

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082120\  
 Data File : FE032595.D  
 Signal(s) : FID1B.CH  
 Acq On : 21 Aug 2020 15:25  
 Sample : L3734-07 10X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE081120.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         | 2.624       | 2.608        | 2.646      | PH       | -3319          | -83829       | -0.12%         | -0.006%       |
| 2         | 2.849       | 2.828        | 2.922      | PH       | -4963          | -314585      | -0.47%         | -0.023%       |
| 3         | 2.939       | 2.922        | 3.078      | PH       | -4732          | -577419      | -0.86%         | -0.043%       |
| 4         | 3.160       | 3.144        | 3.179      | PH       | -5824          | -135996      | -0.20%         | -0.010%       |
| 5         | 3.487       | 3.468        | 3.577      | PH       | -7138          | -502668      | -0.74%         | -0.037%       |
| 6         | 4.073       | 4.037        | 4.125      | PH       | -8046          | -437507      | -0.65%         | -0.032%       |
| 7         | 4.217       | 4.183        | 4.320      | PH       | -6750          | -659894      | -0.98%         | -0.049%       |
| 8         | 4.456       | 4.432        | 4.494      | PH       | -7687          | -309125      | -0.46%         | -0.023%       |
| 9         | 4.605       | 4.585        | 4.648      | PH       | -7580          | -312547      | -0.46%         | -0.023%       |
| 10        | 5.192       | 5.165        | 5.242      | PH       | -8007          | -379865      | -0.56%         | -0.028%       |
| 11        | 5.314       | 5.242        | 5.333      | PH       | -8038          | -454980      | -0.67%         | -0.034%       |
| 12        | 5.445       | 5.399        | 5.465      | PH       | -7896          | -326007      | -0.48%         | -0.024%       |
| 13        | 5.490       | 5.465        | 5.512      | PH       | -7012          | -220884      | -0.33%         | -0.016%       |
| 14        | 5.530       | 5.512        | 5.562      | PH       | -7858          | -239130      | -0.35%         | -0.018%       |
| 15        | 5.681       | 5.631        | 5.697      | PH       | -7914          | -325410      | -0.48%         | -0.024%       |
| 16        | 5.792       | 5.742        | 5.813      | PH       | -7778          | -340633      | -0.50%         | -0.025%       |
| 17        | 5.833       | 5.813        | 5.850      | PH       | -7811          | -175958      | -0.26%         | -0.013%       |
| 18        | 5.898       | 5.850        | 5.925      | PH       | -7827          | -359819      | -0.53%         | -0.027%       |
| 19        | 5.945       | 5.925        | 5.975      | PH       | -7747          | -239816      | -0.36%         | -0.018%       |
| 20        | 6.004       | 5.975        | 6.018      | PH       | -7780          | -205908      | -0.31%         | -0.015%       |
| 21        | 6.050       | 6.018        | 6.158      | PH       | -6523          | -628613      | -0.93%         | -0.047%       |
| 22        | 6.185       | 6.158        | 6.208      | PH       | -7251          | -225785      | -0.33%         | -0.017%       |
| 23        | 6.316       | 6.238        | 6.330      | PH       | -7114          | -406504      | -0.60%         | -0.030%       |
