

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120120\  
 Data File : FE033197.D  
 Signal(s) : FID1B.CH  
 Acq On : 01 Dec 2020 17:07  
 Sample : L4910-05 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE113020.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         | 4.352       | 4.322        | 4.372      | BH       | 1332           | 13431        | 0.17%          | 0.006%        |
| 2         | 4.382       | 4.372        | 4.401      | PH       | -61            | -4244        | -0.05%         | -0.002%       |
| 3         | 4.432       | 4.401        | 4.454      | PH       | 24             | -8186        | -0.10%         | -0.004%       |
| 4         | 4.459       | 4.454        | 4.472      | PH       | -603           | -7899        | -0.10%         | -0.003%       |
| 5         | 4.511       | 4.472        | 4.529      | PH       | 1917           | 18445        | 0.23%          | 0.008%        |
| 6         | 4.541       | 4.529        | 4.555      | HH       | 1611           | 18961        | 0.24%          | 0.008%        |
| 7         | 4.568       | 4.555        | 4.583      | HH       | 1771           | 16809        | 0.21%          | 0.007%        |
| 8         | 4.598       | 4.583        | 4.615      | PH       | 4446           | 39585        | 0.50%          | 0.017%        |
| 9         | 4.627       | 4.615        | 4.639      | HH       | 1085           | 8741         | 0.11%          | 0.004%        |
| 10        | 4.652       | 4.639        | 4.698      | HH       | 562            | -6940        | -0.09%         | -0.003%       |
| 11        | 4.716       | 4.698        | 4.732      | PH       | -370           | -14627       | -0.19%         | -0.006%       |
| 12        | 4.757       | 4.732        | 4.792      | PH       | 568            | -19023       | -0.24%         | -0.008%       |
| 13        | 4.813       | 4.792        | 4.842      | PH       | 2970           | 11998        | 0.15%          | 0.005%        |
| 14        | 4.858       | 4.842        | 4.874      | PH       | -586           | -14242       | -0.18%         | -0.006%       |
| 15        | 4.889       | 4.874        | 4.916      | PH       | -714           | -23705       | -0.30%         | -0.010%       |
| 16        | 4.922       | 4.916        | 4.924      | PH       | -1282          | -6217        | -0.08%         | -0.003%       |
| 17        | 4.955       | 4.924        | 4.959      | PH       | -233           | -15223       | -0.19%         | -0.007%       |
| 18        | 4.963       | 4.959        | 4.975      | PH       | -191           | -3350        | -0.04%         | -0.001%       |
| 19        | 4.986       | 4.975        | 5.007      | PH       | -194           | -12408       | -0.16%         | -0.005%       |
| 20        | 5.026       | 5.007        | 5.044      | PH       | 773            | -1240        | -0.02%         | -0.001%       |
| 21        | 5.055       | 5.044        | 5.065      | PH       | 93             | -2849        | -0.04%         | -0.001%       |
