

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041719\  
 Data File : FE029900.D  
 Signal(s) : FID1B.CH  
 Acq On : 17 Apr 2019 21:29  
 Sample : K2197-05MS 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE041019.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         | 4.377       | 4.345        | 4.469      | BH       | 38294          | 373857       | 5.97%          | 0.388%        |
| 2         | 4.480       | 4.469        | 4.509      | HH       | 299            | 4389         | 0.07%          | 0.005%        |
| 3         | 4.545       | 4.509        | 4.613      | PH       | 324            | 11515        | 0.18%          | 0.012%        |
| 4         | 4.626       | 4.613        | 4.642      | HH       | 335            | 3809         | 0.06%          | 0.004%        |
| 5         | 4.657       | 4.642        | 4.675      | HH       | 329            | 4829         | 0.08%          | 0.005%        |
| 6         | 4.688       | 4.675        | 4.735      | HH       | 259            | 5848         | 0.09%          | 0.006%        |
| 7         | 4.744       | 4.735        | 4.759      | HH       | 221            | 1707         | 0.03%          | 0.002%        |
| 8         | 4.773       | 4.759        | 4.809      | PH       | 310            | 4424         | 0.07%          | 0.005%        |
| 9         | 4.839       | 4.809        | 4.902      | PH       | 873            | 16491        | 0.26%          | 0.017%        |
| 10        | 4.915       | 4.902        | 4.945      | PH       | 162            | 1123         | 0.02%          | 0.001%        |
| 11        | 4.976       | 4.945        | 5.001      | PH       | 206            | 519          | 0.01%          | 0.001%        |
| 12        | 5.021       | 5.001        | 5.032      | PH       | 245            | 2134         | 0.03%          | 0.002%        |
| 13        | 5.049       | 5.032        | 5.064      | HH       | 405            | 5077         | 0.08%          | 0.005%        |
| 14        | 5.076       | 5.064        | 5.092      | HH       | 440            | 5754         | 0.09%          | 0.006%        |
| 15        | 5.110       | 5.092        | 5.154      | HH       | 653            | 10837        | 0.17%          | 0.011%        |
| 16        | 5.166       | 5.154        | 5.189      | HH       | 187            | 2447         | 0.04%          | 0.003%        |
| 17        | 5.202       | 5.189        | 5.248      | PH       | 444            | 7030         | 0.11%          | 0.007%        |
| 18        | 5.273       | 5.248        | 5.281      | HH       | 382            | 5142         | 0.08%          | 0.005%        |
| 19        | 5.298       | 5.281        | 5.332      | HH       | 638            | 11248        | 0.18%          | 0.012%        |
| 20        | 5.351       | 5.332        | 5.379      | HH       | 323            | 5714         | 0.09%          | 0.006%        |
| 21        | 5.425       | 5.379        | 5.510      | HH       | 1933           | 51303        | 0.82%          | 0.053%        |
| 22        | 5.526       | 5.510        | 5.564      | HH       | 278            | 5806         | 0.09%          | 0.006%        |