| 24        | 6.361       | 6.330        | 6.385      | PH       | -7259          | -243683      | -0.36%         | -0.018%       |
| 25        | 6.429       | 6.385        | 6.446      | PH       | -6960          | -262608      | -0.39%         | -0.019%       |
| 26        | 6.470       | 6.446        | 6.534      | PH       | -5824          | -377417      | -0.56%         | -0.028%       |
| 27        | 6.618       | 6.576        | 6.645      | PH       | -6995          | -306174      | -0.45%         | -0.023%       |
| 28        | 6.753       | 6.734        | 6.778      | PH       | -7224          | -196348      | -0.29%         | -0.015%       |
| 29        | 6.879       | 6.841        | 6.896      | PH       | -6719          | -238662      | -0.35%         | -0.018%       |
| 30        | 6.916       | 6.896        | 6.942      | PH       | -7039          | -192732      | -0.29%         | -0.014%       |
| 31        | 6.987       | 6.942        | 7.006      | PH       | -6657          | -262705      | -0.39%         | -0.020%       |
| 32        | 7.032       | 7.006        | 7.058      | PH       | -6556          | -212542      | -0.31%         | -0.016%       |
| 33        | 7.104       | 7.058        | 7.155      | PH       | -5048          | -374484      | -0.55%         | -0.028%       |
| 34        | 7.172       | 7.155        | 7.187      | PH       | -6476          | -129272      | -0.19%         | -0.010%       |
| 35        | 7.240       | 7.217        | 7.260      | PH       | -5418          | -162170      | -0.24%         | -0.012%       |
| 36        | 7.281       | 7.260        | 7.305      | PH       | -6420          | -176724      | -0.26%         | -0.013%       |

|    |        |        |        |    | rteres |         |        |         |
|----|--------|--------|--------|----|--------|---------|--------|---------|
| 37 | 7.336  | 7.305  | 7.349  | PH | -6290  | -166283 | -0.25% | -0.012% |
| 38 | 7.393  | 7.349  | 7.454  | PH | -4242  | -391173 | -0.58% | -0.029% |
| 39 | 7.574  | 7.542  | 7.645  | PH | -6474  | -421414 | -0.62% | -0.031% |
| 40 | 7.683  | 7.645  | 7.699  | PH | -6353  | -218247 | -0.32% | -0.016% |
| 41 | 7.732  | 7.699  | 7.752  | PH | -6396  | -206386 | -0.31% | -0.015% |
| 42 | 7.847  | 7.752  | 7.898  | PH | -5345  | -536928 | -0.80% | -0.040% |
| 43 | 7.917  | 7.898  | 7.939  | PH | -5978  | -151397 | -0.22% | -0.011% |
| 44 | 7.961  | 7.939  | 7.971  | PH | -5918  | -117154 | -0.17% | -0.009% |
| 45 | 8.002  | 7.971  | 8.056  | PH | -4753  | -284219 | -0.42% | -0.021% |
| 46 | 8.085  | 8.056  | 8.128  | PH | -3996  | -223326 | -0.33% | -0.017% |
| 47 | 8.171  | 8.128  | 8.184  | PH | -4991  | -171984 | -0.25% | -0.013% |
| 48 | 8.203  | 8.184  | 8.215  | PH | -3268  | -77335  | -0.11% | -0.006% |
| 49 | 8.232  | 8.215  | 8.247  | PH | -1669  | -54745  | -0.08% | -0.004% |
| 50 | 8.263  | 8.247  | 8.300  | PH | -982   | -112190 | -0.17% | -0.008% |
| 51 | 8.329  | 8.300  | 8.367  | PH | 6596   | -68016  | -0.10% | -0.005% |
| 52 | 8.387  | 8.367  | 8.418  | PH | -2579  | -122616 | -0.18% | -0.009% |
| 53 | 8.434  | 8.418  | 8.451  | PH | -4823  | -100020 | -0.15% | -0.007% |
| 54 | 8.682  | 8.577  | 8.706  | PH | -2036  | -354152 | -0.52% | -0.026% |
| 55 | 8.733  | 8.706  | 8.769  | PH | -3125  | -144716 | -0.21% | -0.011% |
| 56 | 8.798  | 8.769  | 8.828  | PH | -2715  | -141663 | -0.21% | -0.011% |
