | -4680        | -0.12%         | -0.008%       |
| 23        | 4.444       | 4.415        | 4.468      | PH       | 500            | 1214         | 0.03%          | 0.002%        |
| 24        | 4.488       | 4.468        | 4.518      | PH       | 172            | 151          | 0.00%          | 0.000%        |
| 25        | 4.543       | 4.518        | 4.571      | PH       | 21             | -3355        | -0.09%         | -0.006%       |
| 26        | 4.592       | 4.571        | 4.715      | PH       | 2387           | 2813         | 0.07%          | 0.005%        |
| 27        | 4.786       | 4.772        | 4.858      | PH       | -252           | -17730       | -0.46%         | -0.032%       |
| 28        | 4.871       | 4.858        | 4.915      | PH       | -310           | -13348       | -0.35%         | -0.024%       |
| 29        | 5.040       | 4.953        | 5.065      | PH       | 89             | -21341       | -0.55%         | -0.039%       |
| 30        | 5.144       | 5.107        | 5.162      | PH       | -258           | -13203       | -0.34%         | -0.024%       |
| 31        | 5.307       | 5.265        | 5.347      | PH       | -95            | -17612       | -0.46%         | -0.032%       |
| 32        | 5.366       | 5.347        | 5.427      | PH       | 789            | -8912        | -0.23%         | -0.016%       |
| 33        | 5.540       | 5.505        | 5.578      | PH       | -223           | -17079       | -0.44%         | -0.031%       |
| 34        | 5.600       | 5.578        | 5.632      | PH       | -338           | -14163       | -0.37%         | -0.026%       |
| 35        | 5.646       | 5.632        | 5.688      | PH       | -425           | -15785       | -0.41%         | -0.028%       |
| 36        | 5.728       | 5.688        | 5.813      | PH       | -157           | -32424       | -0.84%         | -0.059%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 5.904 | 5.884 | 5.927 | PH | -489   | -14269 | -0.37% | -0.026% |
| 38 | 5.946 | 5.927 | 5.963 | PH | -468   | -11669 | -0.30% | -0.021% |
| 39 | 5.995 | 5.963 | 6.008 | PH | -484   | -14600 | -0.38% | -0.026% |
| 40 | 6.038 | 6.008 | 6.098 | PH | 19     | -20348 | -0.53% | -0.037% |
| 41 | 6.109 | 6.098 | 6.138 | PH | -387   | -10375 | -0.27% | -0.019% |
| 42 | 6.184 | 6.162 | 6.238 | PH | 612    | -12384 | -0.32% | -0.022% |
| 43 | 6.260 | 6.238 | 6.298 | PH | -442   | -17881 | -0.46% | -0.032% |
| 44 | 6.318 | 6.298 | 6.370 | PH | -337   | -19625 | -0.51% | -0.035% |
| 45 | 6.390 | 6.370 | 6.536 | PH | 3960   | 37359  | 0.97%  | 0.067%  |
| 46 | 6.554 | 6.536 | 6.586 | PH | -376   | -12288 | -0.32% | -0.022% |
| 47 | 6.598 | 6.586 | 6.609 | PH | -372   | -5734  | -0.15% | -0.010% |
| 48 | 6.622 | 6.609 | 6.658 | PH | -400   | -13877 | -0.36% | -0.025% |
| 49 | 6.750 | 6.732 | 6.775 | PH | -309   | -12289 | -0.32% | -0.022% |
| 50 | 6.963 | 6.935 | 6.971 | PH | -566   | -13473 | -0.35% | -0.024% |
| 51 | 6.989 | 6.971 | 7.012 | PH | -412   | -12854 | -0.33% | -0.023% |