| 23        | 5.583       | 5.564        | 5.599      | HH       | 996            | 11281        | 0.18%          | 0.012%        |
| 24        | 5.612       | 5.599        | 5.645      | HH       | 453            | 11423        | 0.18%          | 0.012%        |
| 25        | 5.658       | 5.645        | 5.672      | HH       | 620            | 7263         | 0.12%          | 0.008%        |
| 26        | 5.697       | 5.672        | 5.733      | HH       | 2025           | 40474        | 0.65%          | 0.042%        |
| 27        | 5.748       | 5.733        | 5.769      | HH       | 1125           | 15342        | 0.25%          | 0.016%        |
| 28        | 5.791       | 5.769        | 5.829      | HH       | 1816           | 33585        | 0.54%          | 0.035%        |
| 29        | 5.863       | 5.829        | 5.889      | HH       | 1026           | 25380        | 0.41%          | 0.026%        |
| 30        | 5.912       | 5.889        | 5.939      | HH       | 1000           | 24340        | 0.39%          | 0.025%        |
| 31        | 5.952       | 5.939        | 5.978      | HH       | 800            | 15066        | 0.24%          | 0.016%        |
| 32        | 5.998       | 5.978        | 6.022      | HH       | 1365           | 21284        | 0.34%          | 0.022%        |
| 33        | 6.045       | 6.022        | 6.072      | HH       | 1040           | 20784        | 0.33%          | 0.022%        |
| 34        | 6.102       | 6.072        | 6.119      | HH       | 2409           | 43991        | 0.70%          | 0.046%        |
| 35        | 6.132       | 6.119        | 6.159      | HH       | 1470           | 25607        | 0.41%          | 0.027%        |
| 36        | 6.176       | 6.159        | 6.201      | HH       | 1566           | 29071        | 0.46%          | 0.030%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 6.217 | 6.201 | 6.242 | HH | 1372   | 24579  | 0.39% | 0.025% |
| 38 | 6.262 | 6.242 | 6.288 | HH | 857    | 19053  | 0.30% | 0.020% |
| 39 | 6.331 | 6.288 | 6.358 | HH | 1726   | 47926  | 0.77% | 0.050% |
| 40 | 6.382 | 6.358 | 6.453 | HH | 46634  | 477810 | 7.63% | 0.496% |
| 41 | 6.470 | 6.453 | 6.488 | HH | 1282   | 21409  | 0.34% | 0.022% |
| 42 | 6.529 | 6.488 | 6.565 | HH | 2218   | 66396  | 1.06% | 0.069% |
| 43 | 6.587 | 6.565 | 6.619 | HH | 1359   | 36205  | 0.58% | 0.038% |
| 44 | 6.639 | 6.619 | 6.651 | HH | 1358   | 23047  | 0.37% | 0.024% |
| 45 | 6.669 | 6.651 | 6.689 | HH | 2311   | 36462  | 0.58% | 0.038% |
| 46 | 6.703 | 6.689 | 6.724 | HH | 1424   | 26504  | 0.42% | 0.027% |
| 47 | 6.737 | 6.724 | 6.751 | HH | 1422   | 18309  | 0.29% | 0.019% |
| 48 | 6.790 | 6.751 | 6.816 | HH | 4391   | 84262  | 1.35% | 0.087% |
| 49 | 6.825 | 6.816 | 6.850 | HH | 1719   | 28990  | 0.46% | 0.030% |
| 50 | 6.902 | 6.850 | 6.922 | HH | 2241   | 73397  | 1.17% | 0.076% |
| 51 | 6.945 | 6.922 | 6.972 | HH | 2548   | 57996  | 0.93% | 0.060% |
| 52 | 6.986 | 6.972 | 7.001 | HH | 1870   | 30079  | 0.48% | 0.031% |
| 53 | 7.018 | 7.001 | 7.066 | HH | 3095   | 83249  | 1.33% | 0.086% |
