

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110618\  
 Data File : FE029023.D  
 Signal(s) : FID1B.CH  
 Acq On : 06 Nov 2018 15:30  
 Sample : J5826-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE102518.M  
 Title :

Signal : FID1B.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         | 4.604       | 4.585        | 4.645      | PH       | 708            | 8247         | 0.20%          | 0.006%        |
| 2         | 4.690       | 4.645        | 4.731      | PH       | 191            | 3566         | 0.09%          | 0.003%        |
| 3         | 4.752       | 4.731        | 4.805      | PH       | 2515           | 27144        | 0.65%          | 0.020%        |
| 4         | 4.833       | 4.805        | 4.877      | HH       | 455            | 10967        | 0.26%          | 0.008%        |
| 5         | 4.889       | 4.877        | 4.899      | PH       | 126            | 867          | 0.02%          | 0.001%        |
| 6         | 4.906       | 4.899        | 4.949      | HH       | 100            | -234         | -0.01%         | -0.000%       |
| 7         | 4.966       | 4.949        | 4.996      | PH       | 100            | -776         | -0.02%         | -0.001%       |
| 8         | 5.020       | 4.996        | 5.076      | PH       | 124            | -3326        | -0.08%         | -0.002%       |
| 9         | 5.088       | 5.076        | 5.105      | PH       | -1             | -2313        | -0.06%         | -0.002%       |
| 10        | 5.139       | 5.105        | 5.174      | PH       | -81            | -6205        | -0.15%         | -0.005%       |
| 11        | 5.200       | 5.174        | 5.228      | PH       | 373            | 881          | 0.02%          | 0.001%        |
| 12        | 5.246       | 5.228        | 5.256      | PH       | -42            | -1630        | -0.04%         | -0.001%       |
| 13        | 5.274       | 5.256        | 5.297      | PH       | -55            | -2088        | -0.05%         | -0.002%       |
| 14        | 5.305       | 5.297        | 5.319      | PH       | -59            | -1685        | -0.04%         | -0.001%       |
| 15        | 5.337       | 5.319        | 5.395      | PH       | 75             | -5998        | -0.14%         | -0.004%       |
| 16        | 5.413       | 5.395        | 5.429      | PH       | -75            | -3400        | -0.08%         | -0.003%       |
| 17        | 5.469       | 5.429        | 5.513      | PH       | 267            | -3637        | -0.09%         | -0.003%       |
| 18        | 5.546       | 5.513        | 5.591      | PH       | 224            | -2660        | -0.06%         | -0.002%       |
| 19        | 5.603       | 5.591        | 5.621      | PH       | -69            | -2126        | -0.05%         | -0.002%       |