| 52 | 7.016 | 7.012 | 7.070 | PH | -543   | -21501 | -0.56% | -0.039% |
| 53 | 7.102 | 7.070 | 7.115 | PH | -472   | -15633 | -0.41% | -0.028% |
| 54 | 7.131 | 7.115 | 7.162 | PH | -396   | -15701 | -0.41% | -0.028% |
| 55 | 7.175 | 7.162 | 7.218 | PH | -564   | -22636 | -0.59% | -0.041% |
| 56 | 7.236 | 7.218 | 7.249 | PH | -582   | -12206 | -0.32% | -0.022% |
| 57 | 7.271 | 7.249 | 7.292 | PH | -592   | -17259 | -0.45% | -0.031% |
| 58 | 7.400 | 7.326 | 7.420 | PH | -502   | -36172 | -0.94% | -0.065% |
| 59 | 7.471 | 7.451 | 7.507 | PH | -681   | -24839 | -0.64% | -0.045% |
| 60 | 7.520 | 7.507 | 7.560 | PH | -660   | -22211 | -0.58% | -0.040% |
| 61 | 7.686 | 7.645 | 7.742 | PH | -51    | -36356 | -0.94% | -0.066% |
| 62 | 7.751 | 7.742 | 7.780 | PH | -693   | -17214 | -0.45% | -0.031% |
| 63 | 7.812 | 7.780 | 7.821 | PH | -559   | -16234 | -0.42% | -0.029% |
| 64 | 7.854 | 7.821 | 7.918 | PH | 98     | -30412 | -0.79% | -0.055% |
| 65 | 8.001 | 7.955 | 8.082 | PH | -249   | -47986 | -1.25% | -0.087% |
| 66 | 8.095 | 8.082 | 8.136 | PH | -569   | -22366 | -0.58% | -0.040% |
| 67 | 8.170 | 8.136 | 8.189 | PH | -536   | -20981 | -0.54% | -0.038% |
| 68 | 8.238 | 8.189 | 8.258 | PH | 2107   | 5909   | 0.15%  | 0.011%  |
| 69 | 8.271 | 8.258 | 8.300 | PH | 279    | -6350  | -0.16% | -0.011% |
| 70 | 8.334 | 8.300 | 8.374 | PH | 55117  | 546716 | 14.19% | 0.987%  |
| 71 | 8.387 | 8.374 | 8.462 | HH | 1617   | 5304   | 0.14%  | 0.010%  |
| 72 | 8.507 | 8.498 | 8.537 | PH | -453   | -14369 | -0.37% | -0.026% |
| 73 | 8.557 | 8.537 | 8.612 | PH | -622   | -30546 | -0.79% | -0.055% |
| 74 | 8.637 | 8.612 | 8.656 | PH | -416   | -16006 | -0.42% | -0.029% |
| 75 | 8.683 | 8.656 | 8.702 | PH | -73    | -12508 | -0.32% | -0.023% |
| 76 | 8.714 | 8.702 | 8.727 | PH | -420   | -6955  | -0.18% | -0.013% |
| 77 | 8.747 | 8.727 | 8.791 | PH | 167    | -10728 | -0.28% | -0.019% |
| 78 | 8.810 | 8.791 | 8.844 | PH | -208   | -16161 | -0.42% | -0.029% |
| 79 | 8.866 | 8.844 | 8.911 | PH | -580   | -26193 | -0.68% | -0.047% |
| 80 | 8.922 | 8.911 | 8.945 | PH | -611   | -13780 | -0.36% | -0.025% |
| 81 | 8.960 | 8.945 | 8.976 | PH | -347   | -9855  | -0.26% | -0.018% |
| 82 | 8.996 | 8.976 | 9.062 | PH | -187   | -24660 | -0.64% | -0.045% |
| 83 | 9.097 | 9.062 | 9.125 | PH | 643    | -11792 | -0.31% | -0.021% |
| 84 | 9.134 | 9.125 | 9.165 | PH | -540   | -16139 | -0.42% | -0.029% |
| 85 | 9.186 | 9.165 | 9.214 | PH | -610   | -20657 | -0.54% | -0.037% |
| 86 | 9.238 | 9.214 | 9.272 | PH | -640   | -25149 | -0.65% | -0.045% |
| 87 | 9.283 | 9.272 | 9.299 | PH | -624   | -11693 | -0.30% | -0.021% |
| 88 | 9.335 | 9.299 | 9.362 | PH | -635   | -26535 | -0.69% | -0.048% |
| 89 | 9.388 | 9.362 | 9.414 | PH | -628   | -22055 | -0.57% | -0.040% |

|     |        |        |        |    |        |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
|     |        |        |        |    | rteres |        |        |         |
