

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110620\  
 Data File : FE033128.D  
 Signal(s) : FID1B.CH  
 Acq On : 07 Nov 2020 6:06  
 Sample : L4656-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE110620.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         | 2.350       | 2.315        | 2.512      | BH       | 354            | -144540      | -0.05%         | -0.003%       |
| 2         | 2.525       | 2.512        | 2.547      | PH       | -2288          | -51743       | -0.02%         | -0.001%       |
| 3         | 2.555       | 2.547        | 2.565      | PH       | -2656          | -30499       | -0.01%         | -0.001%       |
| 4         | 2.573       | 2.565        | 2.594      | PH       | -2611          | -49608       | -0.02%         | -0.001%       |
| 5         | 2.607       | 2.594        | 2.622      | PH       | -2806          | -50385       | -0.02%         | -0.001%       |
| 6         | 2.640       | 2.622        | 2.775      | PH       | -2834          | -328233      | -0.11%         | -0.007%       |
| 7         | 2.797       | 2.775        | 2.856      | PH       | -2808          | -197935      | -0.07%         | -0.004%       |
| 8         | 2.890       | 2.856        | 3.018      | PH       | -1331          | -377168      | -0.12%         | -0.008%       |
| 9         | 3.068       | 3.018        | 3.082      | PH       | -3216          | -166991      | -0.05%         | -0.003%       |
| 10        | 3.099       | 3.082        | 3.130      | PH       | -2702          | -107894      | -0.04%         | -0.002%       |
| 11        | 3.150       | 3.130        | 3.242      | PH       | -4388          | -342872      | -0.11%         | -0.007%       |
| 12        | 3.250       | 3.242        | 3.261      | PH       | -5494          | -62152       | -0.02%         | -0.001%       |
| 13        | 3.289       | 3.261        | 3.319      | PH       | -5071          | -189749      | -0.06%         | -0.004%       |
| 14        | 3.332       | 3.319        | 3.415      | PH       | -4687          | -332378      | -0.11%         | -0.007%       |
| 15        | 3.436       | 3.415        | 3.447      | PH       | -5606          | -112430      | -0.04%         | -0.002%       |
| 16        | 3.452       | 3.447        | 3.472      | PH       | -5780          | -91232       | -0.03%         | -0.002%       |
| 17        | 3.508       | 3.472        | 3.554      | PH       | -5515          | -297194      | -0.10%         | -0.006%       |
| 18        | 3.565       | 3.554        | 3.575      | PH       | -6297          | -79412       | -0.03%         | -0.002%       |
| 19        | 3.594       | 3.575        | 3.605      | PH       | -6201          | -112397      | -0.04%         | -0.002%       |
| 20        | 3.626       | 3.605        | 3.685      | PH       | 209            | -244130      | -0.08%         | -0.005%       |
| 21        | 3.768       | 3.685        | 3.810      | PH       | -2633          | -371457      | -0.12%         | -0.008%       |
| 22        | 3.826       | 3.810        | 3.837      | PH       | -5074          | -87693       | -0.03%         | -0.002%       |