| 20        | 5.643       | 5.621        | 5.668      | PH       | 422            | 1162         | 0.03%          | 0.001%        |
| 21        | 5.684       | 5.668        | 5.702      | PH       | 75             | -1024        | -0.02%         | -0.001%       |
| 22        | 5.716       | 5.702        | 5.759      | PH       | 273            | -1498        | -0.04%         | -0.001%       |
| 23        | 5.788       | 5.759        | 5.798      | PH       | -80            | -3587        | -0.09%         | -0.003%       |
| 24        | 5.845       | 5.798        | 5.864      | PH       | 198            | -834         | -0.02%         | -0.001%       |
| 25        | 5.889       | 5.864        | 5.912      | PH       | 92             | -1232        | -0.03%         | -0.001%       |
| 26        | 5.928       | 5.912        | 5.950      | PH       | 207            | 2162         | 0.05%          | 0.002%        |
| 27        | 5.956       | 5.950        | 5.972      | HH       | 147            | 1025         | 0.02%          | 0.001%        |
| 28        | 5.991       | 5.972        | 6.009      | PH       | 327            | 2490         | 0.06%          | 0.002%        |
| 29        | 6.024       | 6.009        | 6.072      | PH       | 87             | -815         | -0.02%         | -0.001%       |
| 30        | 6.079       | 6.072        | 6.088      | PH       | -25            | -572         | -0.01%         | -0.000%       |
| 31        | 6.106       | 6.088        | 6.125      | PH       | 89             | -535         | -0.01%         | -0.000%       |
| 32        | 6.215       | 6.125        | 6.274      | PH       | 390            | 8431         | 0.20%          | 0.006%        |
| 33        | 6.304       | 6.274        | 6.312      | HH       | 175            | 2544         | 0.06%          | 0.002%        |
| 34        | 6.335       | 6.312        | 6.370      | HH       | 2430           | 27495        | 0.66%          | 0.020%        |
| 35        | 6.448       | 6.370        | 6.460      | HH       | 210            | 5960         | 0.14%          | 0.004%        |
| 36        | 6.476       | 6.460        | 6.495      | HH       | 284            | 4056         | 0.10%          | 0.003%        |

|    |       |       |       |    | rteres |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
| 37 | 6.516 | 6.495 | 6.533 | HH | 318    | 5610   | 0.13%  | 0.004% |
| 38 | 6.568 | 6.533 | 6.608 | HH | 378    | 11970  | 0.29%  | 0.009% |
| 39 | 6.627 | 6.608 | 6.673 | HH | 942    | 16041  | 0.38%  | 0.012% |
| 40 | 6.691 | 6.673 | 6.715 | HH | 265    | 4710   | 0.11%  | 0.004% |
| 41 | 6.743 | 6.715 | 6.752 | HH | 294    | 4685   | 0.11%  | 0.003% |
| 42 | 6.775 | 6.752 | 6.813 | HH | 1281   | 25969  | 0.62%  | 0.019% |