| 90  | 9.476  | 9.414  | 9.502  | PH | -4     | -24598 | -0.64% | -0.044% |
| 91  | 9.514  | 9.502  | 9.534  | PH | -92    | -6109  | -0.16% | -0.011% |
| 92  | 9.554  | 9.534  | 9.574  | PH | -414   | -12182 | -0.32% | -0.022% |
| 93  | 9.594  | 9.574  | 9.632  | PH | -219   | -14745 | -0.38% | -0.027% |
| 94  | 9.653  | 9.632  | 9.684  | PH | -472   | -18399 | -0.48% | -0.033% |
| 95  | 9.714  | 9.684  | 9.769  | PH | 374    | -22799 | -0.59% | -0.041% |
| 96  | 9.810  | 9.769  | 9.845  | PH | -456   | -26021 | -0.68% | -0.047% |
| 97  | 9.878  | 9.845  | 9.892  | PH | 523    | -5352  | -0.14% | -0.010% |
| 98  | 9.905  | 9.892  | 9.934  | PH | 443    | -1710  | -0.04% | -0.003% |
| 99  | 9.951  | 9.934  | 9.972  | PH | -472   | -11456 | -0.30% | -0.021% |
| 100 | 9.984  | 9.972  | 10.005 | PH | -367   | -10001 | -0.26% | -0.018% |
| 101 | 10.029 | 10.005 | 10.078 | PH | -253   | -24971 | -0.65% | -0.045% |
| 102 | 10.156 | 10.111 | 10.176 | PH | -643   | -28000 | -0.73% | -0.051% |
| 103 | 10.219 | 10.176 | 10.242 | PH | -213   | -21216 | -0.55% | -0.038% |
| 104 | 10.266 | 10.242 | 10.292 | PH | -1     | -9622  | -0.25% | -0.017% |
| 105 | 10.320 | 10.292 | 10.340 | PH | -276   | -12051 | -0.31% | -0.022% |
| 106 | 10.359 | 10.340 | 10.381 | PH | -286   | -10879 | -0.28% | -0.020% |
| 107 | 10.404 | 10.381 | 10.458 | PH | -79    | -17838 | -0.46% | -0.032% |
| 108 | 10.499 | 10.458 | 10.512 | PH | -280   | -12408 | -0.32% | -0.022% |
| 109 | 10.527 | 10.512 | 10.558 | PH | -134   | -7720  | -0.20% | -0.014% |
| 110 | 10.574 | 10.558 | 10.589 | PH | -134   | -5533  | -0.14% | -0.010% |
| 111 | 10.619 | 10.589 | 10.657 | PH | 666    | -4948  | -0.13% | -0.009% |
| 112 | 10.691 | 10.657 | 10.705 | PH | -52    | -6925  | -0.18% | -0.012% |
| 113 | 10.720 | 10.705 | 10.793 | PH | 21     | -16014 | -0.42% | -0.029% |
| 114 | 10.816 | 10.793 | 10.824 | PH | -409   | -9039  | -0.23% | -0.016% |
| 115 | 10.842 | 10.824 | 10.854 | PH | -293   | -6982  | -0.18% | -0.013% |
| 116 | 10.878 | 10.854 | 10.915 | PH | 1488   | 3555   | 0.09%  | 0.006%  |
| 117 | 10.953 | 10.915 | 10.979 | PH | 534    | -2584  | -0.07% | -0.005% |
| 118 | 10.995 | 10.979 | 11.008 | PH | -237   | -5266  | -0.14% | -0.010% |
| 119 | 11.017 | 11.008 | 11.060 | PH | -268   | -11306 | -0.29% | -0.020% |
| 120 | 11.074 | 11.060 | 11.112 | PH | -305   | -12825 | -0.33% | -0.023% |
| 121 | 11.132 | 11.112 | 11.154 | PH | -322   | -10793 | -0.28% | -0.019% |
| 122 | 11.180 | 11.154 | 11.215 | PH | -264   | -14777 | -0.38% | -0.027% |
| 123 | 11.258 | 11.215 | 11.281 | PH | -272   | -16596 | -0.43% | -0.030% |
| 124 | 11.325 | 11.281 | 11.358 | PH | 590    | -6965  | -0.18% | -0.013% |
| 125 | 11.369 | 11.358 | 11.381 | PH | -254   | -4313  | -0.11% | -0.008% |
| 126 | 11.409 | 11.381 | 11.453 | PH | 37     | -9258  | -0.24% | -0.017% |
| 127 | 11.484 | 11.453 | 11.505 | PH | 44     | -7529  | -0.20% | -0.014% |
| 128 | 11.519 | 11.505 | 11.549 | PH | -39    | -6953  | -0.18% | -0.013% |