| 54 | 7.085 | 7.066 | 7.121 | HH | 3069   | 67929  | 1.08% | 0.070% |
| 55 | 7.134 | 7.121 | 7.141 | HH | 1609   | 18616  | 0.30% | 0.019% |
| 56 | 7.159 | 7.141 | 7.198 | HH | 2755   | 71175  | 1.14% | 0.074% |
| 57 | 7.219 | 7.198 | 7.234 | HH | 1571   | 31268  | 0.50% | 0.032% |
| 58 | 7.250 | 7.234 | 7.275 | HH | 1694   | 38149  | 0.61% | 0.040% |
| 59 | 7.306 | 7.275 | 7.335 | HH | 6632   | 130909 | 2.09% | 0.136% |
| 60 | 7.351 | 7.335 | 7.375 | HH | 2404   | 50065  | 0.80% | 0.052% |
| 61 | 7.392 | 7.375 | 7.443 | HH | 2385   | 70712  | 1.13% | 0.073% |
| 62 | 7.482 | 7.443 | 7.525 | HH | 3343   | 102917 | 1.64% | 0.107% |
| 63 | 7.538 | 7.525 | 7.569 | HH | 2329   | 49375  | 0.79% | 0.051% |
| 64 | 7.584 | 7.569 | 7.605 | HH | 1849   | 36915  | 0.59% | 0.038% |
| 65 | 7.624 | 7.605 | 7.657 | HH | 2370   | 62447  | 1.00% | 0.065% |
| 66 | 7.675 | 7.657 | 7.705 | HH | 2319   | 51575  | 0.82% | 0.053% |
| 67 | 7.757 | 7.705 | 7.769 | HH | 2497   | 79177  | 1.26% | 0.082% |
| 68 | 7.780 | 7.769 | 7.797 | HH | 2720   | 38895  | 0.62% | 0.040% |
| 69 | 7.826 | 7.797 | 7.846 | HH | 2521   | 61907  | 0.99% | 0.064% |
| 70 | 7.871 | 7.846 | 7.891 | HH | 3065   | 59187  | 0.95% | 0.061% |
| 71 | 7.915 | 7.891 | 7.926 | HH | 4005   | 61621  | 0.98% | 0.064% |
| 72 | 7.935 | 7.926 | 7.979 | HH | 3761   | 83216  | 1.33% | 0.086% |
| 73 | 7.995 | 7.979 | 8.015 | HH | 3819   | 61914  | 0.99% | 0.064% |
| 74 | 8.045 | 8.015 | 8.069 | HH | 2891   | 80971  | 1.29% | 0.084% |
| 75 | 8.087 | 8.069 | 8.101 | HH | 3012   | 49026  | 0.78% | 0.051% |
| 76 | 8.119 | 8.101 | 8.135 | HH | 4738   | 75822  | 1.21% | 0.079% |
| 77 | 8.175 | 8.135 | 8.206 | HH | 54805  | 615663 | 9.83% | 0.639% |
| 78 | 8.219 | 8.206 | 8.237 | HH | 3589   | 58159  | 0.93% | 0.060% |
| 79 | 8.257 | 8.237 | 8.282 | HH | 11754  | 185733 | 2.97% | 0.193% |
| 80 | 8.305 | 8.282 | 8.378 | HH | 7940   | 279563 | 4.46% | 0.290% |
| 81 | 8.398 | 8.378 | 8.435 | HH | 4414   | 115999 | 1.85% | 0.120% |
| 82 | 8.467 | 8.435 | 8.495 | HH | 2698   | 88171  | 1.41% | 0.091% |
| 83 | 8.503 | 8.495 | 8.515 | HH | 2466   | 27895  | 0.45% | 0.029% |
| 84 | 8.549 | 8.515 | 8.564 | HH | 3122   | 79380  | 1.27% | 0.082% |
| 85 | 8.596 | 8.564 | 8.612 | HH | 5474   | 110740 | 1.77% | 0.115% |
| 86 | 8.621 | 8.612 | 8.643 | HH | 4337   | 68125  | 1.09% | 0.071% |
| 87 | 8.663 | 8.643 | 8.678 | HH | 4074   | 73692  | 1.18% | 0.076% |
| 88 | 8.710 | 8.678 | 8.739 | HH | 6244   | 143735 | 2.30% | 0.149% |
| 89 | 8.763 | 8.739 | 8.776 | HH | 3579   | 69457  | 1.11% | 0.072% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 8.787  | 8.776  | 8.808  | HH | 3302   | 55059  | 0.88%  | 0.057% |
| 91  | 8.839  | 8.808  | 8.848  | HH | 3611   | 76772  | 1.23%  | 0.080% |
| 92  | 8.858  | 8.848  | 8.883  | HH | 3481   | 67556  | 1.08%  | 0.070% |
| 93  | 8.929  | 8.883  | 8.972  | HH | 3855   | 179999 | 2.87%  | 0.187% |
| 94  | 8.998  | 8.972  | 9.033  | HH | 12995  | 218240 | 3.49%  | 0.226% |
| 95  | 9.049  | 9.033  | 9.065  | HH | 4126   | 70427  | 1.12%  | 0.073% |
| 96  | 9.081  | 9.065  | 9.112  | HH | 3858   | 92266  | 1.47%  | 0.096% |