| 43 | 6.826 | 6.813 | 6.870 | HH | 629    | 14367  | 0.34%  | 0.011% |
| 44 | 6.909 | 6.870 | 6.932 | HH | 405    | 8731   | 0.21%  | 0.006% |
| 45 | 6.963 | 6.932 | 7.028 | HH | 367    | 16325  | 0.39%  | 0.012% |
| 46 | 7.045 | 7.028 | 7.067 | HH | 393    | 7541   | 0.18%  | 0.006% |
| 47 | 7.085 | 7.067 | 7.094 | HH | 289    | 4207   | 0.10%  | 0.003% |
| 48 | 7.104 | 7.094 | 7.116 | HH | 376    | 3716   | 0.09%  | 0.003% |
| 49 | 7.143 | 7.116 | 7.153 | HH | 429    | 7843   | 0.19%  | 0.006% |
| 50 | 7.163 | 7.153 | 7.175 | HH | 466    | 5250   | 0.13%  | 0.004% |
| 51 | 7.192 | 7.175 | 7.219 | HH | 558    | 11312  | 0.27%  | 0.008% |
| 52 | 7.233 | 7.219 | 7.242 | HH | 636    | 7048   | 0.17%  | 0.005% |
| 53 | 7.271 | 7.242 | 7.318 | HH | 1128   | 35812  | 0.85%  | 0.027% |
| 54 | 7.333 | 7.318 | 7.378 | HH | 1025   | 24967  | 0.60%  | 0.019% |
| 55 | 7.410 | 7.378 | 7.425 | HH | 1098   | 19500  | 0.47%  | 0.015% |
| 56 | 7.439 | 7.425 | 7.472 | HH | 736    | 17438  | 0.42%  | 0.013% |
| 57 | 7.483 | 7.472 | 7.500 | HH | 596    | 9319   | 0.22%  | 0.007% |
| 58 | 7.522 | 7.500 | 7.532 | HH | 698    | 11923  | 0.28%  | 0.009% |
| 59 | 7.555 | 7.532 | 7.596 | HH | 1593   | 33506  | 0.80%  | 0.025% |
| 60 | 7.608 | 7.596 | 7.642 | HH | 620    | 15044  | 0.36%  | 0.011% |
| 61 | 7.652 | 7.642 | 7.672 | HH | 576    | 8935   | 0.21%  | 0.007% |
| 62 | 7.679 | 7.672 | 7.708 | HH | 577    | 10775  | 0.26%  | 0.008% |
| 63 | 7.734 | 7.708 | 7.778 | HH | 710    | 23705  | 0.57%  | 0.018% |
| 64 | 7.791 | 7.778 | 7.807 | HH | 532    | 8354   | 0.20%  | 0.006% |
| 65 | 7.860 | 7.807 | 7.884 | HH | 787    | 28634  | 0.68%  | 0.021% |
| 66 | 7.923 | 7.884 | 7.935 | HH | 918    | 25239  | 0.60%  | 0.019% |
| 67 | 7.960 | 7.935 | 7.983 | HH | 1488   | 32560  | 0.78%  | 0.024% |
| 68 | 8.015 | 7.983 | 8.061 | HH | 1724   | 52824  | 1.26%  | 0.039% |
| 69 | 8.081 | 8.061 | 8.101 | HH | 1036   | 21244  | 0.51%  | 0.016% |
| 70 | 8.126 | 8.101 | 8.141 | HH | 1124   | 21752  | 0.52%  | 0.016% |
| 71 | 8.178 | 8.141 | 8.220 | HH | 1591   | 55417  | 1.32%  | 0.041% |
| 72 | 8.253 | 8.220 | 8.266 | HH | 2431   | 41433  | 0.99%  | 0.031% |
| 73 | 8.274 | 8.266 | 8.299 | HH | 1791   | 31010  | 0.74%  | 0.023% |
| 74 | 8.310 | 8.299 | 8.354 | HH | 1532   | 44142  | 1.05%  | 0.033% |
| 75 | 8.375 | 8.354 | 8.390 | HH | 3536   | 48184  | 1.15%  | 0.036% |
| 76 | 8.403 | 8.390 | 8.416 | HH | 2930   | 38277  | 0.91%  | 0.028% |
| 77 | 8.431 | 8.416 | 8.465 | HH | 4118   | 73169  | 1.75%  | 0.054% |
| 78 | 8.500 | 8.465 | 8.544 | HH | 88436  | 875036 | 20.87% | 0.651% |
| 79 | 8.565 | 8.544 | 8.596 | HH | 9288   | 151540 | 3.61%  | 0.113% |
| 80 | 8.605 | 8.596 | 8.638 | HH | 2467   | 51028  | 1.22%  | 0.038% |
| 81 | 8.655 | 8.638 | 8.703 | HH | 2220   | 65828  | 1.57%  | 0.049% |