| 129 | 11.577 | 11.549 | 11.587 | PH | -308   | -8397  | -0.22% | -0.015% |
| 130 | 11.621 | 11.587 | 11.657 | PH | -68    | -8611  | -0.22% | -0.016% |
| 131 | 11.682 | 11.657 | 11.699 | PH | 233    | -486   | -0.01% | -0.001% |
| 132 | 11.715 | 11.699 | 11.733 | PH | 309    | 1035   | 0.03%  | 0.002%  |
| 133 | 11.743 | 11.733 | 11.764 | PH | -30    | -2154  | -0.06% | -0.004% |
| 134 | 11.803 | 11.764 | 11.820 | PH | 190    | 386    | 0.01%  | 0.001%  |
| 135 | 11.830 | 11.820 | 11.847 | PH | 150    | -311   | -0.01% | -0.001% |
| 136 | 11.864 | 11.847 | 11.911 | PH | 80     | -8410  | -0.22% | -0.015% |
| 137 | 11.935 | 11.911 | 11.957 | PH | -219   | -9249  | -0.24% | -0.017% |
| 138 | 11.996 | 11.957 | 12.023 | PH | 507    | -1454  | -0.04% | -0.003% |
| 139 | 12.044 | 12.023 | 12.068 | PH | 202    | -1850  | -0.05% | -0.003% |
| 140 | 12.087 | 12.068 | 12.125 | PH | 426    | 116    | 0.00%  | 0.000%  |
| 141 | 12.128 | 12.125 | 12.142 | PH | -136   | -1795  | -0.05% | -0.003% |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 12.156 | 12.142 | 12.178 | PH | 23     | -2341   | -0.06% | -0.004% |
| 143 | 12.192 | 12.178 | 12.201 | PH | -150   | -2973   | -0.08% | -0.005% |
| 144 | 12.245 | 12.201 | 12.354 | PH | 39524  | 461579  | 11.98% | 0.833%  |
| 145 | 12.363 | 12.354 | 12.378 | HH | 191    | 1995    | 0.05%  | 0.004%  |
| 146 | 12.389 | 12.378 | 12.394 | HH | 183    | 1382    | 0.04%  | 0.002%  |
| 147 | 12.408 | 12.394 | 12.458 | HH | 243    | 3275    | 0.09%  | 0.006%  |
| 148 | 12.473 | 12.458 | 12.482 | PH | 79     | 611     | 0.02%  | 0.001%  |
| 149 | 12.537 | 12.518 | 12.561 | PH | 273    | 2101    | 0.05%  | 0.004%  |
| 150 | 12.584 | 12.561 | 12.605 | PH | 664    | 6755    | 0.18%  | 0.012%  |
| 151 | 12.639 | 12.605 | 12.674 | HH | 1005   | 13804   | 0.36%  | 0.025%  |
| 152 | 12.701 | 12.674 | 12.740 | PH | 7645   | 82660   | 2.15%  | 0.149%  |
| 153 | 12.836 | 12.792 | 12.868 | PH | 781    | 8066    | 0.21%  | 0.015%  |
| 154 | 12.893 | 12.868 | 12.928 | HH | 343    | 8569    | 0.22%  | 0.015%  |
| 155 | 12.941 | 12.928 | 12.974 | HH | 310    | 3149    | 0.08%  | 0.006%  |
| 156 | 13.000 | 12.974 | 13.024 | PH | 6999   | 76107   | 1.98%  | 0.137%  |
| 157 | 13.054 | 13.024 | 13.077 | HH | 1051   | 23122   | 0.60%  | 0.042%  |
| 158 | 13.089 | 13.077 | 13.112 | HH | 646    | 6976    | 0.18%  | 0.013%  |
| 159 | 13.134 | 13.112 | 13.154 | PH | 160    | 1791    | 0.05%  | 0.003%  |
| 160 | 13.200 | 13.154 | 13.222 | PH | 282    | 4513    | 0.12%  | 0.008%  |
| 161 | 13.255 | 13.222 | 13.318 | PH | 923    | 25125   | 0.65%  | 0.045%  |
| 162 | 13.334 | 13.318 | 13.385 | HH | 444    | 12579   | 0.33%  | 0.023%  |
| 163 | 13.400 | 13.385 | 13.414 | HH | 330    | 4707    | 0.12%  | 0.008%  |
| 164 | 13.482 | 13.414 | 13.549 | HH | 3664   | 75753   | 1.97%  | 0.137%  |
| 165 | 13.592 | 13.549 | 13.621 | HH | 1155   | 25043   | 0.65%  | 0.045%  |
| 166 | 13.640 | 13.621 | 13.678 | HH | 523    | 13762   | 0.36%  | 0.025%  |