| 97  | 9.158  | 9.112  | 9.185  | HH | 4065   | 143468 | 2.29%  | 0.149% |
| 98  | 9.200  | 9.185  | 9.214  | HH | 3961   | 62980  | 1.01%  | 0.065% |
| 99  | 9.226  | 9.214  | 9.245  | HH | 3716   | 63019  | 1.01%  | 0.065% |
| 100 | 9.294  | 9.245  | 9.319  | HH | 4197   | 166919 | 2.67%  | 0.173% |
| 101 | 9.333  | 9.319  | 9.342  | HH | 3742   | 50414  | 0.81%  | 0.052% |
| 102 | 9.392  | 9.342  | 9.432  | HH | 6748   | 274935 | 4.39%  | 0.285% |
| 103 | 9.457  | 9.432  | 9.482  | HH | 5716   | 135832 | 2.17%  | 0.141% |
| 104 | 9.502  | 9.482  | 9.519  | HH | 5002   | 93440  | 1.49%  | 0.097% |
| 105 | 9.533  | 9.519  | 9.542  | HH | 4737   | 61361  | 0.98%  | 0.064% |
| 106 | 9.555  | 9.542  | 9.574  | HH | 5218   | 83924  | 1.34%  | 0.087% |
| 107 | 9.589  | 9.574  | 9.605  | HH | 4054   | 72888  | 1.16%  | 0.076% |
| 108 | 9.611  | 9.605  | 9.645  | HH | 3980   | 86226  | 1.38%  | 0.089% |
| 109 | 9.663  | 9.645  | 9.670  | HH | 3574   | 51922  | 0.83%  | 0.054% |
| 110 | 9.688  | 9.670  | 9.705  | HH | 3763   | 76063  | 1.21%  | 0.079% |
| 111 | 9.729  | 9.705  | 9.755  | HH | 5284   | 133737 | 2.14%  | 0.139% |
| 112 | 9.777  | 9.755  | 9.823  | HH | 60930  | 682346 | 10.90% | 0.708% |
| 113 | 9.853  | 9.823  | 9.868  | HH | 4131   | 102488 | 1.64%  | 0.106% |
| 114 | 9.884  | 9.868  | 9.924  | HH | 3951   | 125160 | 2.00%  | 0.130% |
| 115 | 9.954  | 9.924  | 9.999  | HH | 4092   | 163713 | 2.61%  | 0.170% |
| 116 | 10.008 | 9.999  | 10.032 | HH | 3608   | 67235  | 1.07%  | 0.070% |
| 117 | 10.051 | 10.032 | 10.066 | HH | 3585   | 70872  | 1.13%  | 0.074% |
| 118 | 10.085 | 10.066 | 10.096 | HH | 3576   | 61165  | 0.98%  | 0.063% |
| 119 | 10.123 | 10.096 | 10.138 | HH | 5209   | 107771 | 1.72%  | 0.112% |
| 120 | 10.164 | 10.138 | 10.197 | HH | 8073   | 194352 | 3.10%  | 0.202% |
| 121 | 10.229 | 10.197 | 10.237 | HH | 4640   | 105154 | 1.68%  | 0.109% |
| 122 | 10.255 | 10.237 | 10.288 | HH | 5591   | 150439 | 2.40%  | 0.156% |
| 123 | 10.310 | 10.288 | 10.345 | HH | 6513   | 171827 | 2.74%  | 0.178% |
| 124 | 10.385 | 10.345 | 10.401 | HH | 5248   | 149256 | 2.38%  | 0.155% |
| 125 | 10.413 | 10.401 | 10.427 | HH | 4734   | 73039  | 1.17%  | 0.076% |
| 126 | 10.444 | 10.427 | 10.465 | HH | 4771   | 105093 | 1.68%  | 0.109% |
| 127 | 10.516 | 10.465 | 10.556 | HH | 17653  | 376570 | 6.01%  | 0.391% |
| 128 | 10.586 | 10.556 | 10.682 | HH | 9487   | 439483 | 7.02%  | 0.456% |
| 129 | 10.735 | 10.682 | 10.751 | HH | 4786   | 184323 | 2.94%  | 0.191% |
| 130 | 10.789 | 10.751 | 10.858 | HH | 36217  | 737519 | 11.78% | 0.765% |
| 131 | 10.879 | 10.858 | 10.950 | HH | 11877  | 432558 | 6.91%  | 0.449% |
| 132 | 10.970 | 10.950 | 11.004 | HH | 6131   | 169887 | 2.71%  | 0.176% |
| 133 | 11.022 | 11.004 | 11.062 | HH | 5770   | 170004 | 2.72%  | 0.176% |
| 134 | 11.099 | 11.062 | 11.122 | HH | 5014   | 171580 | 2.74%  | 0.178% |
| 135 | 11.182 | 11.122 | 11.194 | HH | 5984   | 237058 | 3.79%  | 0.246% |
| 136 | 11.219 | 11.194 | 11.257 | HH | 60413  | 732769 | 11.70% | 0.760% |
| 137 | 11.273 | 11.257 | 11.287 | HH | 5891   | 101450 | 1.62%  | 0.105% |
| 138 | 11.311 | 11.287 | 11.365 | HH | 9858   | 319886 | 5.11%  | 0.332% |