| 82 | 8.724 | 8.703 | 8.775 | HH | 1541   | 60399  | 1.44%  | 0.045% |
| 83 | 8.799 | 8.775 | 8.822 | HH | 1673   | 41945  | 1.00%  | 0.031% |
| 84 | 8.859 | 8.822 | 8.884 | HH | 3278   | 80372  | 1.92%  | 0.060% |
| 85 | 8.902 | 8.884 | 8.916 | HH | 3000   | 46932  | 1.12%  | 0.035% |
| 86 | 8.926 | 8.916 | 8.947 | HH | 2367   | 41485  | 0.99%  | 0.031% |
| 87 | 8.969 | 8.947 | 9.003 | HH | 4640   | 92683  | 2.21%  | 0.069% |
| 88 | 9.020 | 9.003 | 9.035 | HH | 2213   | 37887  | 0.90%  | 0.028% |
| 89 | 9.053 | 9.035 | 9.071 | HH | 2048   | 40776  | 0.97%  | 0.030% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 9.096  | 9.071  | 9.115  | HH | 2990   | 61794   | 1.47%  | 0.046% |
| 91  | 9.137  | 9.115  | 9.155  | HH | 2695   | 55478   | 1.32%  | 0.041% |
| 92  | 9.171  | 9.155  | 9.202  | HH | 2605   | 69758   | 1.66%  | 0.052% |
| 93  | 9.213  | 9.202  | 9.229  | HH | 2615   | 41660   | 0.99%  | 0.031% |
| 94  | 9.256  | 9.229  | 9.288  | HH | 7219   | 139042  | 3.32%  | 0.103% |
| 95  | 9.310  | 9.288  | 9.327  | HH | 4057   | 71505   | 1.71%  | 0.053% |
| 96  | 9.339  | 9.327  | 9.358  | HH | 2749   | 46698   | 1.11%  | 0.035% |
| 97  | 9.372  | 9.358  | 9.397  | HH | 2419   | 53013   | 1.26%  | 0.039% |
| 98  | 9.427  | 9.397  | 9.446  | HH | 4365   | 92182   | 2.20%  | 0.069% |
| 99  | 9.459  | 9.446  | 9.481  | HH | 3450   | 58176   | 1.39%  | 0.043% |
| 100 | 9.493  | 9.481  | 9.502  | HH | 2464   | 30050   | 0.72%  | 0.022% |
| 101 | 9.517  | 9.502  | 9.546  | HH | 3634   | 80799   | 1.93%  | 0.060% |
| 102 | 9.562  | 9.546  | 9.582  | HH | 3661   | 67409   | 1.61%  | 0.050% |
| 103 | 9.650  | 9.582  | 9.693  | HH | 7294   | 273744  | 6.53%  | 0.204% |
| 104 | 9.722  | 9.693  | 9.747  | HH | 4820   | 126809  | 3.02%  | 0.094% |
| 105 | 9.764  | 9.747  | 9.781  | HH | 4344   | 74778   | 1.78%  | 0.056% |
| 106 | 9.797  | 9.781  | 9.809  | HH | 5035   | 70641   | 1.68%  | 0.053% |
| 107 | 9.819  | 9.809  | 9.840  | HH | 4719   | 75051   | 1.79%  | 0.056% |
| 108 | 9.875  | 9.840  | 9.898  | HH | 3834   | 120514  | 2.87%  | 0.090% |
| 109 | 9.917  | 9.898  | 9.939  | HH | 3695   | 82317   | 1.96%  | 0.061% |
| 110 | 9.975  | 9.939  | 10.010 | HH | 5141   | 180516  | 4.31%  | 0.134% |
| 111 | 10.038 | 10.010 | 10.060 | HH | 13152  | 206926  | 4.94%  | 0.154% |
| 112 | 10.075 | 10.060 | 10.094 | HH | 5052   | 91115   | 2.17%  | 0.068% |
| 113 | 10.105 | 10.094 | 10.119 | HH | 4411   | 62793   | 1.50%  | 0.047% |
| 114 | 10.140 | 10.119 | 10.189 | HH | 4425   | 169617  | 4.05%  | 0.126% |
| 115 | 10.224 | 10.189 | 10.297 | HH | 4037   | 250565  | 5.98%  | 0.186% |
| 116 | 10.319 | 10.297 | 10.335 | HH | 4537   | 91029   | 2.17%  | 0.068% |
| 117 | 10.389 | 10.335 | 10.402 | HH | 6159   | 187832  | 4.48%  | 0.140% |
| 118 | 10.429 | 10.402 | 10.462 | HH | 12919  | 272506  | 6.50%  | 0.203% |