| 167 | 13.703 | 13.678 | 13.719 | HH | 606    | 10603   | 0.28%  | 0.019%  |
| 168 | 13.740 | 13.719 | 13.766 | HH | 876    | 13975   | 0.36%  | 0.025%  |
| 169 | 13.791 | 13.766 | 13.810 | HH | 1048   | 16801   | 0.44%  | 0.030%  |
| 170 | 13.840 | 13.810 | 13.859 | HH | 2052   | 33320   | 0.87%  | 0.060%  |
| 171 | 13.869 | 13.859 | 13.891 | HH | 1021   | 14192   | 0.37%  | 0.026%  |
| 172 | 13.910 | 13.891 | 13.946 | HH | 846    | 16096   | 0.42%  | 0.029%  |
| 173 | 13.968 | 13.946 | 14.005 | HH | 358    | 10711   | 0.28%  | 0.019%  |
| 174 | 14.025 | 14.005 | 14.037 | HH | 374    | 5811    | 0.15%  | 0.010%  |
| 175 | 14.069 | 14.037 | 14.108 | HH | 475    | 15788   | 0.41%  | 0.028%  |
| 176 | 14.122 | 14.108 | 14.162 | HH | 405    | 10455   | 0.27%  | 0.019%  |
| 177 | 14.235 | 14.162 | 14.277 | HH | 3826   | 86355   | 2.24%  | 0.156%  |
| 178 | 14.295 | 14.277 | 14.309 | HH | 748    | 13528   | 0.35%  | 0.024%  |
| 179 | 14.329 | 14.309 | 14.378 | HH | 1292   | 32939   | 0.86%  | 0.059%  |
| 180 | 14.407 | 14.378 | 14.445 | HH | 2795   | 61377   | 1.59%  | 0.111%  |
| 181 | 14.464 | 14.445 | 14.488 | HH | 3140   | 53676   | 1.39%  | 0.097%  |
| 182 | 14.506 | 14.488 | 14.550 | HH | 1773   | 46075   | 1.20%  | 0.083%  |
| 183 | 14.572 | 14.550 | 14.592 | HH | 1904   | 31967   | 0.83%  | 0.058%  |
| 184 | 14.631 | 14.592 | 14.665 | HH | 1827   | 49315   | 1.28%  | 0.089%  |
| 185 | 14.689 | 14.665 | 14.704 | HH | 831    | 18342   | 0.48%  | 0.033%  |
| 186 | 14.743 | 14.704 | 14.778 | HH | 113605 | 1507028 | 39.12% | 2.720%  |
| 187 | 14.794 | 14.778 | 14.821 | HH | 1999   | 40376   | 1.05%  | 0.073%  |
| 188 | 14.838 | 14.821 | 14.858 | HH | 1665   | 27922   | 0.72%  | 0.050%  |
| 189 | 14.884 | 14.858 | 14.903 | HH | 4957   | 73767   | 1.92%  | 0.133%  |
| 190 | 14.925 | 14.903 | 14.969 | HH | 5991   | 144299  | 3.75%  | 0.260%  |
| 191 | 14.991 | 14.969 | 15.025 | HH | 3171   | 64343   | 1.67%  | 0.116%  |
| 192 | 15.045 | 15.025 | 15.108 | HH | 2115   | 72357   | 1.88%  | 0.131%  |
| 193 | 15.132 | 15.108 | 15.162 | HH | 1403   | 38911   | 1.01%  | 0.070%  |
| 194 | 15.193 | 15.162 | 15.212 | HH | 1537   | 39660   | 1.03%  | 0.072%  |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 15.223 | 15.212 | 15.264 | HH | 1454   | 42928   | 1.11%  | 0.077% |
| 196 | 15.281 | 15.264 | 15.291 | HH | 1433   | 21739   | 0.56%  | 0.039% |
| 197 | 15.326 | 15.291 | 15.412 | HH | 79631  | 1274627 | 33.09% | 2.301% |
| 198 | 15.423 | 15.412 | 15.440 | HH | 1871   | 30156   | 0.78%  | 0.054% |
| 199 | 15.469 | 15.440 | 15.506 | HH | 5356   | 130628  | 3.39%  | 0.236% |
| 200 | 15.543 | 15.506 | 15.581 | HH | 11013  | 213597  | 5.55%  | 0.386% |
| 201 | 15.598 | 15.581 | 15.632 | HH | 2298   | 58557   | 1.52%  | 0.106% |
| 202 | 15.718 | 15.632 | 15.750 | HH | 2308   | 136406  | 3.54%  | 0.246% |
| 203 | 15.761 | 15.750 | 15.770 | HH | 1845   | 21659   | 0.56%  | 0.039% |
| 204 | 15.794 | 15.770 | 15.818 | HH | 2222   | 57919   | 1.50%  | 0.105% |