| 22        | 5.081       | 5.065        | 5.116      | PH       | 636            | -4486        | -0.06%         | -0.002%       |
| 23        | 5.137       | 5.116        | 5.161      | PH       | -660           | -23835       | -0.30%         | -0.010%       |
| 24        | 5.178       | 5.161        | 5.192      | PH       | 111            | -7882        | -0.10%         | -0.003%       |
| 25        | 5.214       | 5.192        | 5.223      | PH       | -252           | -8275        | -0.10%         | -0.004%       |
| 26        | 5.237       | 5.223        | 5.246      | PH       | 67             | -1200        | -0.02%         | -0.001%       |
| 27        | 5.264       | 5.246        | 5.282      | PH       | 380            | -460         | -0.01%         | -0.000%       |
| 28        | 5.297       | 5.282        | 5.314      | PH       | 73             | -3914        | -0.05%         | -0.002%       |
| 29        | 5.330       | 5.314        | 5.345      | PH       | -321           | -9324        | -0.12%         | -0.004%       |
| 30        | 5.355       | 5.345        | 5.359      | PH       | -697           | -6213        | -0.08%         | -0.003%       |
| 31        | 5.380       | 5.359        | 5.386      | PH       | 1430           | 7879         | 0.10%          | 0.003%        |
| 32        | 5.396       | 5.386        | 5.428      | HH       | 2201           | 16911        | 0.21%          | 0.007%        |
| 33        | 5.446       | 5.428        | 5.452      | PH       | -405           | -6904        | -0.09%         | -0.003%       |
| 34        | 5.464       | 5.452        | 5.480      | PH       | -235           | -6803        | -0.09%         | -0.003%       |
| 35        | 5.499       | 5.480        | 5.524      | PH       | -128           | -9655        | -0.12%         | -0.004%       |
| 36        | 5.555       | 5.524        | 5.596      | PH       | 4455           | 48388        | 0.61%          | 0.021%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 5.618 | 5.596 | 5.642 | PH | 112    | -4002  | -0.05% | -0.002% |
| 38 | 5.664 | 5.642 | 5.700 | PH | 1958   | 21542  | 0.27%  | 0.009%  |
| 39 | 5.721 | 5.700 | 5.733 | PH | -80    | -8520  | -0.11% | -0.004% |
| 40 | 5.741 | 5.733 | 5.746 | PH | -414   | -3398  | -0.04% | -0.001% |
| 41 | 5.751 | 5.746 | 5.755 | PH | -356   | -2342  | -0.03% | -0.001% |
| 42 | 5.771 | 5.755 | 5.804 | PH | 398    | -8656  | -0.11% | -0.004% |
| 43 | 5.827 | 5.804 | 5.857 | PH | 1144   | 786    | 0.01%  | 0.000%  |
| 44 | 5.881 | 5.857 | 5.907 | PH | 594    | 30     | 0.00%  | 0.000%  |
| 45 | 5.943 | 5.907 | 5.999 | PH | 10342  | 255632 | 3.23%  | 0.112%  |
| 46 | 6.015 | 5.999 | 6.046 | HH | 3930   | 73128  | 0.93%  | 0.032%  |
| 47 | 6.071 | 6.046 | 6.127 | HH | 7279   | 125089 | 1.58%  | 0.055%  |
| 48 | 6.144 | 6.127 | 6.179 | HH | 2459   | 43377  | 0.55%  | 0.019%  |
| 49 | 6.186 | 6.179 | 6.214 | HH | 736    | 10535  | 0.13%  | 0.005%  |
| 50 | 6.231 | 6.214 | 6.245 | HH | 928    | 10219  | 0.13%  | 0.004%  |
| 51 | 6.266 | 6.245 | 6.294 | HH | 2279   | 37420  | 0.47%  | 0.016%  |