| 57 | 8.886  | 8.862  | 8.897  | PH | -4630  | -99386  | -0.15% | -0.007% |
| 58 | 8.921  | 8.897  | 8.938  | PH | -3696  | -102826 | -0.15% | -0.008% |
| 59 | 8.985  | 8.938  | 9.044  | PH | -817   | -195798 | -0.29% | -0.015% |
| 60 | 9.087  | 9.044  | 9.118  | PH | 1815   | -101191 | -0.15% | -0.008% |
| 61 | 9.132  | 9.118  | 9.206  | PH | -3258  | -222103 | -0.33% | -0.016% |
| 62 | 9.248  | 9.206  | 9.265  | PH | -3701  | -153400 | -0.23% | -0.011% |
| 63 | 9.282  | 9.265  | 9.308  | PH | -3744  | -108595 | -0.16% | -0.008% |
| 64 | 9.329  | 9.308  | 9.350  | PH | -4222  | -108226 | -0.16% | -0.008% |
| 65 | 9.384  | 9.350  | 9.405  | PH | -3659  | -134992 | -0.20% | -0.010% |
| 66 | 9.426  | 9.405  | 9.441  | PH | -3139  | -80684  | -0.12% | -0.006% |
| 67 | 9.468  | 9.441  | 9.516  | PH | -377   | -113613 | -0.17% | -0.008% |
| 68 | 9.545  | 9.516  | 9.573  | PH | -2081  | -102517 | -0.15% | -0.008% |
| 69 | 9.591  | 9.573  | 9.604  | PH | -3133  | -61215  | -0.09% | -0.005% |
| 70 | 9.620  | 9.604  | 9.632  | PH | -2793  | -53258  | -0.08% | -0.004% |
| 71 | 9.643  | 9.632  | 9.662  | PH | -2945  | -59655  | -0.09% | -0.004% |
| 72 | 9.702  | 9.662  | 9.726  | PH | -2718  | -130252 | -0.19% | -0.010% |
| 73 | 9.786  | 9.758  | 9.831  | PH | -2053  | -124812 | -0.18% | -0.009% |
| 74 | 9.865  | 9.831  | 9.889  | PH | 4358   | -17886  | -0.03% | -0.001% |
| 75 | 9.899  | 9.889  | 9.944  | PH | -2245  | -91355  | -0.14% | -0.007% |
| 76 | 9.976  | 9.944  | 9.998  | PH | -2384  | -95784  | -0.14% | -0.007% |
| 77 | 10.020 | 9.998  | 10.039 | PH | -2461  | -69879  | -0.10% | -0.005% |
| 78 | 10.138 | 10.108 | 10.160 | PH | -2826  | -99885  | -0.15% | -0.007% |
| 79 | 10.210 | 10.160 | 10.227 | PH | -1698  | -106589 | -0.16% | -0.008% |
| 80 | 10.254 | 10.227 | 10.281 | PH | 710    | -39267  | -0.06% | -0.003% |
| 81 | 10.322 | 10.281 | 10.331 | PH | -771   | -45259  | -0.07% | -0.003% |
| 82 | 10.345 | 10.331 | 10.374 | PH | -448   | -28936  | -0.04% | -0.002% |
| 83 | 10.395 | 10.374 | 10.432 | PH | -30    | -54062  | -0.08% | -0.004% |
| 84 | 10.458 | 10.432 | 10.478 | PH | -863   | -39595  | -0.06% | -0.003% |
| 85 | 10.518 | 10.478 | 10.558 | PH | 2055   | -2218   | -0.00% | -0.000% |
| 86 | 10.604 | 10.558 | 10.648 | PH | 7473   | 38794   | 0.06%  | 0.003%  |
| 87 | 10.676 | 10.648 | 10.698 | PH | 3117   | 20557   | 0.03%  | 0.002%  |
| 88 | 10.710 | 10.698 | 10.724 | PH | -106   | -8151   | -0.01% | -0.001% |
| 89 | 10.739 | 10.724 | 10.759 | PH | -226   | -14685  | -0.02% | -0.001% |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 90  | 10.774 | 10.759 | 10.797 | PH | -319   | -22991  | -0.03% | -0.002% |
| 91  | 10.830 | 10.797 | 10.852 | PH | 101    | -20650  | -0.03% | -0.002% |
| 92  | 10.875 | 10.852 | 10.927 | PH | 19134  | 202454  | 0.30%  | 0.015%  |
| 93  | 10.950 | 10.927 | 10.968 | PH | 5635   | 53436   | 0.08%  | 0.004%  |
| 94  | 10.978 | 10.968 | 11.035 | HH | 1347   | 3282    | 0.00%  | 0.000%  |
| 95  | 11.057 | 11.035 | 11.072 | PH | -30    | -10909  | -0.02% | -0.001% |
| 96  | 11.084 | 11.072 | 11.103 | PH | 243    | -5220   | -0.01% | -0.000% |
| 97  | 11.117 | 11.103 | 11.132 | PH | -554   | -14142  | -0.02% | -0.001% |
| 98  | 11.168 | 11.132 | 11.205 | PH | 1630   | 74      | 0.00%  | 0.000%  |