| 205 | 15.848 | 15.818 | 15.912 | HH | 3956   | 144097  | 3.74%  | 0.260% |
| 206 | 15.924 | 15.912 | 15.942 | HH | 2165   | 38294   | 0.99%  | 0.069% |
| 207 | 15.970 | 15.942 | 16.011 | HH | 5833   | 134941  | 3.50%  | 0.244% |
| 208 | 16.032 | 16.011 | 16.078 | HH | 2484   | 89186   | 2.32%  | 0.161% |
| 209 | 16.096 | 16.078 | 16.105 | HH | 2142   | 34877   | 0.91%  | 0.063% |
| 210 | 16.112 | 16.105 | 16.122 | HH | 2143   | 20424   | 0.53%  | 0.037% |
| 211 | 16.171 | 16.122 | 16.213 | HH | 2777   | 129297  | 3.36%  | 0.233% |
| 212 | 16.231 | 16.213 | 16.244 | HH | 2661   | 47335   | 1.23%  | 0.085% |
| 213 | 16.268 | 16.244 | 16.296 | HH | 3111   | 87537   | 2.27%  | 0.158% |
| 214 | 16.345 | 16.296 | 16.391 | HH | 9201   | 263167  | 6.83%  | 0.475% |
| 215 | 16.449 | 16.391 | 16.501 | HH | 11425  | 370171  | 9.61%  | 0.668% |
| 216 | 16.535 | 16.501 | 16.559 | HH | 6216   | 145805  | 3.79%  | 0.263% |
| 217 | 16.580 | 16.559 | 16.651 | HH | 4532   | 191067  | 4.96%  | 0.345% |
| 218 | 16.711 | 16.651 | 16.735 | HH | 4323   | 180777  | 4.69%  | 0.326% |
| 219 | 16.768 | 16.735 | 16.796 | HH | 7442   | 189291  | 4.91%  | 0.342% |
| 220 | 16.825 | 16.796 | 16.870 | HH | 8233   | 220427  | 5.72%  | 0.398% |
| 221 | 16.923 | 16.870 | 16.951 | HH | 9341   | 260643  | 6.77%  | 0.470% |
| 222 | 16.971 | 16.951 | 16.985 | HH | 5080   | 93584   | 2.43%  | 0.169% |
| 223 | 16.998 | 16.985 | 17.022 | HH | 4998   | 98853   | 2.57%  | 0.178% |
| 224 | 17.033 | 17.022 | 17.049 | HH | 3875   | 60663   | 1.57%  | 0.109% |
| 225 | 17.074 | 17.049 | 17.108 | HH | 4141   | 142940  | 3.71%  | 0.258% |
| 226 | 17.130 | 17.108 | 17.145 | HH | 4060   | 87332   | 2.27%  | 0.158% |
| 227 | 17.193 | 17.145 | 17.228 | HH | 4609   | 218769  | 5.68%  | 0.395% |
| 228 | 17.292 | 17.228 | 17.335 | HH | 7077   | 327926  | 8.51%  | 0.592% |
| 229 | 17.372 | 17.335 | 17.401 | HH | 10829  | 274164  | 7.12%  | 0.495% |
| 230 | 17.417 | 17.401 | 17.431 | HH | 4763   | 82732   | 2.15%  | 0.149% |
| 231 | 17.458 | 17.431 | 17.478 | HH | 6070   | 149762  | 3.89%  | 0.270% |
| 232 | 17.497 | 17.478 | 17.548 | HH | 5283   | 210288  | 5.46%  | 0.380% |
| 233 | 17.554 | 17.548 | 17.570 | HH | 4987   | 62723   | 1.63%  | 0.113% |
| 234 | 17.607 | 17.570 | 17.619 | HH | 5004   | 145574  | 3.78%  | 0.263% |
| 235 | 17.648 | 17.619 | 17.684 | HH | 5229   | 194235  | 5.04%  | 0.351% |
| 236 | 17.766 | 17.684 | 17.786 | HH | 7918   | 372698  | 9.68%  | 0.673% |
| 237 | 17.811 | 17.786 | 17.842 | HH | 11767  | 277077  | 7.19%  | 0.500% |
| 238 | 17.901 | 17.842 | 17.926 | HH | 8603   | 340550  | 8.84%  | 0.615% |
| 239 | 17.966 | 17.926 | 18.012 | HH | 7782   | 350211  | 9.09%  | 0.632% |
| 240 | 18.046 | 18.012 | 18.073 | HH | 8326   | 266339  | 6.91%  | 0.481% |
| 241 | 18.171 | 18.073 | 18.217 | HH | 37192  | 1186250 | 30.80% | 2.141% |
| 242 | 18.236 | 18.217 | 18.270 | HH | 15488  | 355541  | 9.23%  | 0.642% |
| 243 | 18.292 | 18.270 | 18.312 | HH | 7822   | 193034  | 5.01%  | 0.348% |