| 52 | 6.303 | 6.294 | 6.310 | HH | 887    | 6905   | 0.09%  | 0.003%  |
| 53 | 6.323 | 6.310 | 6.336 | HH | 990    | 11250  | 0.14%  | 0.005%  |
| 54 | 6.354 | 6.336 | 6.419 | HH | 3995   | 60712  | 0.77%  | 0.027%  |
| 55 | 6.444 | 6.419 | 6.458 | HH | 1189   | 16365  | 0.21%  | 0.007%  |
| 56 | 6.461 | 6.458 | 6.470 | HH | 963    | 6586   | 0.08%  | 0.003%  |
| 57 | 6.500 | 6.470 | 6.525 | HH | 7559   | 98723  | 1.25%  | 0.043%  |
| 58 | 6.539 | 6.525 | 6.561 | HH | 1741   | 27492  | 0.35%  | 0.012%  |
| 59 | 6.569 | 6.561 | 6.597 | HH | 849    | 13105  | 0.17%  | 0.006%  |
| 60 | 6.609 | 6.597 | 6.615 | HH | 700    | 6335   | 0.08%  | 0.003%  |
| 61 | 6.621 | 6.615 | 6.626 | HH | 708    | 4177   | 0.05%  | 0.002%  |
| 62 | 6.647 | 6.626 | 6.657 | HH | 2135   | 26470  | 0.33%  | 0.012%  |
| 63 | 6.670 | 6.657 | 6.696 | HH | 2663   | 35534  | 0.45%  | 0.016%  |
| 64 | 6.709 | 6.696 | 6.721 | HH | 539    | 5276   | 0.07%  | 0.002%  |
| 65 | 6.736 | 6.721 | 6.762 | HH | 1122   | 15917  | 0.20%  | 0.007%  |
| 66 | 6.780 | 6.762 | 6.787 | HH | 511    | 6424   | 0.08%  | 0.003%  |
| 67 | 6.808 | 6.787 | 6.826 | HH | 781    | 14806  | 0.19%  | 0.007%  |
| 68 | 6.870 | 6.826 | 6.885 | HH | 1939   | 44263  | 0.56%  | 0.019%  |
| 69 | 6.908 | 6.885 | 6.933 | HH | 1983   | 39506  | 0.50%  | 0.017%  |
| 70 | 6.953 | 6.933 | 6.971 | HH | 1904   | 32158  | 0.41%  | 0.014%  |
| 71 | 7.006 | 6.971 | 7.028 | HH | 5054   | 108390 | 1.37%  | 0.048%  |
| 72 | 7.050 | 7.028 | 7.089 | HH | 12447  | 197797 | 2.50%  | 0.087%  |
| 73 | 7.126 | 7.089 | 7.205 | HH | 5665   | 203813 | 2.58%  | 0.090%  |
| 74 | 7.222 | 7.205 | 7.245 | HH | 3100   | 51391  | 0.65%  | 0.023%  |
| 75 | 7.275 | 7.245 | 7.304 | HH | 7374   | 128860 | 1.63%  | 0.057%  |
| 76 | 7.321 | 7.304 | 7.339 | HH | 2382   | 38854  | 0.49%  | 0.017%  |
| 77 | 7.361 | 7.339 | 7.379 | HH | 2090   | 40879  | 0.52%  | 0.018%  |
| 78 | 7.398 | 7.379 | 7.421 | HH | 2244   | 41243  | 0.52%  | 0.018%  |
| 79 | 7.446 | 7.421 | 7.474 | HH | 2940   | 60461  | 0.77%  | 0.027%  |
| 80 | 7.499 | 7.474 | 7.509 | HH | 1235   | 23719  | 0.30%  | 0.010%  |
| 81 | 7.531 | 7.509 | 7.536 | HH | 1363   | 19707  | 0.25%  | 0.009%  |
| 82 | 7.558 | 7.536 | 7.595 | HH | 2878   | 63724  | 0.81%  | 0.028%  |
| 83 | 7.611 | 7.595 | 7.629 | HH | 2450   | 35016  | 0.44%  | 0.015%  |
| 84 | 7.646 | 7.629 | 7.662 | HH | 1349   | 23658  | 0.30%  | 0.010%  |
| 85 | 7.699 | 7.662 | 7.714 | HH | 2888   | 60326  | 0.76%  | 0.027%  |
| 86 | 7.728 | 7.714 | 7.737 | HH | 3386   | 40195  | 0.51%  | 0.018%  |
| 87 | 7.752 | 7.737 | 7.779 | HH | 4011   | 76913  | 0.97%  | 0.034%  |
| 88 | 7.793 | 7.779 | 7.809 | HH | 2613   | 41793  | 0.53%  | 0.018%  |
| 89 | 7.840 | 7.809 | 7.859 | HH | 4221   | 87561  | 1.11%  | 0.039%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.895  | 7.859  | 7.935  | HH | 3966   | 131319 | 1.66% | 0.058% |
| 91  | 7.964  | 7.935  | 8.041  | HH | 7570   | 246528 | 3.12% | 0.108% |
| 92  | 8.055  | 8.041  | 8.062  | HH | 3124   | 37681  | 0.48% | 0.017% |