| 99  | 11.237 | 11.205 | 11.258 | PH | 1019   | 1951    | 0.00%  | 0.000%  |
| 100 | 11.308 | 11.258 | 11.334 | PH | 8506   | 93697   | 0.14%  | 0.007%  |
| 101 | 11.398 | 11.334 | 11.432 | HH | 4652   | 72119   | 0.11%  | 0.005%  |
| 102 | 11.467 | 11.432 | 11.484 | PH | 1211   | 11484   | 0.02%  | 0.001%  |
| 103 | 11.503 | 11.484 | 11.513 | PH | 1818   | 19759   | 0.03%  | 0.001%  |
| 104 | 11.532 | 11.513 | 11.560 | HH | 1900   | 40683   | 0.06%  | 0.003%  |
| 105 | 11.572 | 11.560 | 11.587 | HH | 980    | 13997   | 0.02%  | 0.001%  |
| 106 | 11.610 | 11.587 | 11.640 | HH | 1606   | 37417   | 0.06%  | 0.003%  |
| 107 | 11.675 | 11.640 | 11.692 | HH | 4917   | 96427   | 0.14%  | 0.007%  |
| 108 | 11.709 | 11.692 | 11.754 | HH | 6436   | 110857  | 0.16%  | 0.008%  |
| 109 | 11.791 | 11.754 | 11.809 | HH | 4929   | 102764  | 0.15%  | 0.008%  |
| 110 | 11.825 | 11.809 | 11.841 | HH | 4305   | 60501   | 0.09%  | 0.004%  |
| 111 | 11.858 | 11.841 | 11.888 | HH | 4978   | 79638   | 0.12%  | 0.006%  |
| 112 | 11.915 | 11.888 | 11.942 | HH | 2630   | 65348   | 0.10%  | 0.005%  |
| 113 | 11.978 | 11.942 | 12.006 | HH | 9807   | 190916  | 0.28%  | 0.014%  |
| 114 | 12.032 | 12.006 | 12.058 | HH | 4041   | 106176  | 0.16%  | 0.008%  |
| 115 | 12.075 | 12.058 | 12.122 | HH | 4188   | 121580  | 0.18%  | 0.009%  |
| 116 | 12.147 | 12.122 | 12.168 | HH | 4393   | 93312   | 0.14%  | 0.007%  |
| 117 | 12.183 | 12.168 | 12.195 | HH | 3752   | 56131   | 0.08%  | 0.004%  |
| 118 | 12.230 | 12.195 | 12.284 | HH | 26296  | 525018  | 0.78%  | 0.039%  |
| 119 | 12.294 | 12.284 | 12.325 | HH | 5236   | 123568  | 0.18%  | 0.009%  |
| 120 | 12.358 | 12.325 | 12.374 | HH | 6439   | 160821  | 0.24%  | 0.012%  |
| 121 | 12.385 | 12.374 | 12.411 | HH | 5614   | 121665  | 0.18%  | 0.009%  |
| 122 | 12.438 | 12.411 | 12.452 | HH | 5916   | 132705  | 0.20%  | 0.010%  |
| 123 | 12.469 | 12.452 | 12.515 | HH | 6488   | 209274  | 0.31%  | 0.016%  |
| 124 | 12.578 | 12.515 | 12.595 | HH | 9384   | 342856  | 0.51%  | 0.025%  |
| 125 | 12.618 | 12.595 | 12.665 | HH | 15677  | 392376  | 0.58%  | 0.029%  |
| 126 | 12.698 | 12.665 | 12.755 | HH | 40922  | 770234  | 1.14%  | 0.057%  |
| 127 | 12.794 | 12.755 | 12.809 | HH | 7105   | 220687  | 0.33%  | 0.016%  |
| 128 | 12.834 | 12.809 | 12.858 | HH | 8983   | 232679  | 0.34%  | 0.017%  |
| 129 | 12.883 | 12.858 | 12.898 | HH | 9357   | 205712  | 0.30%  | 0.015%  |
| 130 | 12.951 | 12.898 | 12.973 | HH | 14875  | 459378  | 0.68%  | 0.034%  |
| 131 | 12.997 | 12.973 | 13.029 | HH | 38940  | 649025  | 0.96%  | 0.048%  |
| 132 | 13.049 | 13.029 | 13.067 | HH | 17340  | 311084  | 0.46%  | 0.023%  |
| 133 | 13.104 | 13.067 | 13.152 | HH | 17051  | 646917  | 0.96%  | 0.048%  |
| 134 | 13.173 | 13.152 | 13.190 | HH | 11819  | 249495  | 0.37%  | 0.019%  |
| 135 | 13.231 | 13.190 | 13.243 | HH | 17891  | 420990  | 0.62%  | 0.031%  |
| 136 | 13.261 | 13.243 | 13.285 | HH | 22149  | 454681  | 0.67%  | 0.034%  |
| 137 | 13.303 | 13.285 | 13.373 | HH | 18688  | 794095  | 1.18%  | 0.059%  |
| 138 | 13.394 | 13.373 | 13.408 | HH | 12961  | 265252  | 0.39%  | 0.020%  |
| 139 | 13.465 | 13.408 | 13.525 | HH | 20686  | 1056217 | 1.56%  | 0.078%  |
| 140 | 13.587 | 13.525 | 13.618 | HH | 20943  | 898649  | 1.33%  | 0.067%  |