| 23        | 3.858       | 3.837        | 3.892      | PH       | -5048          | -180280      | -0.06%         | -0.004%       |
| 24        | 3.908       | 3.892        | 3.935      | PH       | -5077          | -142628      | -0.05%         | -0.003%       |
| 25        | 3.945       | 3.935        | 3.956      | PH       | -5550          | -71552       | -0.02%         | -0.001%       |
| 26        | 3.962       | 3.956        | 3.971      | PH       | -5725          | -50058       | -0.02%         | -0.001%       |
| 27        | 4.035       | 3.971        | 4.069      | PH       | 3692           | -124869      | -0.04%         | -0.003%       |
| 28        | 4.079       | 4.069        | 4.127      | PH       | -596           | -77841       | -0.03%         | -0.002%       |
| 29        | 4.152       | 4.127        | 4.308      | PH       | 29184          | 299474       | 0.10%          | 0.006%        |
| 30        | 4.328       | 4.308        | 4.361      | PH       | -3155          | -125833      | -0.04%         | -0.003%       |
| 31        | 4.383       | 4.361        | 4.418      | PH       | -2481          | -138636      | -0.05%         | -0.003%       |
| 32        | 4.433       | 4.418        | 4.445      | PH       | -4383          | -76262       | -0.03%         | -0.002%       |
| 33        | 4.490       | 4.445        | 4.517      | PH       | 7879           | -56155       | -0.02%         | -0.001%       |
| 34        | 4.537       | 4.517        | 4.558      | PH       | 8267           | 34895        | 0.01%          | 0.001%        |
| 35        | 4.583       | 4.558        | 4.592      | PH       | 485            | -11776       | -0.00%         | -0.000%       |
| 36        | 4.608       | 4.592        | 4.653      | PH       | 4502           | -9167        | -0.00%         | -0.000%       |

| rteres |       |       |       |    |        |         |        |         |
|--------|-------|-------|-------|----|--------|---------|--------|---------|
| 37     | 4.661 | 4.653 | 4.725 | PH | -3754  | -205074 | -0.07% | -0.004% |
| 38     | 4.785 | 4.725 | 4.823 | PH | -4298  | -285770 | -0.09% | -0.006% |
| 39     | 4.850 | 4.823 | 4.950 | PH | -3640  | -363657 | -0.12% | -0.007% |
| 40     | 5.023 | 4.950 | 5.045 | PH | -3110  | -236483 | -0.08% | -0.005% |
|        |       |       |       |    |        |         |        |         |
| 41     | 5.074 | 5.045 | 5.089 | PH | -1232  | -64757  | -0.02% | -0.001% |
| 42     | 5.098 | 5.089 | 5.125 | PH | -2607  | -69125  | -0.02% | -0.001% |
| 43     | 5.142 | 5.125 | 5.174 | PH | -3681  | -121535 | -0.04% | -0.003% |
| 44     | 5.192 | 5.174 | 5.202 | PH | -3823  | -69066  | -0.02% | -0.001% |
| 45     | 5.208 | 5.202 | 5.222 | PH | -3877  | -47821  | -0.02% | -0.001% |
|        |       |       |       |    |        |         |        |         |
| 46     | 5.249 | 5.222 | 5.290 | PH | -2406  | -144791 | -0.05% | -0.003% |
| 47     | 5.302 | 5.290 | 5.339 | PH | -3597  | -129969 | -0.04% | -0.003% |
| 48     | 5.370 | 5.339 | 5.395 | PH | -1860  | -128580 | -0.04% | -0.003% |
| 49     | 5.415 | 5.395 | 5.441 | PH | -1697  | -89032  | -0.03% | -0.002% |
| 50     | 5.451 | 5.441 | 5.466 | PH | -3795  | -60172  | -0.02% | -0.001% |
|        |       |       |       |    |        |         |        |         |