| 93  | 8.083  | 8.062  | 8.098  | HH | 7961   | 122932 | 1.56% | 0.054% |
| 94  | 8.116  | 8.098  | 8.128  | HH | 10276  | 148810 | 1.88% | 0.065% |
| 95  | 8.142  | 8.128  | 8.172  | HH | 12876  | 207287 | 2.62% | 0.091% |
| 96  | 8.186  | 8.172  | 8.198  | HH | 4143   | 56952  | 0.72% | 0.025% |
| 97  | 8.217  | 8.198  | 8.283  | HH | 38228  | 742783 | 9.40% | 0.327% |
| 98  | 8.296  | 8.283  | 8.336  | HH | 8165   | 168805 | 2.14% | 0.074% |
| 99  | 8.355  | 8.336  | 8.376  | HH | 4149   | 87689  | 1.11% | 0.039% |
| 100 | 8.395  | 8.376  | 8.455  | HH | 4128   | 146142 | 1.85% | 0.064% |
| 101 | 8.501  | 8.455  | 8.531  | HH | 4051   | 129446 | 1.64% | 0.057% |
| 102 | 8.556  | 8.531  | 8.604  | HH | 19561  | 388112 | 4.91% | 0.171% |
| 103 | 8.628  | 8.604  | 8.658  | HH | 7289   | 195066 | 2.47% | 0.086% |
| 104 | 8.678  | 8.658  | 8.708  | HH | 10587  | 194459 | 2.46% | 0.086% |
| 105 | 8.727  | 8.708  | 8.777  | HH | 4412   | 159014 | 2.01% | 0.070% |
| 106 | 8.800  | 8.777  | 8.819  | HH | 6162   | 122637 | 1.55% | 0.054% |
| 107 | 8.849  | 8.819  | 8.897  | HH | 9102   | 330632 | 4.18% | 0.145% |
| 108 | 8.903  | 8.897  | 8.923  | HH | 6002   | 90679  | 1.15% | 0.040% |
| 109 | 8.931  | 8.923  | 8.942  | HH | 5776   | 65458  | 0.83% | 0.029% |
| 110 | 8.966  | 8.942  | 8.994  | HH | 16014  | 285858 | 3.62% | 0.126% |
| 111 | 9.012  | 8.994  | 9.037  | HH | 7612   | 161627 | 2.05% | 0.071% |
| 112 | 9.051  | 9.037  | 9.071  | HH | 5238   | 99870  | 1.26% | 0.044% |
| 113 | 9.081  | 9.071  | 9.102  | HH | 4513   | 80733  | 1.02% | 0.036% |
| 114 | 9.122  | 9.102  | 9.144  | HH | 7103   | 138856 | 1.76% | 0.061% |
| 115 | 9.164  | 9.144  | 9.194  | HH | 6375   | 157630 | 1.99% | 0.069% |
| 116 | 9.200  | 9.194  | 9.223  | HH | 4631   | 73727  | 0.93% | 0.032% |
| 117 | 9.259  | 9.223  | 9.284  | HH | 6783   | 193109 | 2.44% | 0.085% |
| 118 | 9.296  | 9.284  | 9.310  | HH | 4587   | 69715  | 0.88% | 0.031% |
| 119 | 9.351  | 9.310  | 9.396  | HH | 15859  | 477983 | 6.05% | 0.210% |
| 120 | 9.419  | 9.396  | 9.451  | HH | 9407   | 253156 | 3.20% | 0.111% |
| 121 | 9.467  | 9.451  | 9.481  | HH | 7821   | 130228 | 1.65% | 0.057% |
| 122 | 9.496  | 9.481  | 9.513  | HH | 8794   | 149955 | 1.90% | 0.066% |
| 123 | 9.524  | 9.513  | 9.539  | HH | 7734   | 114797 | 1.45% | 0.050% |
| 124 | 9.550  | 9.539  | 9.564  | HH | 7118   | 103493 | 1.31% | 0.046% |
| 125 | 9.577  | 9.564  | 9.596  | HH | 7719   | 135414 | 1.71% | 0.060% |
| 126 | 9.609  | 9.596  | 9.627  | HH | 6471   | 118076 | 1.49% | 0.052% |
| 127 | 9.634  | 9.627  | 9.641  | HH | 6079   | 50480  | 0.64% | 0.022% |
| 128 | 9.681  | 9.641  | 9.722  | HH | 9622   | 388509 | 4.92% | 0.171% |
| 129 | 9.742  | 9.722  | 9.763  | HH | 17401  | 288389 | 3.65% | 0.127% |
| 130 | 9.779  | 9.763  | 9.816  | HH | 9793   | 275257 | 3.48% | 0.121% |
| 131 | 9.848  | 9.816  | 9.883  | HH | 9208   | 335495 | 4.25% | 0.148% |
| 132 | 9.895  | 9.883  | 9.904  | HH | 6474   | 79265  | 1.00% | 0.035% |
| 133 | 9.918  | 9.904  | 9.991  | HH | 6706   | 317808 | 4.02% | 0.140% |