| 141 | 13.653 | 13.618 | 13.670 | HH | 16296  | 483074  | 0.72%  | 0.036%  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 13.695 | 13.670 | 13.717 | HH | 19443  | 495570  | 0.73%  | 0.037% |
| 143    | 13.736 | 13.717 | 13.753 | HH | 19303  | 381667  | 0.57%  | 0.028% |
| 144    | 13.769 | 13.753 | 13.792 | HH | 18821  | 418207  | 0.62%  | 0.031% |
| 145    | 13.819 | 13.792 | 13.839 | HH | 26916  | 615269  | 0.91%  | 0.046% |
|        |        |        |        |    |        |         |        |        |
| 146    | 13.863 | 13.839 | 13.888 | HH | 20939  | 579540  | 0.86%  | 0.043% |
| 147    | 13.920 | 13.888 | 13.949 | HH | 21050  | 717449  | 1.06%  | 0.053% |
| 148    | 13.977 | 13.949 | 13.993 | HH | 19359  | 499537  | 0.74%  | 0.037% |
| 149    | 14.048 | 13.993 | 14.085 | HH | 21250  | 1102422 | 1.63%  | 0.082% |
| 150    | 14.113 | 14.085 | 14.132 | HH | 21216  | 578035  | 0.86%  | 0.043% |
|        |        |        |        |    |        |         |        |        |
| 151    | 14.146 | 14.132 | 14.160 | HH | 21447  | 353417  | 0.52%  | 0.026% |
| 152    | 14.206 | 14.160 | 14.238 | HH | 26416  | 1106857 | 1.64%  | 0.082% |
| 153    | 14.247 | 14.238 | 14.265 | HH | 23387  | 377556  | 0.56%  | 0.028% |
| 154    | 14.297 | 14.265 | 14.315 | HH | 26757  | 752045  | 1.11%  | 0.056% |
| 155    | 14.332 | 14.315 | 14.357 | HH | 27784  | 667487  | 0.99%  | 0.050% |
|        |        |        |        |    |        |         |        |        |
| 156    | 14.382 | 14.357 | 14.404 | HH | 33162  | 784519  | 1.16%  | 0.058% |
| 157    | 14.441 | 14.404 | 14.465 | HH | 35662  | 1082052 | 1.60%  | 0.080% |
| 158    | 14.505 | 14.465 | 14.523 | HH | 30761  | 986754  | 1.46%  | 0.073% |
| 159    | 14.530 | 14.523 | 14.541 | HH | 27715  | 303923  | 0.45%  | 0.023% |
| 160    | 14.566 | 14.541 | 14.587 | HH | 31560  | 801813  | 1.19%  | 0.060% |
|        |        |        |        |    |        |         |        |        |
| 161    | 14.610 | 14.587 | 14.618 | HH | 29983  | 548619  | 0.81%  | 0.041% |
| 162    | 14.635 | 14.618 | 14.662 | HH | 31358  | 792438  | 1.17%  | 0.059% |
| 163    | 14.718 | 14.662 | 14.747 | HH | 74466  | 2172388 | 3.22%  | 0.161% |
| 164    | 14.763 | 14.747 | 14.795 | HH | 33914  | 952075  | 1.41%  | 0.071% |
| 165    | 14.835 | 14.795 | 14.848 | HH | 35125  | 1065368 | 1.58%  | 0.079% |
|        |        |        |        |    |        |         |        |        |
| 166    | 14.881 | 14.848 | 14.899 | HH | 57943  | 1368196 | 2.03%  | 0.102% |
| 167    | 14.919 | 14.899 | 14.945 | HH | 59484  | 1301767 | 1.93%  | 0.097% |
| 168    | 14.972 | 14.945 | 14.988 | HH | 38337  | 956185  | 1.42%  | 0.071% |
| 169    | 15.043 | 14.988 | 15.052 | HH | 42369  | 1532770 | 2.27%  | 0.114% |
| 170    | 15.061 | 15.052 | 15.098 | HH | 42512  | 1140577 | 1.69%  | 0.085% |
|        |        |        |        |    |        |         |        |        |
| 171    | 15.122 | 15.098 | 15.143 | HH | 42196  | 1126652 | 1.67%  | 0.084% |
| 172    | 15.185 | 15.143 | 15.209 | HH | 45184  | 1702888 | 2.52%  | 0.126% |
| 173    | 15.247 | 15.209 | 15.267 | HH | 44995  | 1546292 | 2.29%  | 0.115% |
| 174    | 15.306 | 15.267 | 15.339 | HH | 67317  | 2289045 | 3.39%  | 0.170% |
| 175    | 15.354 | 15.339 | 15.386 | HH | 49005  | 1392313 | 2.06%  | 0.103% |
|        |        |        |        |    |        |         |        |        |