| 51     | 5.494 | 5.466 | 5.554 | PH | -2323  | -226143 | -0.07% | -0.005% |
| 52     | 5.576 | 5.554 | 5.590 | PH | -1973  | -80696  | -0.03% | -0.002% |
| 53     | 5.607 | 5.590 | 5.642 | PH | -2113  | -115100 | -0.04% | -0.002% |
| 54     | 5.698 | 5.642 | 5.736 | PH | 5143   | -44567  | -0.01% | -0.001% |
| 55     | 5.749 | 5.736 | 5.774 | PH | 40     | -32862  | -0.01% | -0.001% |
|        |       |       |       |    |        |         |        |         |
| 56     | 5.782 | 5.774 | 5.823 | PH | -3196  | -107995 | -0.04% | -0.002% |
| 57     | 5.832 | 5.823 | 5.844 | PH | -4120  | -52488  | -0.02% | -0.001% |
| 58     | 5.865 | 5.844 | 5.878 | PH | 191    | -39728  | -0.01% | -0.001% |
| 59     | 5.894 | 5.878 | 5.937 | PH | -515   | -42786  | -0.01% | -0.001% |
| 60     | 5.966 | 5.937 | 6.077 | PH | 280573 | 3517592 | 1.16%  | 0.072%  |
|        |       |       |       |    |        |         |        |         |
| 61     | 6.105 | 6.077 | 6.124 | HH | 6459   | 80182   | 0.03%  | 0.002%  |
| 62     | 6.135 | 6.124 | 6.161 | HH | 1621   | 3961    | 0.00%  | 0.000%  |
| 63     | 6.179 | 6.161 | 6.248 | PH | 1159   | -42464  | -0.01% | -0.001% |
| 64     | 6.263 | 6.248 | 6.296 | PH | -1795  | -60367  | -0.02% | -0.001% |
| 65     | 6.352 | 6.296 | 6.368 | PH | -29    | -54039  | -0.02% | -0.001% |
|        |       |       |       |    |        |         |        |         |
| 66     | 6.389 | 6.368 | 6.422 | PH | 4086   | 41246   | 0.01%  | 0.001%  |
| 67     | 6.437 | 6.422 | 6.492 | HH | 1758   | 14456   | 0.00%  | 0.000%  |
| 68     | 6.535 | 6.492 | 6.556 | PH | 2444   | 8351    | 0.00%  | 0.000%  |
| 69     | 6.578 | 6.556 | 6.622 | PH | -66    | -47417  | -0.02% | -0.001% |
| 70     | 6.673 | 6.622 | 6.694 | PH | 2880   | -29012  | -0.01% | -0.001% |
|        |       |       |       |    |        |         |        |         |
| 71     | 6.738 | 6.694 | 6.757 | PH | 1459   | 14327   | 0.00%  | 0.000%  |
| 72     | 6.791 | 6.757 | 6.819 | HH | 6514   | 80701   | 0.03%  | 0.002%  |
| 73     | 6.833 | 6.819 | 6.862 | PH | 2382   | 14525   | 0.00%  | 0.000%  |
| 74     | 6.928 | 6.862 | 6.940 | PH | 7324   | 147417  | 0.05%  | 0.003%  |
| 75     | 6.951 | 6.940 | 6.983 | HH | 7077   | 119503  | 0.04%  | 0.002%  |
|        |       |       |       |    |        |         |        |         |
| 76     | 7.019 | 6.983 | 7.075 | HH | 161494 | 2074291 | 0.68%  | 0.043%  |
| 77     | 7.088 | 7.075 | 7.100 | HH | 9729   | 133002  | 0.04%  | 0.003%  |
| 78     | 7.111 | 7.100 | 7.129 | HH | 9663   | 133073  | 0.04%  | 0.003%  |
| 79     | 7.152 | 7.129 | 7.275 | HH | 203318 | 2643190 | 0.87%  | 0.054%  |
| 80     | 7.310 | 7.275 | 7.344 | HH | 14918  | 206116  | 0.07%  | 0.004%  |
|        |       |       |       |    |        |         |        |         |
| 81     | 7.377 | 7.344 | 7.387 | HH | 3972   | 64587   | 0.02%  | 0.001%  |
| 82     | 7.398 | 7.387 | 7.457 | HH | 3788   | 84609   | 0.03%  | 0.002%  |
| 83     | 7.489 | 7.457 | 7.519 | HH | 6644   | 135781  | 0.04%  | 0.003%  |
| 84     | 7.538 | 7.519 | 7.575 | HH | 5686   | 135111  | 0.04%  | 0.003%  |
| 85     | 7.596 | 7.575 | 7.613 | HH | 4612   | 74547   | 0.02%  | 0.002%  |