| 119 | 10.528 | 10.462 | 10.555 | HH | 7957   | 355670  | 8.48%  | 0.265% |
| 120 | 10.576 | 10.555 | 10.615 | HH | 9578   | 240151  | 5.73%  | 0.179% |
| 121 | 10.655 | 10.615 | 10.684 | HH | 7548   | 256955  | 6.13%  | 0.191% |
| 122 | 10.711 | 10.684 | 10.745 | HH | 7591   | 240458  | 5.74%  | 0.179% |
| 123 | 10.781 | 10.745 | 10.803 | HH | 23536  | 397959  | 9.49%  | 0.296% |
| 124 | 10.823 | 10.803 | 10.831 | HH | 8108   | 126643  | 3.02%  | 0.094% |
| 125 | 10.853 | 10.831 | 10.942 | HH | 20255  | 663816  | 15.83% | 0.494% |
| 126 | 10.959 | 10.942 | 10.976 | HH | 7417   | 142072  | 3.39%  | 0.106% |
| 127 | 10.997 | 10.976 | 11.009 | HH | 7589   | 140919  | 3.36%  | 0.105% |
| 128 | 11.064 | 11.009 | 11.115 | HH | 55378  | 1039001 | 24.78% | 0.773% |
| 129 | 11.144 | 11.115 | 11.164 | HH | 21769  | 432199  | 10.31% | 0.322% |
| 130 | 11.177 | 11.164 | 11.219 | HH | 14597  | 363666  | 8.67%  | 0.271% |
| 131 | 11.238 | 11.219 | 11.255 | HH | 10955  | 203265  | 4.85%  | 0.151% |
| 132 | 11.266 | 11.255 | 11.275 | HH | 8745   | 105061  | 2.51%  | 0.078% |
| 133 | 11.291 | 11.275 | 11.329 | HH | 9954   | 286993  | 6.85%  | 0.214% |
| 134 | 11.373 | 11.329 | 11.390 | HH | 9976   | 339441  | 8.10%  | 0.253% |
| 135 | 11.416 | 11.390 | 11.442 | HH | 10405  | 307948  | 7.35%  | 0.229% |
| 136 | 11.487 | 11.442 | 11.509 | HH | 37703  | 673023  | 16.05% | 0.501% |
| 137 | 11.532 | 11.509 | 11.541 | HH | 11106  | 209706  | 5.00%  | 0.156% |
| 138 | 11.579 | 11.541 | 11.622 | HH | 27732  | 756515  | 18.04% | 0.563% |
| 139 | 11.656 | 11.622 | 11.674 | HH | 11891  | 337553  | 8.05%  | 0.251% |
| 140 | 11.688 | 11.674 | 11.702 | HH | 11128  | 178820  | 4.27%  | 0.133% |
| 141 | 11.726 | 11.702 | 11.738 | HH | 12300  | 255118  | 6.09%  | 0.190% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 142    | 11.754 | 11.738 | 11.765 | HH | 13128 | 198221  | 4.73%  | 0.148% |
| 143    | 11.782 | 11.765 | 11.828 | HH | 14235 | 495619  | 11.82% | 0.369% |
| 144    | 11.872 | 11.828 | 11.887 | HH | 22999 | 563423  | 13.44% | 0.419% |
| 145    | 11.902 | 11.887 | 11.948 | HH | 23413 | 620539  | 14.80% | 0.462% |
| 146    | 11.987 | 11.948 | 12.005 | HH | 24617 | 634265  | 15.13% | 0.472% |
| 147    | 12.021 | 12.005 | 12.035 | HH | 19992 | 318132  | 7.59%  | 0.237% |
| 148    | 12.053 | 12.035 | 12.089 | HH | 23020 | 561807  | 13.40% | 0.418% |
| 149    | 12.161 | 12.089 | 12.195 | HH | 51760 | 1399262 | 33.37% | 1.041% |
| 150    | 12.208 | 12.195 | 12.225 | HH | 16137 | 277662  | 6.62%  | 0.207% |
| 151    | 12.270 | 12.225 | 12.322 | HH | 18068 | 935308  | 22.31% | 0.696% |
| 152    | 12.345 | 12.322 | 12.400 | HH | 18739 | 785688  | 18.74% | 0.585% |
| 153    | 12.436 | 12.400 | 12.459 | HH | 19479 | 616680  | 14.71% | 0.459% |