| 244 | 18.333 | 18.312 | 18.352 | HH | 10156  | 218930  | 5.68%  | 0.395% |
| 245 | 18.366 | 18.352 | 18.422 | HH | 9041   | 347320  | 9.02%  | 0.627% |
| 246 | 18.453 | 18.422 | 18.484 | HH | 11897  | 350941  | 9.11%  | 0.633% |

| rteres                  |        |        |        |     |       |         |          |        |
|-------------------------|--------|--------|--------|-----|-------|---------|----------|--------|
| 247                     | 18.536 | 18.484 | 18.568 | HH  | 9115  | 442173  | 11.48%   | 0.798% |
| 248                     | 18.592 | 18.568 | 18.612 | HH  | 10378 | 253476  | 6.58%    | 0.458% |
| 249                     | 18.644 | 18.612 | 18.704 | HH  | 16034 | 616893  | 16.02%   | 1.113% |
| 250                     | 18.750 | 18.704 | 18.784 | HH  | 12030 | 510934  | 13.26%   | 0.922% |
|                         |        |        |        |     |       |         |          |        |
| 251                     | 18.806 | 18.784 | 18.865 | HH  | 11077 | 513719  | 13.34%   | 0.927% |
| 252                     | 18.924 | 18.865 | 18.944 | HH  | 11398 | 515118  | 13.37%   | 0.930% |
| 253                     | 19.002 | 18.944 | 19.030 | HH  | 28945 | 892676  | 23.18%   | 1.611% |
| 254                     | 19.047 | 19.030 | 19.100 | HH  | 18946 | 644260  | 16.73%   | 1.163% |
| 255                     | 19.121 | 19.100 | 19.136 | HH  | 13159 | 279867  | 7.27%    | 0.505% |
|                         |        |        |        |     |       |         |          |        |
| 256                     | 19.210 | 19.136 | 19.227 | HH  | 13877 | 718488  | 18.65%   | 1.297% |
| 257                     | 19.243 | 19.227 | 19.269 | HH  | 14076 | 338371  | 8.78%    | 0.611% |
| 258                     | 19.279 | 19.269 | 19.319 | HH  | 12789 | 380818  | 9.89%    | 0.687% |
| 259                     | 19.343 | 19.319 | 19.366 | HH  | 13351 | 369356  | 9.59%    | 0.667% |
| 260                     | 19.431 | 19.366 | 19.461 | HH  | 18685 | 832984  | 21.63%   | 1.503% |
|                         |        |        |        |     |       |         |          |        |
| 261                     | 19.500 | 19.461 | 19.515 | HH  | 15887 | 481108  | 12.49%   | 0.868% |
| 262                     | 19.541 | 19.515 | 19.578 | HH  | 17117 | 603127  | 15.66%   | 1.089% |
| 263                     | 19.610 | 19.578 | 19.639 | HH  | 18238 | 594182  | 15.43%   | 1.072% |
| 264                     | 19.679 | 19.639 | 19.702 | HH  | 16465 | 588567  | 15.28%   | 1.062% |
| 265                     | 19.723 | 19.702 | 19.752 | HH  | 16502 | 484320  | 12.57%   | 0.874% |
|                         |        |        |        |     |       |         |          |        |
| 266                     | 19.804 | 19.752 | 19.875 | HH  | 25634 | 1400157 | 36.35%   | 2.527% |
| 267                     | 19.893 | 19.875 | 19.902 | HH  | 17020 | 270989  | 7.04%    | 0.489% |
| 268                     | 19.915 | 19.902 | 19.926 | HH  | 17274 | 249669  | 6.48%    | 0.451% |