|        |       |       |       |    |        |         |        |         |
| 86     | 7.643 | 7.613 | 7.656 | HH | 3915   | 81640   | 0.03%  | 0.002%  |
| 87     | 7.677 | 7.656 | 7.705 | HH | 20197  | 270339  | 0.09%  | 0.006%  |
| 88     | 7.744 | 7.705 | 7.816 | HH | 70735  | 1349480 | 0.44%  | 0.028%  |
| 89     | 7.854 | 7.816 | 7.872 | HH | 16598  | 394210  | 0.13%  | 0.008%  |

| rteres |        |        |        |    |         |           |        |        |
|--------|--------|--------|--------|----|---------|-----------|--------|--------|
| 90     | 7.899  | 7.872  | 7.928  | HH | 64368   | 1033336   | 0.34%  | 0.021% |
| 91     | 7.940  | 7.928  | 7.957  | HH | 17705   | 255756    | 0.08%  | 0.005% |
| 92     | 7.997  | 7.957  | 8.074  | HH | 107326  | 2680424   | 0.88%  | 0.055% |
| 93     | 8.113  | 8.074  | 8.129  | HH | 293593  | 3408172   | 1.12%  | 0.070% |
| 94     | 8.143  | 8.129  | 8.232  | HH | 160666  | 3493263   | 1.15%  | 0.072% |
| 95     | 8.258  | 8.232  | 8.274  | HH | 328813  | 3921247   | 1.29%  | 0.081% |
| 96     | 8.298  | 8.274  | 8.365  | HH | 225656  | 4783336   | 1.57%  | 0.099% |
| 97     | 8.388  | 8.365  | 8.415  | HH | 73503   | 1063767   | 0.35%  | 0.022% |
| 98     | 8.432  | 8.415  | 8.496  | HH | 19988   | 581608    | 0.19%  | 0.012% |
| 99     | 8.539  | 8.496  | 8.547  | HH | 14184   | 313642    | 0.10%  | 0.006% |
| 100    | 8.601  | 8.547  | 8.624  | HH | 1492094 | 17780246  | 5.85%  | 0.366% |
| 101    | 8.638  | 8.624  | 8.683  | HH | 111408  | 1895237   | 0.62%  | 0.039% |
| 102    | 8.710  | 8.683  | 8.741  | HH | 63349   | 1163107   | 0.38%  | 0.024% |
| 103    | 8.788  | 8.741  | 8.805  | HH | 45597   | 1100183   | 0.36%  | 0.023% |
| 104    | 8.832  | 8.805  | 8.848  | HH | 189323  | 2587448   | 0.85%  | 0.053% |
| 105    | 8.870  | 8.848  | 8.939  | HH | 680536  | 8870648   | 2.92%  | 0.183% |
| 106    | 8.957  | 8.939  | 8.980  | HH | 48552   | 882218    | 0.29%  | 0.018% |
| 107    | 9.001  | 8.980  | 9.022  | HH | 137132  | 1825829   | 0.60%  | 0.038% |
| 108    | 9.042  | 9.022  | 9.095  | HH | 132949  | 2318443   | 0.76%  | 0.048% |
| 109    | 9.106  | 9.095  | 9.128  | HH | 18115   | 325944    | 0.11%  | 0.007% |
| 110    | 9.156  | 9.128  | 9.174  | HH | 129766  | 1706907   | 0.56%  | 0.035% |
| 111    | 9.192  | 9.174  | 9.222  | HH | 120887  | 1757052   | 0.58%  | 0.036% |
| 112    | 9.246  | 9.222  | 9.258  | HH | 33804   | 589254    | 0.19%  | 0.012% |
| 113    | 9.295  | 9.258  | 9.324  | HH | 126490  | 2491413   | 0.82%  | 0.051% |
| 114    | 9.395  | 9.324  | 9.431  | HH | 1915233 | 26037646  | 8.57%  | 0.536% |
| 115    | 9.457  | 9.431  | 9.485  | HH | 160659  | 2963544   | 0.98%  | 0.061% |
| 116    | 9.501  | 9.485  | 9.512  | HH | 139857  | 1661219   | 0.55%  | 0.034% |
| 117    | 9.531  | 9.512  | 9.546  | HH | 333575  | 4319027   | 1.42%  | 0.089% |
| 118    | 9.554  | 9.546  | 9.572  | HH | 179739  | 1952786   | 0.64%  | 0.040% |
| 119    | 9.590  | 9.572  | 9.631  | HH | 184245  | 3546228   | 1.17%  | 0.073% |
| 120    | 9.643  | 9.631  | 9.657  | HH | 54751   | 741234    | 0.24%  | 0.015% |
| 121    | 9.702  | 9.657  | 9.735  | HH | 449117  | 6535441   | 2.15%  | 0.135% |