| 154    | 12.469 | 12.459 | 12.487 | HH | 17848 | 292984  | 6.99%  | 0.218% |
| 155    | 12.501 | 12.487 | 12.516 | HH | 17603 | 299258  | 7.14%  | 0.223% |
| 156    | 12.553 | 12.516 | 12.562 | HH | 19809 | 513144  | 12.24% | 0.382% |
| 157    | 12.577 | 12.562 | 12.610 | HH | 23538 | 571032  | 13.62% | 0.425% |
| 158    | 12.628 | 12.610 | 12.647 | HH | 20976 | 417480  | 9.96%  | 0.311% |
| 159    | 12.667 | 12.647 | 12.679 | HH | 21280 | 379816  | 9.06%  | 0.283% |
| 160    | 12.687 | 12.679 | 12.706 | HH | 20164 | 306159  | 7.30%  | 0.228% |
| 161    | 12.727 | 12.706 | 12.740 | HH | 21931 | 418496  | 9.98%  | 0.311% |
| 162    | 12.745 | 12.740 | 12.758 | HH | 21098 | 219344  | 5.23%  | 0.163% |
| 163    | 12.805 | 12.758 | 12.827 | HH | 69417 | 1437750 | 34.29% | 1.070% |
| 164    | 12.839 | 12.827 | 12.855 | HH | 25005 | 394750  | 9.42%  | 0.294% |
| 165    | 12.869 | 12.855 | 12.877 | HH | 23827 | 301401  | 7.19%  | 0.224% |
| 166    | 12.899 | 12.877 | 12.933 | HH | 86353 | 1409455 | 33.62% | 1.049% |
| 167    | 12.949 | 12.933 | 12.975 | HH | 23185 | 558204  | 13.31% | 0.415% |
| 168    | 12.995 | 12.975 | 13.009 | HH | 21125 | 420904  | 10.04% | 0.313% |
| 169    | 13.052 | 13.009 | 13.072 | HH | 26915 | 896162  | 21.38% | 0.667% |
| 170    | 13.089 | 13.072 | 13.114 | HH | 26465 | 634335  | 15.13% | 0.472% |
| 171    | 13.129 | 13.114 | 13.152 | HH | 25225 | 547740  | 13.06% | 0.408% |
| 172    | 13.168 | 13.152 | 13.179 | HH | 25657 | 397538  | 9.48%  | 0.296% |
| 173    | 13.202 | 13.179 | 13.239 | HH | 90336 | 1566079 | 37.35% | 1.165% |
| 174    | 13.254 | 13.239 | 13.272 | HH | 30100 | 554030  | 13.21% | 0.412% |
| 175    | 13.303 | 13.272 | 13.337 | HH | 36195 | 1174378 | 28.01% | 0.874% |
| 176    | 13.372 | 13.337 | 13.394 | HH | 27394 | 908567  | 21.67% | 0.676% |
| 177    | 13.419 | 13.394 | 13.453 | HH | 63102 | 1302274 | 31.06% | 0.969% |
| 178    | 13.474 | 13.453 | 13.512 | HH | 31487 | 1035440 | 24.70% | 0.771% |
| 179    | 13.527 | 13.512 | 13.546 | HH | 28902 | 580028  | 13.83% | 0.432% |
| 180    | 13.556 | 13.546 | 13.574 | HH | 27166 | 446185  | 10.64% | 0.332% |
| 181    | 13.597 | 13.574 | 13.616 | HH | 28744 | 685643  | 16.35% | 0.510% |
| 182    | 13.655 | 13.616 | 13.686 | HH | 40567 | 1417410 | 33.81% | 1.055% |
| 183    | 13.698 | 13.686 | 13.716 | HH | 33611 | 580160  | 13.84% | 0.432% |
| 184    | 13.731 | 13.716 | 13.754 | HH | 31278 | 702242  | 16.75% | 0.523% |
| 185    | 13.796 | 13.754 | 13.830 | HH | 45056 | 1634522 | 38.99% | 1.216% |
| 186    | 13.850 | 13.830 | 13.876 | HH | 39542 | 947655  | 22.60% | 0.705% |
| 187    | 13.904 | 13.876 | 13.931 | HH | 44038 | 1252856 | 29.88% | 0.932% |
| 188    | 13.945 | 13.931 | 13.985 | HH | 39107 | 1159877 | 27.67% | 0.863% |
| 189    | 14.009 | 13.985 | 14.049 | HH | 79764 | 1819889 | 43.41% | 1.354% |