| 139 | 11.385 | 11.365 | 11.402 | HH | 5305   | 114494 | 1.83%  | 0.119% |
| 140 | 11.418 | 11.402 | 11.444 | HH | 5553   | 135348 | 2.16%  | 0.140% |
| 141 | 11.464 | 11.444 | 11.495 | HH | 6122   | 175135 | 2.80%  | 0.182% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 11.513 | 11.495 | 11.559 | HH | 6701   | 224592  | 3.59%   | 0.233% |
| 143    | 11.598 | 11.559 | 11.617 | HH | 11501  | 276318  | 4.41%   | 0.287% |
| 144    | 11.633 | 11.617 | 11.684 | HH | 11450  | 323911  | 5.17%   | 0.336% |
| 145    | 11.709 | 11.684 | 11.731 | HH | 16861  | 301581  | 4.82%   | 0.313% |
| 146    | 11.746 | 11.731 | 11.762 | HH | 10656  | 172162  | 2.75%   | 0.179% |
| 147    | 11.782 | 11.762 | 11.845 | HH | 15512  | 430140  | 6.87%   | 0.446% |
| 148    | 11.890 | 11.845 | 11.915 | HH | 18095  | 378360  | 6.04%   | 0.392% |
| 149    | 11.947 | 11.915 | 11.982 | HH | 157673 | 1751248 | 27.97%  | 1.817% |
| 150    | 12.008 | 11.982 | 12.056 | HH | 7960   | 316577  | 5.06%   | 0.328% |
| 151    | 12.079 | 12.056 | 12.119 | HH | 8438   | 282492  | 4.51%   | 0.293% |
| 152    | 12.162 | 12.119 | 12.240 | HH | 59819  | 1140984 | 18.22%  | 1.183% |
| 153    | 12.273 | 12.240 | 12.289 | HH | 8636   | 227318  | 3.63%   | 0.236% |
| 154    | 12.301 | 12.289 | 12.328 | HH | 8381   | 178088  | 2.84%   | 0.185% |
| 155    | 12.354 | 12.328 | 12.371 | HH | 8303   | 200922  | 3.21%   | 0.208% |
| 156    | 12.392 | 12.371 | 12.404 | HH | 8951   | 160954  | 2.57%   | 0.167% |
| 157    | 12.415 | 12.404 | 12.441 | HH | 9075   | 178949  | 2.86%   | 0.186% |
| 158    | 12.463 | 12.441 | 12.471 | HH | 7723   | 136318  | 2.18%   | 0.141% |
| 159    | 12.497 | 12.471 | 12.511 | HH | 14887  | 264937  | 4.23%   | 0.275% |
| 160    | 12.531 | 12.511 | 12.574 | HH | 63928  | 890957  | 14.23%  | 0.924% |
| 161    | 12.614 | 12.574 | 12.696 | HH | 60802  | 1273260 | 20.34%  | 1.321% |
| 162    | 12.716 | 12.696 | 12.726 | HH | 8482   | 145587  | 2.33%   | 0.151% |
| 163    | 12.735 | 12.726 | 12.751 | HH | 8499   | 125941  | 2.01%   | 0.131% |
| 164    | 12.774 | 12.751 | 12.792 | HH | 11249  | 242130  | 3.87%   | 0.251% |
| 165    | 12.808 | 12.792 | 12.882 | HH | 11281  | 534337  | 8.53%   | 0.554% |
| 166    | 12.912 | 12.882 | 12.941 | HH | 61477  | 948912  | 15.15%  | 0.984% |
| 167    | 12.973 | 12.941 | 13.005 | HH | 495533 | 6261398 | 100.00% | 6.495% |
| 168    | 13.031 | 13.005 | 13.050 | HH | 544935 | 5716648 | 91.30%  | 5.930% |
| 169    | 13.059 | 13.050 | 13.101 | HH | 43965  | 680851  | 10.87%  | 0.706% |
| 170    | 13.116 | 13.101 | 13.125 | HH | 11073  | 161154  | 2.57%   | 0.167% |
| 171    | 13.145 | 13.125 | 13.161 | HH | 20962  | 318868  | 5.09%   | 0.331% |
| 172    | 13.180 | 13.161 | 13.187 | HH | 39758  | 433885  | 6.93%   | 0.450% |
| 173    | 13.202 | 13.187 | 13.218 | HH | 81533  | 959583  | 15.33%  | 0.995% |
| 174    | 13.231 | 13.218 | 13.323 | HH | 60539  | 1425687 | 22.77%  | 1.479% |
| 175    | 13.336 | 13.323 | 13.349 | HH | 12366  | 185252  | 2.96%   | 0.192% |
| 176    | 13.393 | 13.349 | 13.441 | HH | 37835  | 1010675 | 16.14%  | 1.048% |