| 134 | 10.018 | 9.991  | 10.030 | HH | 5691   | 128244 | 1.62% | 0.056% |
| 135 | 10.085 | 10.030 | 10.104 | HH | 8517   | 296972 | 3.76% | 0.131% |
| 136 | 10.127 | 10.104 | 10.156 | HH | 10414  | 260235 | 3.29% | 0.114% |
| 137 | 10.214 | 10.156 | 10.248 | HH | 10490  | 494199 | 6.25% | 0.217% |
| 138 | 10.273 | 10.248 | 10.315 | HH | 11778  | 373526 | 4.73% | 0.164% |
| 139 | 10.345 | 10.315 | 10.385 | HH | 11559  | 414947 | 5.25% | 0.182% |
| 140 | 10.404 | 10.385 | 10.422 | HH | 10378  | 219276 | 2.77% | 0.096% |
| 141 | 10.447 | 10.422 | 10.458 | HH | 12223  | 238281 | 3.02% | 0.105% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.480 | 10.458 | 10.499 | HH | 22682  | 406257  | 5.14%  | 0.179% |
| 143    | 10.509 | 10.499 | 10.527 | HH | 13139  | 206718  | 2.62%  | 0.091% |
| 144    | 10.552 | 10.527 | 10.586 | HH | 21937  | 574052  | 7.26%  | 0.252% |
| 145    | 10.608 | 10.586 | 10.636 | HH | 15453  | 383992  | 4.86%  | 0.169% |
| 146    | 10.651 | 10.636 | 10.662 | HH | 10615  | 158442  | 2.01%  | 0.070% |
| 147    | 10.678 | 10.662 | 10.703 | HH | 11227  | 263691  | 3.34%  | 0.116% |
| 148    | 10.744 | 10.703 | 10.812 | HH | 124051 | 2387919 | 30.22% | 1.050% |
| 149    | 10.831 | 10.812 | 10.917 | HH | 31447  | 1172068 | 14.83% | 0.515% |
| 150    | 10.934 | 10.917 | 10.971 | HH | 13908  | 412309  | 5.22%  | 0.181% |
| 151    | 10.987 | 10.971 | 11.019 | HH | 12217  | 333345  | 4.22%  | 0.147% |
| 152    | 11.076 | 11.019 | 11.126 | HH | 19656  | 1024734 | 12.97% | 0.451% |
| 153    | 11.143 | 11.126 | 11.160 | HH | 16896  | 328945  | 4.16%  | 0.145% |
| 154    | 11.181 | 11.160 | 11.206 | HH | 27406  | 538500  | 6.81%  | 0.237% |
| 155    | 11.230 | 11.206 | 11.245 | HH | 15161  | 334180  | 4.23%  | 0.147% |
| 156    | 11.276 | 11.245 | 11.325 | HH | 22574  | 817590  | 10.35% | 0.360% |
| 157    | 11.344 | 11.325 | 11.363 | HH | 17750  | 362214  | 4.58%  | 0.159% |
| 158    | 11.383 | 11.363 | 11.401 | HH | 16691  | 366927  | 4.64%  | 0.161% |
| 159    | 11.410 | 11.401 | 11.424 | HH | 15805  | 208689  | 2.64%  | 0.092% |
| 160    | 11.429 | 11.424 | 11.448 | HH | 15456  | 215793  | 2.73%  | 0.095% |
| 161    | 11.472 | 11.448 | 11.499 | HH | 18314  | 510631  | 6.46%  | 0.225% |
| 162    | 11.551 | 11.499 | 11.567 | HH | 32945  | 836866  | 10.59% | 0.368% |
| 163    | 11.584 | 11.567 | 11.631 | HH | 36717  | 978847  | 12.39% | 0.431% |
| 164    | 11.662 | 11.631 | 11.683 | HH | 37674  | 834319  | 10.56% | 0.367% |
| 165    | 11.699 | 11.683 | 11.714 | HH | 31699  | 506595  | 6.41%  | 0.223% |
| 166    | 11.732 | 11.714 | 11.779 | HH | 34454  | 960049  | 12.15% | 0.422% |
| 167    | 11.786 | 11.779 | 11.793 | HH | 17902  | 149894  | 1.90%  | 0.066% |
| 168    | 11.852 | 11.793 | 11.876 | HH | 33572  | 1127826 | 14.27% | 0.496% |
| 169    | 11.888 | 11.876 | 11.918 | HH | 21587  | 532114  | 6.73%  | 0.234% |
| 170    | 11.958 | 11.918 | 12.003 | HH | 28755  | 1217619 | 15.41% | 0.536% |
| 171    | 12.025 | 12.003 | 12.085 | HH | 29847  | 1208180 | 15.29% | 0.531% |