| 190    | 14.073 | 14.049 | 14.108 | HH | 46317 | 1419646 | 33.86% | 1.056% |
| 191    | 14.117 | 14.108 | 14.139 | HH | 38824 | 684374  | 16.32% | 0.509% |
| 192    | 14.158 | 14.139 | 14.180 | HH | 35549 | 856380  | 20.43% | 0.637% |
| 193    | 14.196 | 14.180 | 14.205 | HH | 35699 | 529226  | 12.62% | 0.394% |
| 194    | 14.241 | 14.205 | 14.270 | HH | 49326 | 1686320 | 40.22% | 1.255% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 14.278 | 14.270 | 14.290 | HH | 40586  | 471636  | 11.25%  | 0.351% |
| 196 | 14.306 | 14.290 | 14.327 | HH | 42262  | 860882  | 20.53%  | 0.641% |
| 197 | 14.343 | 14.327 | 14.358 | HH | 40602  | 730749  | 17.43%  | 0.544% |
| 198 | 14.375 | 14.358 | 14.389 | HH | 41983  | 737010  | 17.58%  | 0.548% |
| 199 | 14.425 | 14.389 | 14.461 | HH | 44914  | 1786455 | 42.61%  | 1.329% |
| 200 | 14.506 | 14.461 | 14.526 | HH | 43927  | 1667394 | 39.77%  | 1.241% |
| 201 | 14.545 | 14.526 | 14.557 | HH | 42912  | 761097  | 18.15%  | 0.566% |
| 202 | 14.576 | 14.557 | 14.615 | HH | 60811  | 1679194 | 40.05%  | 1.250% |
| 203 | 14.640 | 14.615 | 14.667 | HH | 51579  | 1462158 | 34.88%  | 1.088% |
| 204 | 14.674 | 14.667 | 14.686 | HH | 43966  | 516405  | 12.32%  | 0.384% |
| 205 | 14.706 | 14.686 | 14.755 | HH | 46667  | 1781460 | 42.49%  | 1.326% |
| 206 | 14.780 | 14.755 | 14.843 | HH | 58109  | 2574072 | 61.40%  | 1.915% |
| 207 | 14.858 | 14.843 | 14.879 | HH | 48021  | 971168  | 23.16%  | 0.723% |
| 208 | 14.916 | 14.879 | 14.945 | HH | 201511 | 3526494 | 84.11%  | 2.624% |
| 209 | 14.975 | 14.945 | 14.995 | HH | 51096  | 1366328 | 32.59%  | 1.017% |
| 210 | 15.012 | 14.995 | 15.039 | HH | 46682  | 1174068 | 28.00%  | 0.874% |
| 211 | 15.051 | 15.039 | 15.071 | HH | 45281  | 855737  | 20.41%  | 0.637% |
| 212 | 15.097 | 15.071 | 15.109 | HH | 70356  | 1301369 | 31.04%  | 0.968% |
| 213 | 15.119 | 15.109 | 15.127 | HH | 64262  | 649733  | 15.50%  | 0.483% |
| 214 | 15.138 | 15.127 | 15.157 | HH | 68169  | 1093090 | 26.07%  | 0.813% |
| 215 | 15.171 | 15.157 | 15.220 | HH | 51554  | 1768563 | 42.18%  | 1.316% |
| 216 | 15.233 | 15.220 | 15.240 | HH | 43274  | 513192  | 12.24%  | 0.382% |
| 217 | 15.261 | 15.240 | 15.288 | HH | 47306  | 1276423 | 30.44%  | 0.950% |
| 218 | 15.313 | 15.288 | 15.355 | HH | 50142  | 1852614 | 44.19%  | 1.379% |
| 219 | 15.365 | 15.355 | 15.382 | HH | 46256  | 717298  | 17.11%  | 0.534% |
| 220 | 15.394 | 15.382 | 15.414 | HH | 43889  | 849473  | 20.26%  | 0.632% |
| 221 | 15.425 | 15.414 | 15.437 | HH | 43903  | 584027  | 13.93%  | 0.435% |
| 222 | 15.454 | 15.437 | 15.485 | HH | 44920  | 1261315 | 30.08%  | 0.939% |
| 223 | 15.545 | 15.485 | 15.620 | HH | 63664  | 4192559 | 100.00% | 3.120% |
| 224 | 15.640 | 15.620 | 15.678 | HH | 56913  | 1733933 | 41.36%  | 1.290% |