| 176    | 15.398 | 15.386 | 15.411 | HH | 48733  | 709031  | 1.05%  | 0.053% |
| 177    | 15.458 | 15.411 | 15.487 | HH | 70661  | 2631375 | 3.90%  | 0.195% |
| 178    | 15.552 | 15.487 | 15.572 | HH | 57065  | 2745008 | 4.07%  | 0.204% |
| 179    | 15.590 | 15.572 | 15.606 | HH | 56586  | 1134545 | 1.68%  | 0.084% |
| 180    | 15.712 | 15.606 | 15.729 | HH | 62263  | 4282545 | 6.34%  | 0.318% |
|        |        |        |        |    |        |         |        |        |
| 181    | 15.782 | 15.729 | 15.791 | HH | 62459  | 2277303 | 3.37%  | 0.169% |
| 182    | 15.832 | 15.791 | 15.844 | HH | 65013  | 2020463 | 2.99%  | 0.150% |
| 183    | 15.943 | 15.844 | 15.964 | HH | 78786  | 5007222 | 7.42%  | 0.372% |
| 184    | 15.976 | 15.964 | 16.012 | HH | 72568  | 2062409 | 3.06%  | 0.153% |
| 185    | 16.098 | 16.012 | 16.108 | HH | 76672  | 4283492 | 6.35%  | 0.318% |
|        |        |        |        |    |        |         |        |        |
| 186    | 16.152 | 16.108 | 16.175 | HH | 81168  | 3189562 | 4.73%  | 0.237% |
| 187    | 16.197 | 16.175 | 16.212 | HH | 81785  | 1767346 | 2.62%  | 0.131% |
| 188    | 16.258 | 16.212 | 16.275 | HH | 88088  | 3253043 | 4.82%  | 0.242% |
| 189    | 16.313 | 16.275 | 16.335 | HH | 90901  | 3184316 | 4.72%  | 0.236% |
| 190    | 16.362 | 16.335 | 16.382 | HH | 91625  | 2543046 | 3.77%  | 0.189% |
|        |        |        |        |    |        |         |        |        |
| 191    | 16.443 | 16.382 | 16.462 | HH | 112589 | 4813812 | 7.13%  | 0.357% |
| 192    | 16.471 | 16.462 | 16.494 | HH | 102016 | 1911436 | 2.83%  | 0.142% |
| 193    | 16.582 | 16.494 | 16.615 | HH | 106640 | 7371487 | 10.92% | 0.547% |
| 194    | 16.652 | 16.615 | 16.685 | HH | 108588 | 4472338 | 6.63%  | 0.332% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 16.733 | 16.685 | 16.742 | HH | 112000 | 3742604  | 5.54%  | 0.278% |
| 196 | 16.767 | 16.742 | 16.797 | HH | 121998 | 3869666  | 5.73%  | 0.287% |
| 197 | 16.825 | 16.797 | 16.847 | HH | 126684 | 3551990  | 5.26%  | 0.264% |
| 198 | 16.892 | 16.847 | 16.912 | HH | 133775 | 4919849  | 7.29%  | 0.365% |
| 199 | 16.928 | 16.912 | 16.948 | HH | 130544 | 2770989  | 4.11%  | 0.206% |
| 200 | 17.001 | 16.948 | 17.015 | HH | 129293 | 5088551  | 7.54%  | 0.378% |
| 201 | 17.043 | 17.015 | 17.055 | HH | 132519 | 3105353  | 4.60%  | 0.231% |
| 202 | 17.079 | 17.055 | 17.097 | HH | 134600 | 3420386  | 5.07%  | 0.254% |
| 203 | 17.150 | 17.097 | 17.165 | HH | 139190 | 5538878  | 8.21%  | 0.411% |
| 204 | 17.236 | 17.165 | 17.252 | HH | 146643 | 7406360  | 10.97% | 0.550% |
| 205 | 17.268 | 17.252 | 17.281 | HH | 146380 | 2554545  | 3.78%  | 0.190% |
| 206 | 17.344 | 17.281 | 17.370 | HH | 161486 | 8257919  | 12.23% | 0.613% |
| 207 | 17.425 | 17.370 | 17.438 | HH | 162220 | 6444004  | 9.55%  | 0.478% |
| 208 | 17.466 | 17.438 | 17.498 | HH | 169355 | 6037407  | 8.94%  | 0.448% |
| 209 | 17.549 | 17.498 | 17.557 | HH | 174115 | 5994535  | 8.88%  | 0.445% |
| 210 | 17.621 | 17.557 | 17.631 | HH | 180489 | 7901947  | 11.71% | 0.587% |
| 211 | 17.643 | 17.631 | 17.665 | HH | 179586 | 3643416  | 5.40%  | 0.270% |
| 212 | 17.716 | 17.665 | 17.734 | HH | 187348 | 7626760  | 11.30% | 0.566% |
| 213 | 17.782 | 17.734 | 17.828 | HH | 210576 | 10980057 | 16.27% | 0.815% |
| 214 | 17.887 | 17.828 | 17.898 | HH | 204547 | 8464592  | 12.54% | 0.628% |