| 172    | 12.116 | 12.085 | 12.183 | HH | 81296  | 2066725 | 26.15% | 0.909% |
| 173    | 12.204 | 12.183 | 12.236 | HH | 24353  | 724909  | 9.17%  | 0.319% |
| 174    | 12.273 | 12.236 | 12.285 | HH | 25577  | 717026  | 9.07%  | 0.315% |
| 175    | 12.295 | 12.285 | 12.301 | HH | 24600  | 227926  | 2.88%  | 0.100% |
| 176    | 12.313 | 12.301 | 12.326 | HH | 25244  | 366200  | 4.63%  | 0.161% |
| 177    | 12.344 | 12.326 | 12.354 | HH | 29584  | 461659  | 5.84%  | 0.203% |
| 178    | 12.364 | 12.354 | 12.391 | HH | 28237  | 581373  | 7.36%  | 0.256% |
| 179    | 12.445 | 12.391 | 12.468 | HH | 47822  | 1695920 | 21.46% | 0.746% |
| 180    | 12.490 | 12.468 | 12.509 | HH | 46900  | 956078  | 12.10% | 0.420% |
| 181    | 12.514 | 12.509 | 12.540 | HH | 34397  | 575264  | 7.28%  | 0.253% |
| 182    | 12.565 | 12.540 | 12.627 | HH | 207111 | 3875133 | 49.04% | 1.704% |
| 183    | 12.665 | 12.627 | 12.698 | HH | 32227  | 1243246 | 15.73% | 0.547% |
| 184    | 12.723 | 12.698 | 12.741 | HH | 34692  | 811791  | 10.27% | 0.357% |
| 185    | 12.760 | 12.741 | 12.775 | HH | 39295  | 738531  | 9.35%  | 0.325% |
| 186    | 12.783 | 12.775 | 12.802 | HH | 36785  | 552704  | 6.99%  | 0.243% |
| 187    | 12.821 | 12.802 | 12.837 | HH | 35045  | 691738  | 8.75%  | 0.304% |
| 188    | 12.862 | 12.837 | 12.908 | HH | 261801 | 4270753 | 54.04% | 1.878% |
| 189    | 12.925 | 12.908 | 12.943 | HH | 45048  | 825583  | 10.45% | 0.363% |
| 190    | 12.961 | 12.943 | 13.004 | HH | 46087  | 1417218 | 17.93% | 0.623% |
| 191    | 13.045 | 13.004 | 13.077 | HH | 38287  | 1529861 | 19.36% | 0.673% |
| 192    | 13.102 | 13.077 | 13.122 | HH | 54177  | 1193624 | 15.10% | 0.525% |
| 193    | 13.151 | 13.122 | 13.169 | HH | 46690  | 1218425 | 15.42% | 0.536% |
| 194    | 13.180 | 13.169 | 13.229 | HH | 44365  | 1494946 | 18.92% | 0.657% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.251 | 13.229 | 13.262 | HH | 41027  | 772276  | 9.77%  | 0.340% |
| 196 | 13.271 | 13.262 | 13.302 | HH | 41508  | 961883  | 12.17% | 0.423% |
| 197 | 13.341 | 13.302 | 13.397 | HH | 69151  | 2746065 | 34.75% | 1.208% |
| 198 | 13.457 | 13.397 | 13.499 | HH | 67627  | 3115657 | 39.43% | 1.370% |
| 199 | 13.517 | 13.499 | 13.541 | HH | 45365  | 1106812 | 14.01% | 0.487% |
| 200 | 13.565 | 13.541 | 13.585 | HH | 53910  | 1273232 | 16.11% | 0.560% |
| 201 | 13.606 | 13.585 | 13.627 | HH | 65360  | 1378208 | 17.44% | 0.606% |
| 202 | 13.632 | 13.627 | 13.659 | HH | 49756  | 896251  | 11.34% | 0.394% |
| 203 | 13.664 | 13.659 | 13.669 | HH | 43011  | 244729  | 3.10%  | 0.108% |
| 204 | 13.691 | 13.669 | 13.711 | HH | 55490  | 1297228 | 16.42% | 0.571% |
| 205 | 13.732 | 13.711 | 13.756 | HH | 77290  | 1632612 | 20.66% | 0.718% |
| 206 | 13.776 | 13.756 | 13.797 | HH | 62302  | 1327049 | 16.79% | 0.584% |
| 207 | 13.803 | 13.797 | 13.817 | HH | 48820  | 566777  | 7.17%  | 0.249% |
| 208 | 13.831 | 13.817 | 13.854 | HH | 48757  | 1039236 | 13.15% | 0.457% |
| 209 | 13.866 | 13.854 | 13.881 | HH | 45721  | 720033  | 9.11%  | 0.317% |
| 210 | 13.898 | 13.881 | 13.912 | HH | 51001  | 919542  | 11.64% | 0.404% |