| 225 | 15.690 | 15.678 | 15.714 | HH | 49167  | 996350  | 23.76%  | 0.741% |
| 226 | 15.729 | 15.714 | 15.757 | HH | 44390  | 1089098 | 25.98%  | 0.810% |
| 227 | 15.775 | 15.757 | 15.797 | HH | 46380  | 1042207 | 24.86%  | 0.776% |
| 228 | 15.821 | 15.797 | 15.849 | HH | 46819  | 1336796 | 31.88%  | 0.995% |
| 229 | 15.863 | 15.849 | 15.895 | HH | 43226  | 1177187 | 28.08%  | 0.876% |
| 230 | 15.946 | 15.895 | 15.984 | HH | 48052  | 2337505 | 55.75%  | 1.739% |
| 231 | 16.013 | 15.984 | 16.055 | HH | 44053  | 1775617 | 42.35%  | 1.321% |
| 232 | 16.075 | 16.055 | 16.090 | HH | 41967  | 851788  | 20.32%  | 0.634% |
| 233 | 16.108 | 16.090 | 16.121 | HH | 41305  | 770718  | 18.38%  | 0.574% |
| 234 | 16.144 | 16.121 | 16.166 | HH | 56585  | 1247613 | 29.76%  | 0.928% |
| 235 | 16.188 | 16.166 | 16.235 | HH | 44391  | 1735962 | 41.41%  | 1.292% |
| 236 | 16.244 | 16.235 | 16.287 | HH | 39174  | 1187959 | 28.33%  | 0.884% |
| 237 | 16.315 | 16.287 | 16.339 | HH | 42004  | 1245246 | 29.70%  | 0.927% |
| 238 | 16.372 | 16.339 | 16.407 | HH | 41264  | 1613200 | 38.48%  | 1.200% |
| 239 | 16.461 | 16.407 | 16.495 | HH | 44674  | 2168793 | 51.73%  | 1.614% |
| 240 | 16.505 | 16.495 | 16.517 | HH | 40713  | 542986  | 12.95%  | 0.404% |
| 241 | 16.530 | 16.517 | 16.551 | HH | 41167  | 808938  | 19.29%  | 0.602% |
| 242 | 16.586 | 16.551 | 16.609 | HH | 43759  | 1439275 | 34.33%  | 1.071% |
| 243 | 16.629 | 16.609 | 16.650 | HH | 60458  | 1208282 | 28.82%  | 0.899% |
| 244 | 16.673 | 16.650 | 16.692 | HH | 63259  | 1302902 | 31.08%  | 0.970% |
| 245 | 16.702 | 16.692 | 16.741 | HH | 48333  | 1266271 | 30.20%  | 0.942% |
| 246 | 16.768 | 16.741 | 16.782 | HH | 47032  | 1043329 | 24.89%  | 0.776% |

|     |        |        |        |     |       |                         |           |        |
|-----|--------|--------|--------|-----|-------|-------------------------|-----------|--------|
|     |        |        |        |     |       | rteres                  |           |        |
| 247 | 16.805 | 16.782 | 16.825 | HH  | 45635 | 1121933                 | 26.76%    | 0.835% |
| 248 | 16.846 | 16.825 | 16.891 | HH  | 41501 | 1608591                 | 38.37%    | 1.197% |
| 249 | 16.950 | 16.891 | 16.979 | HH  | 45452 | 2153889                 | 51.37%    | 1.603% |
| 250 | 16.998 | 16.979 | 17.035 | HH  | 53376 | 1494668                 | 35.65%    | 1.112% |
| 251 | 17.060 | 17.035 | 17.077 | HH  | 57888 | 1193906                 | 28.48%    | 0.888% |
| 252 | 17.098 | 17.077 | 17.124 | HH  | 92252 | 1725920                 | 41.17%    | 1.284% |
| 253 | 17.147 | 17.124 | 17.182 | HHA | 52410 | 1621297                 | 38.67%    | 1.206% |
|     |        |        |        |     |       | Sum of corrected areas: | 134382345 |        |

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