| 215 | 17.938 | 17.898 | 17.975 | HH | 220865 | 9741955  | 14.43% | 0.723% |
| 216 | 17.987 | 17.975 | 17.998 | HH | 215089 | 2984157  | 4.42%  | 0.222% |
| 217 | 18.019 | 17.998 | 18.032 | HH | 216581 | 4337129  | 6.43%  | 0.322% |
| 218 | 18.073 | 18.032 | 18.082 | HH | 224695 | 6689512  | 9.91%  | 0.497% |
| 219 | 18.112 | 18.082 | 18.125 | HH | 239856 | 6013727  | 8.91%  | 0.446% |
| 220 | 18.144 | 18.125 | 18.171 | HH | 238591 | 6432486  | 9.53%  | 0.478% |
| 221 | 18.203 | 18.171 | 18.225 | HH | 261402 | 7969500  | 11.81% | 0.592% |
| 222 | 18.302 | 18.225 | 18.320 | HH | 264046 | 14430017 | 21.38% | 1.071% |
| 223 | 18.336 | 18.320 | 18.350 | HH | 263437 | 4608327  | 6.83%  | 0.342% |
| 224 | 18.385 | 18.350 | 18.402 | HH | 272683 | 8402402  | 12.45% | 0.624% |
| 225 | 18.457 | 18.402 | 18.482 | HH | 292355 | 13187730 | 19.54% | 0.979% |
| 226 | 18.492 | 18.482 | 18.516 | HH | 280258 | 5822928  | 8.63%  | 0.432% |
| 227 | 18.538 | 18.516 | 18.551 | HH | 282587 | 5775040  | 8.56%  | 0.429% |
| 228 | 18.611 | 18.551 | 18.627 | HH | 305618 | 13378388 | 19.82% | 0.993% |
| 229 | 18.635 | 18.627 | 18.665 | HH | 296538 | 6750150  | 10.00% | 0.501% |
| 230 | 18.697 | 18.665 | 18.711 | HH | 307375 | 8312106  | 12.31% | 0.617% |
| 231 | 18.729 | 18.711 | 18.750 | HH | 313550 | 7252511  | 10.74% | 0.538% |
| 232 | 18.773 | 18.750 | 18.786 | HH | 318345 | 6635976  | 9.83%  | 0.493% |
| 233 | 18.807 | 18.786 | 18.825 | HH | 320334 | 7367011  | 10.91% | 0.547% |
| 234 | 18.841 | 18.825 | 18.851 | HH | 318610 | 5109598  | 7.57%  | 0.379% |
| 235 | 18.922 | 18.851 | 18.937 | HH | 334799 | 16840813 | 24.95% | 1.250% |
| 236 | 19.014 | 18.937 | 19.032 | HH | 362704 | 19581866 | 29.01% | 1.454% |
| 237 | 19.057 | 19.032 | 19.075 | HH | 365940 | 9328136  | 13.82% | 0.693% |
| 238 | 19.089 | 19.075 | 19.099 | HH | 364345 | 5300691  | 7.85%  | 0.394% |
| 239 | 19.124 | 19.099 | 19.136 | HH | 375281 | 8018574  | 11.88% | 0.595% |
| 240 | 19.183 | 19.136 | 19.208 | HH | 383310 | 16338629 | 24.21% | 1.213% |
| 241 | 19.234 | 19.208 | 19.272 | HH | 389208 | 14859801 | 22.02% | 1.103% |
| 242 | 19.309 | 19.272 | 19.320 | HH | 404980 | 11437418 | 16.94% | 0.849% |
| 243 | 19.371 | 19.320 | 19.380 | HH | 408823 | 14527702 | 21.52% | 1.079% |
| 244 | 19.397 | 19.380 | 19.412 | HH | 418534 | 7907218  | 11.71% | 0.587% |
| 245 | 19.449 | 19.412 | 19.461 | HH | 419888 | 12167336 | 18.03% | 0.903% |
| 246 | 19.524 | 19.461 | 19.551 | HH | 448663 | 23203119 | 34.38% | 1.723% |

|     |        |        |        |     |                         |            |         |        |
|-----|--------|--------|--------|-----|-------------------------|------------|---------|--------|
|     |        |        |        |     |                         | rters      |         |        |
| 247 | 19.572 | 19.551 | 19.580 | HH  | 455481                  | 7931656    | 11.75%  | 0.589% |
| 248 | 19.631 | 19.580 | 19.659 | HH  | 487458                  | 22277058   | 33.00%  | 1.654% |
| 249 | 19.691 | 19.659 | 19.724 | HH  | 493749                  | 18592720   | 27.55%  | 1.380% |
| 250 | 19.771 | 19.724 | 19.785 | HH  | 498728                  | 17910749   | 26.54%  | 1.330% |
| 251 | 19.815 | 19.785 | 19.823 | HH  | 499942                  | 11420528   | 16.92%  | 0.848% |
| 252 | 19.856 | 19.823 | 19.866 | HH  | 519483                  | 12973805   | 19.22%  | 0.963% |