| 177    | 13.451 | 13.441 | 13.461 | HH | 12359  | 145023  | 2.32%   | 0.150% |
| 178    | 13.519 | 13.461 | 13.562 | HH | 21023  | 969746  | 15.49%  | 1.006% |
| 179    | 13.574 | 13.562 | 13.593 | HH | 13403  | 235164  | 3.76%   | 0.244% |
| 180    | 13.627 | 13.593 | 13.649 | HH | 19268  | 502615  | 8.03%   | 0.521% |
| 181    | 13.668 | 13.649 | 13.708 | HH | 18844  | 589791  | 9.42%   | 0.612% |
| 182    | 13.732 | 13.708 | 13.757 | HH | 63997  | 916491  | 14.64%  | 0.951% |
| 183    | 13.790 | 13.757 | 13.818 | HH | 21122  | 608645  | 9.72%   | 0.631% |
| 184    | 13.839 | 13.818 | 13.924 | HH | 18269  | 944397  | 15.08%  | 0.980% |
| 185    | 13.960 | 13.924 | 13.982 | HH | 16098  | 518053  | 8.27%   | 0.537% |
| 186    | 13.995 | 13.982 | 14.009 | HH | 16151  | 253039  | 4.04%   | 0.262% |
| 187    | 14.026 | 14.009 | 14.037 | HH | 18228  | 270490  | 4.32%   | 0.281% |
| 188    | 14.046 | 14.037 | 14.072 | HH | 17577  | 332617  | 5.31%   | 0.345% |
| 189    | 14.113 | 14.072 | 14.130 | HH | 21121  | 584917  | 9.34%   | 0.607% |
| 190    | 14.141 | 14.130 | 14.169 | HH | 18064  | 385691  | 6.16%   | 0.400% |
| 191    | 14.188 | 14.169 | 14.202 | HH | 22723  | 383783  | 6.13%   | 0.398% |
| 192    | 14.238 | 14.202 | 14.275 | HH | 27050  | 898943  | 14.36%  | 0.932% |
| 193    | 14.298 | 14.275 | 14.323 | HH | 27530  | 629874  | 10.06%  | 0.653% |
| 194    | 14.355 | 14.323 | 14.405 | HH | 27478  | 1015674 | 16.22%  | 1.054% |

|     |        |        |                         |    |       |         |          |        |
|-----|--------|--------|-------------------------|----|-------|---------|----------|--------|
|     |        |        |                         |    | rters |         |          |        |
| 195 | 14.450 | 14.405 | 14.469                  | HH | 19982 | 717481  | 11.46%   | 0.744% |
| 196 | 14.500 | 14.469 | 14.522                  | HH | 21835 | 639411  | 10.21%   | 0.663% |
| 197 | 14.538 | 14.522 | 14.557                  | HH | 19425 | 398718  | 6.37%    | 0.414% |
| 198 | 14.571 | 14.557 | 14.597                  | HH | 18726 | 426700  | 6.81%    | 0.443% |
| 199 | 14.633 | 14.597 | 14.671                  | HH | 47720 | 1132919 | 18.09%   | 1.175% |
| 200 | 14.698 | 14.671 | 14.729                  | HH | 19546 | 640265  | 10.23%   | 0.664% |
| 201 | 14.739 | 14.729 | 14.749                  | HH | 17656 | 204270  | 3.26%    | 0.212% |
| 202 | 14.812 | 14.749 | 14.821                  | HH | 42336 | 1062411 | 16.97%   | 1.102% |
| 203 | 14.839 | 14.821 | 14.922                  | HH | 67378 | 2028317 | 32.39%   | 2.104% |
| 204 | 14.942 | 14.922 | 14.952                  | HH | 20772 | 369743  | 5.91%    | 0.384% |
| 205 | 14.974 | 14.952 | 15.009                  | HH | 23534 | 715428  | 11.43%   | 0.742% |
| 206 | 15.033 | 15.009 | 15.071                  | HH | 22157 | 786130  | 12.56%   | 0.815% |
| 207 | 15.081 | 15.071 | 15.098                  | HH | 20285 | 327765  | 5.23%    | 0.340% |
| 208 | 15.174 | 15.098 | 15.203                  | HH | 23562 | 1358655 | 21.70%   | 1.409% |
| 209 | 15.226 | 15.203 | 15.332                  | HH | 36079 | 1906422 | 30.45%   | 1.977% |