| 211 | 13.929 | 13.912 | 13.941 | HH | 48770  | 804689  | 10.18% | 0.354% |
| 212 | 13.959 | 13.941 | 14.004 | HH | 52224  | 1844064 | 23.34% | 0.811% |
| 213 | 14.009 | 14.004 | 14.022 | HH | 45485  | 474744  | 6.01%  | 0.209% |
| 214 | 14.046 | 14.022 | 14.067 | HH | 50984  | 1329741 | 16.83% | 0.585% |
| 215 | 14.078 | 14.067 | 14.106 | HH | 51892  | 1181365 | 14.95% | 0.520% |
| 216 | 14.122 | 14.106 | 14.136 | HH | 50924  | 882262  | 11.16% | 0.388% |
| 217 | 14.154 | 14.136 | 14.175 | HH | 55287  | 1251271 | 15.83% | 0.550% |
| 218 | 14.195 | 14.175 | 14.204 | HH | 62046  | 1028432 | 13.01% | 0.452% |
| 219 | 14.221 | 14.204 | 14.237 | HH | 77863  | 1366200 | 17.29% | 0.601% |
| 220 | 14.249 | 14.237 | 14.273 | HH | 68524  | 1338506 | 16.94% | 0.589% |
| 221 | 14.297 | 14.273 | 14.317 | HH | 59746  | 1482896 | 18.77% | 0.652% |
| 222 | 14.330 | 14.317 | 14.358 | HH | 57735  | 1347530 | 17.05% | 0.593% |
| 223 | 14.393 | 14.358 | 14.411 | HH | 71997  | 2023358 | 25.60% | 0.890% |
| 224 | 14.438 | 14.411 | 14.480 | HH | 95039  | 3065401 | 38.79% | 1.348% |
| 225 | 14.496 | 14.480 | 14.517 | HH | 66650  | 1406990 | 17.80% | 0.619% |
| 226 | 14.536 | 14.517 | 14.561 | HH | 78594  | 1835158 | 23.22% | 0.807% |
| 227 | 14.590 | 14.561 | 14.627 | HH | 227945 | 4653504 | 58.89% | 2.047% |
| 228 | 14.633 | 14.627 | 14.656 | HH | 65327  | 1071584 | 13.56% | 0.471% |
| 229 | 14.681 | 14.656 | 14.703 | HH | 59378  | 1615497 | 20.44% | 0.711% |
| 230 | 14.724 | 14.703 | 14.730 | HH | 71582  | 1043207 | 13.20% | 0.459% |
| 231 | 14.751 | 14.730 | 14.770 | HH | 181269 | 2994978 | 37.90% | 1.317% |
| 232 | 14.791 | 14.770 | 14.852 | HH | 231679 | 5509859 | 69.73% | 2.423% |
| 233 | 14.870 | 14.852 | 14.884 | HH | 66324  | 1212598 | 15.35% | 0.533% |
| 234 | 14.911 | 14.884 | 14.932 | HH | 91063  | 2162049 | 27.36% | 0.951% |
| 235 | 14.946 | 14.932 | 14.970 | HH | 74408  | 1583299 | 20.04% | 0.696% |
| 236 | 14.982 | 14.970 | 14.989 | HH | 65479  | 727372  | 9.20%  | 0.320% |
| 237 | 15.002 | 14.989 | 15.014 | HH | 65345  | 957983  | 12.12% | 0.421% |
| 238 | 15.032 | 15.014 | 15.064 | HH | 70239  | 1991552 | 25.20% | 0.876% |
| 239 | 15.101 | 15.064 | 15.149 | HH | 90297  | 3888140 | 49.20% | 1.710% |
| 240 | 15.173 | 15.149 | 15.198 | HH | 137742 | 2882344 | 36.48% | 1.268% |
| 241 | 15.211 | 15.198 | 15.226 | HH | 80173  | 1316171 | 16.66% | 0.579% |
| 242 | 15.234 | 15.226 | 15.287 | HH | 76810  | 2557685 | 32.37% | 1.125% |
| 243 | 15.313 | 15.287 | 15.328 | HH | 81065  | 1814586 | 22.96% | 0.798% |
| 244 | 15.337 | 15.328 | 15.364 | HH | 72124  | 1462636 | 18.51% | 0.643% |
| 245 | 15.382 | 15.364 | 15.395 | HH | 74212  | 1314851 | 16.64% | 0.578% |
| 246 | 15.427 | 15.395 | 15.449 | HH | 118142 | 2879329 | 36.44% | 1.266% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 247 | 15.466 | 15.449 | 15.489 | HH  | 88300                   | 1908715 | 24.15%    | 0.839% |
| 248 | 15.494 | 15.489 | 15.506 | HH  | 71634                   | 689879  | 8.73%     | 0.303% |