| 253 | 19.937 | 19.866 | 19.955 | HH  | 530761                  | 27785745   | 41.17%  | 2.063% |
| 254 | 19.970 | 19.955 | 19.977 | HH  | 531285                  | 6978763    | 10.34%  | 0.518% |
| 255 | 20.014 | 19.977 | 20.041 | HH  | 569830                  | 21077761   | 31.23%  | 1.565% |
| 256 | 20.070 | 20.041 | 20.100 | HH  | 573133                  | 19914340   | 29.50%  | 1.479% |
| 257 | 20.154 | 20.100 | 20.181 | HH  | 608072                  | 29033913   | 43.01%  | 2.156% |
| 258 | 20.191 | 20.181 | 20.202 | HH  | 596650                  | 7222818    | 10.70%  | 0.536% |
| 259 | 20.233 | 20.202 | 20.252 | HH  | 611681                  | 17978532   | 26.64%  | 1.335% |
| 260 | 20.359 | 20.252 | 20.422 | HH  | 671431                  | 65006029   | 96.31%  | 4.826% |
| 261 | 20.433 | 20.422 | 20.479 | HH  | 642806                  | 21677008   | 32.12%  | 1.609% |
| 262 | 20.493 | 20.479 | 20.512 | HH  | 625661                  | 12003728   | 17.78%  | 0.891% |
| 263 | 20.592 | 20.512 | 20.612 | HH  | 640167                  | 37582505   | 55.68%  | 2.790% |
| 264 | 20.629 | 20.612 | 20.637 | HH  | 651769                  | 9944537    | 14.73%  | 0.738% |
| 265 | 20.646 | 20.637 | 20.692 | HH  | 652192                  | 20826495   | 30.86%  | 1.546% |
| 266 | 20.704 | 20.692 | 20.723 | HH  | 626170                  | 11591984   | 17.17%  | 0.861% |
| 267 | 20.733 | 20.723 | 20.758 | HH  | 621364                  | 13173890   | 19.52%  | 0.978% |
| 268 | 20.857 | 20.758 | 20.868 | HH  | 640467                  | 40698641   | 60.30%  | 3.022% |
| 269 | 20.892 | 20.868 | 20.905 | HH  | 648573                  | 14204701   | 21.04%  | 1.055% |
| 270 | 20.926 | 20.905 | 20.994 | HH  | 644479                  | 33171366   | 49.14%  | 2.463% |
| 271 | 21.024 | 20.994 | 21.040 | HH  | 621725                  | 17127350   | 25.37%  | 1.272% |
| 272 | 21.051 | 21.040 | 21.072 | HH  | 616680                  | 11653442   | 17.26%  | 0.865% |
| 273 | 21.085 | 21.072 | 21.104 | HH  | 616655                  | 11965942   | 17.73%  | 0.888% |
| 274 | 21.138 | 21.104 | 21.150 | HH  | 619938                  | 16913045   | 25.06%  | 1.256% |
| 275 | 21.202 | 21.150 | 21.215 | HH  | 633129                  | 24152214   | 35.78%  | 1.793% |
| 276 | 21.233 | 21.215 | 21.258 | HH  | 641455                  | 16578281   | 24.56%  | 1.231% |
| 277 | 21.276 | 21.258 | 21.319 | HH  | 634641                  | 22880092   | 33.90%  | 1.699% |
| 278 | 21.332 | 21.319 | 21.392 | HH  | 620455                  | 26500383   | 39.26%  | 1.967% |
| 279 | 21.405 | 21.392 | 21.416 | HH  | 605744                  | 8932180    | 13.23%  | 0.663% |
| 280 | 21.479 | 21.416 | 21.506 | HH  | 627632                  | 33076689   | 49.00%  | 2.456% |
| 281 | 21.546 | 21.506 | 21.555 | HH  | 640408                  | 18565562   | 27.51%  | 1.378% |
| 282 | 21.575 | 21.555 | 21.735 | HH  | 645256                  | 67497689   | 100.00% | 5.011% |
| 283 | 21.747 | 21.735 | 21.778 | HH  | 607292                  | 15704502   | 23.27%  | 1.166% |
| 284 | 21.876 | 21.778 | 21.902 | HHA | 627444                  | 46197801   | 68.44%  | 3.430% |
|     |        |        |        |     | Sum of corrected areas: | 1346925138 |         |        |

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