| 210 | 15.357 | 15.332 | 15.376                  | HH | 30017 | 660344  | 10.55%   | 0.685% |
| 211 | 15.420 | 15.376 | 15.465                  | HH | 30842 | 1288838 | 20.58%   | 1.337% |
| 212 | 15.492 | 15.465 | 15.519                  | HH | 30371 | 823796  | 13.16%   | 0.854% |
| 213 | 15.535 | 15.519 | 15.567                  | HH | 25985 | 701993  | 11.21%   | 0.728% |
| 214 | 15.593 | 15.567 | 15.609                  | HH | 26517 | 620903  | 9.92%    | 0.644% |
| 215 | 15.635 | 15.609 | 15.646                  | HH | 27024 | 582280  | 9.30%    | 0.604% |
| 216 | 15.662 | 15.646 | 15.699                  | HH | 27852 | 831747  | 13.28%   | 0.863% |
| 217 | 15.718 | 15.699 | 15.729                  | HH | 25413 | 450971  | 7.20%    | 0.468% |
| 218 | 15.748 | 15.729 | 15.758                  | HH | 25491 | 446588  | 7.13%    | 0.463% |
| 219 | 15.768 | 15.758 | 15.801                  | HH | 25798 | 651928  | 10.41%   | 0.676% |
| 220 | 15.862 | 15.801 | 15.894                  | HH | 71206 | 1965855 | 31.40%   | 2.039% |
| 221 | 15.938 | 15.894 | 15.972                  | HH | 28735 | 1313708 | 20.98%   | 1.363% |
| 222 | 15.988 | 15.972 | 15.998                  | HH | 28333 | 440045  | 7.03%    | 0.456% |
| 223 | 16.043 | 15.998 | 16.061                  | HH | 31469 | 1121296 | 17.91%   | 1.163% |
| 224 | 16.086 | 16.061 | 16.112                  | HH | 32477 | 963241  | 15.38%   | 0.999% |
| 225 | 16.157 | 16.112 | 16.177                  | HH | 37415 | 1314498 | 20.99%   | 1.363% |
| 226 | 16.195 | 16.177 | 16.224                  | HH | 34658 | 940021  | 15.01%   | 0.975% |
| 227 | 16.245 | 16.224 | 16.265                  | HH | 36150 | 870824  | 13.91%   | 0.903% |
| 228 | 16.275 | 16.265 | 16.295                  | HH | 34690 | 613860  | 9.80%    | 0.637% |
| 229 | 16.301 | 16.295 | 16.322                  | HH | 34653 | 547559  | 8.74%    | 0.568% |
| 230 | 16.345 | 16.322 | 16.366                  | HH | 46134 | 1037784 | 16.57%   | 1.076% |
| 231 | 16.388 | 16.366 | 16.412                  | HH | 60680 | 1316230 | 21.02%   | 1.365% |
| 232 | 16.421 | 16.412 | 16.455                  | HH | 45578 | 1053321 | 16.82%   | 1.093% |
| 233 | 16.476 | 16.455 | 16.488                  | HH | 37457 | 727202  | 11.61%   | 0.754% |
| 234 | 16.501 | 16.488 | 16.514                  | HH | 37252 | 562836  | 8.99%    | 0.584% |
| 235 | 16.531 | 16.514 | 16.594                  | HH | 40510 | 1831718 | 29.25%   | 1.900% |
| 236 | 16.605 | 16.594 | 16.621                  | HH | 36410 | 577989  | 9.23%    | 0.600% |
| 237 | 16.643 | 16.621 | 16.654                  | HH | 40494 | 747346  | 11.94%   | 0.775% |
| 238 | 16.671 | 16.654 | 16.687                  | HH | 43752 | 841273  | 13.44%   | 0.873% |
| 239 | 16.711 | 16.687 | 16.756                  | HH | 63944 | 1888263 | 30.16%   | 1.959% |
| 240 | 16.779 | 16.756 | 16.794                  | HH | 61618 | 1150530 | 18.37%   | 1.193% |
| 241 | 16.813 | 16.794 | 16.844                  | HH | 90550 | 1845351 | 29.47%   | 1.914% |
|     |        |        | Sum of corrected areas: |    |       |         | 96407785 |        |