| 249 | 15.535 | 15.506 | 15.548 | HH  | 78492                   | 1878389 | 23.77%    | 0.826% |
| 250 | 15.569 | 15.548 | 15.590 | HH  | 89529                   | 2105987 | 26.65%    | 0.926% |
| 251 | 15.600 | 15.590 | 15.629 | HH  | 85975                   | 1885955 | 23.87%    | 0.829% |
| 252 | 15.635 | 15.629 | 15.637 | HH  | 74416                   | 334968  | 4.24%     | 0.147% |
| 253 | 15.658 | 15.637 | 15.678 | HH  | 81769                   | 1932530 | 24.46%    | 0.850% |
| 254 | 15.692 | 15.678 | 15.729 | HH  | 76059                   | 2225956 | 28.17%    | 0.979% |
| 255 | 15.751 | 15.729 | 15.778 | HH  | 78132                   | 2137680 | 27.05%    | 0.940% |
| 256 | 15.782 | 15.778 | 15.792 | HH  | 70458                   | 602652  | 7.63%     | 0.265% |
| 257 | 15.814 | 15.792 | 15.830 | HH  | 85718                   | 1726889 | 21.85%    | 0.760% |
| 258 | 15.847 | 15.830 | 15.893 | HH  | 86130                   | 2989799 | 37.83%    | 1.315% |
| 259 | 15.910 | 15.893 | 15.946 | HH  | 76869                   | 2362361 | 29.89%    | 1.039% |
| 260 | 15.951 | 15.946 | 15.957 | HH  | 71663                   | 491378  | 6.22%     | 0.216% |
| 261 | 15.996 | 15.957 | 16.002 | HH  | 74363                   | 1939466 | 24.54%    | 0.853% |
| 262 | 16.025 | 16.002 | 16.052 | HH  | 80817                   | 2302943 | 29.14%    | 1.013% |
| 263 | 16.088 | 16.052 | 16.101 | HH  | 89156                   | 2353192 | 29.78%    | 1.035% |
| 264 | 16.118 | 16.101 | 16.151 | HH  | 95852                   | 2630892 | 33.29%    | 1.157% |
| 265 | 16.196 | 16.151 | 16.223 | HH  | 93285                   | 3691595 | 46.72%    | 1.624% |
| 266 | 16.239 | 16.223 | 16.264 | HH  | 90417                   | 2121849 | 26.85%    | 0.933% |
| 267 | 16.322 | 16.264 | 16.340 | HH  | 354095                  | 7902223 | 100.00%   | 3.476% |
| 268 | 16.348 | 16.340 | 16.384 | HH  | 175793                  | 3331293 | 42.16%    | 1.465% |
| 269 | 16.388 | 16.384 | 16.396 | HH  | 86205                   | 579948  | 7.34%     | 0.255% |
| 270 | 16.399 | 16.396 | 16.414 | HH  | 86176                   | 903228  | 11.43%    | 0.397% |
| 271 | 16.452 | 16.414 | 16.477 | HH  | 160577                  | 4747345 | 60.08%    | 2.088% |
| 272 | 16.487 | 16.477 | 16.524 | HH  | 98725                   | 2499103 | 31.63%    | 1.099% |
| 273 | 16.558 | 16.524 | 16.583 | HH  | 94210                   | 3106089 | 39.31%    | 1.366% |
| 274 | 16.606 | 16.583 | 16.615 | HH  | 100799                  | 1833897 | 23.21%    | 0.807% |
| 275 | 16.643 | 16.615 | 16.679 | HH  | 295209                  | 6106888 | 77.28%    | 2.686% |
| 276 | 16.705 | 16.679 | 16.746 | HH  | 336538                  | 6912656 | 87.48%    | 3.040% |
| 277 | 16.760 | 16.746 | 16.784 | HH  | 102863                  | 2164252 | 27.39%    | 0.952% |
| 278 | 16.806 | 16.784 | 16.811 | HHA | 158313                  | 2056565 | 26.03%    | 0.905% |
|     |        |        |        |     | Sum of corrected areas: |         | 227368651 |        |

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