| 269                     | 20.000 | 19.926 | 20.010 | HH  | 19485 | 923586  | 23.98%   | 1.667% |
| 270                     | 20.057 | 20.010 | 20.079 | HH  | 20337 | 811661  | 21.07%   | 1.465% |
|                         |        |        |        |     |       |         |          |        |
| 271                     | 20.087 | 20.079 | 20.109 | HH  | 19318 | 344196  | 8.94%    | 0.621% |
| 272                     | 20.174 | 20.109 | 20.201 | HH  | 26066 | 1163739 | 30.21%   | 2.100% |
| 273                     | 20.217 | 20.201 | 20.235 | HH  | 20486 | 410447  | 10.66%   | 0.741% |
| 274                     | 20.295 | 20.235 | 20.311 | HH  | 21583 | 952284  | 24.72%   | 1.719% |
| 275                     | 20.338 | 20.311 | 20.374 | HH  | 26504 | 879798  | 22.84%   | 1.588% |
|                         |        |        |        |     |       |         |          |        |
| 276                     | 20.457 | 20.374 | 20.469 | HH  | 23758 | 1291374 | 33.53%   | 2.331% |
| 277                     | 20.482 | 20.469 | 20.502 | HH  | 23674 | 458597  | 11.91%   | 0.828% |
| 278                     | 20.536 | 20.502 | 20.575 | HH  | 29688 | 1122389 | 29.14%   | 2.026% |
| 279                     | 20.701 | 20.575 | 20.772 | HH  | 25582 | 2876484 | 74.68%   | 5.192% |
| 280                     | 20.782 | 20.772 | 20.802 | HH  | 24495 | 438360  | 11.38%   | 0.791% |
|                         |        |        |        |     |       |         |          |        |
| 281                     | 20.843 | 20.802 | 20.868 | HH  | 24749 | 981481  | 25.48%   | 1.771% |
| 282                     | 20.927 | 20.868 | 20.991 | HH  | 30169 | 1919078 | 49.82%   | 3.464% |
| 283                     | 21.051 | 20.991 | 21.075 | HH  | 25013 | 1260935 | 32.74%   | 2.276% |
| 284                     | 21.129 | 21.075 | 21.162 | HH  | 25112 | 1299148 | 33.73%   | 2.345% |
| 285                     | 21.198 | 21.162 | 21.221 | HH  | 25153 | 877822  | 22.79%   | 1.584% |
|                         |        |        |        |     |       |         |          |        |
| 286                     | 21.269 | 21.221 | 21.324 | HH  | 25488 | 1559636 | 40.49%   | 2.815% |
| 287                     | 21.373 | 21.324 | 21.435 | HH  | 30230 | 1790246 | 46.48%   | 3.231% |
| 288                     | 21.444 | 21.435 | 21.452 | HH  | 25324 | 256859  | 6.67%    | 0.464% |
| 289                     | 21.585 | 21.452 | 21.702 | HH  | 26774 | 3851864 | 100.00%  | 6.952% |
| 290                     | 21.732 | 21.702 | 21.774 | HH  | 25309 | 1092799 | 28.37%   | 1.972% |
|                         |        |        |        |     |       |         |          |        |
| 291                     | 21.806 | 21.774 | 21.825 | HH  | 25256 | 763863  | 19.83%   | 1.379% |
| 292                     | 21.876 | 21.825 | 21.962 | HHA | 29436 | 2206118 | 57.27%   | 3.982% |
| Sum of corrected areas: |        |        |        |     |       |         | 55404096 |        |

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