| 122    | 9.754  | 9.735  | 9.764  | HH | 72709   | 1061209   | 0.35%  | 0.022% |
| 123    | 9.805  | 9.764  | 9.836  | HH | 498232  | 7983653   | 2.63%  | 0.164% |
| 124    | 9.863  | 9.836  | 9.882  | HH | 132428  | 2313015   | 0.76%  | 0.048% |
| 125    | 9.890  | 9.882  | 9.920  | HH | 70052   | 1142404   | 0.38%  | 0.024% |
| 126    | 9.965  | 9.920  | 10.031 | HH | 59082   | 2391720   | 0.79%  | 0.049% |
| 127    | 10.063 | 10.031 | 10.095 | HH | 87630   | 1695802   | 0.56%  | 0.035% |
| 128    | 10.139 | 10.095 | 10.158 | HH | 121284  | 2701216   | 0.89%  | 0.056% |
| 129    | 10.170 | 10.158 | 10.204 | HH | 64678   | 1428034   | 0.47%  | 0.029% |
| 130    | 10.230 | 10.204 | 10.238 | HH | 98932   | 1453172   | 0.48%  | 0.030% |
| 131    | 10.264 | 10.238 | 10.287 | HH | 406706  | 6444004   | 2.12%  | 0.133% |
| 132    | 10.305 | 10.287 | 10.347 | HH | 240840  | 4122724   | 1.36%  | 0.085% |
| 133    | 10.378 | 10.347 | 10.421 | HH | 311577  | 6439968   | 2.12%  | 0.133% |
| 134    | 10.440 | 10.421 | 10.462 | HH | 94599   | 2019779   | 0.66%  | 0.042% |
| 135    | 10.479 | 10.462 | 10.499 | HH | 94086   | 1893307   | 0.62%  | 0.039% |
| 136    | 10.515 | 10.499 | 10.524 | HH | 94651   | 1274329   | 0.42%  | 0.026% |
| 137    | 10.553 | 10.524 | 10.564 | HH | 263346  | 4465934   | 1.47%  | 0.092% |
| 138    | 10.594 | 10.564 | 10.669 | HH | 761957  | 18179730  | 5.98%  | 0.375% |
| 139    | 10.696 | 10.669 | 10.714 | HH | 126691  | 2943418   | 0.97%  | 0.061% |
| 140    | 10.725 | 10.714 | 10.750 | HH | 117682  | 2129242   | 0.70%  | 0.044% |
| 141    | 10.874 | 10.750 | 10.892 | HH | 6096765 | 223741590 | 73.61% | 4.610% |

| rteres |        |        |        |    |         |           |         |        |
|--------|--------|--------|--------|----|---------|-----------|---------|--------|
| 142    | 10.936 | 10.892 | 10.962 | HH | 3920964 | 75809047  | 24.94%  | 1.562% |
| 143    | 10.978 | 10.962 | 11.044 | HH | 186248  | 5288322   | 1.74%   | 0.109% |
| 144    | 11.069 | 11.044 | 11.081 | HH | 212720  | 3299888   | 1.09%   | 0.068% |
| 145    | 11.111 | 11.081 | 11.174 | HH | 1069238 | 19105529  | 6.29%   | 0.394% |
|        |        |        |        |    |         |           |         |        |
| 146    | 11.192 | 11.174 | 11.206 | HH | 171935  | 2595649   | 0.85%   | 0.053% |
| 147    | 11.223 | 11.206 | 11.254 | HH | 216334  | 4149088   | 1.37%   | 0.085% |
| 148    | 11.321 | 11.254 | 11.360 | HH | 558593  | 12973096  | 4.27%   | 0.267% |
| 149    | 11.391 | 11.360 | 11.412 | HH | 284942  | 5452252   | 1.79%   | 0.112% |
| 150    | 11.448 | 11.412 | 11.470 | HH | 234574  | 5530477   | 1.82%   | 0.114% |
|        |        |        |        |    |         |           |         |        |
| 151    | 11.497 | 11.470 | 11.509 | HH | 114675  | 2581746   | 0.85%   | 0.053% |
| 152    | 11.523 | 11.509 | 11.565 | HH | 120682  | 3598600   | 1.18%   | 0.074% |
| 153    | 11.608 | 11.565 | 11.625 | HH | 956548  | 18200158  | 5.99%   | 0.375% |
| 154    | 11.649 | 11.625 | 11.685 | HH | 1339509 | 23169935  | 7.62%   | 0.477% |
| 155    | 11.741 | 11.685 | 11.757 | HH | 1834072 | 41176307  | 13.55%  | 0.848% |
|        |        |        |        |    |         |           |         |        |
| 156    | 11.765 | 11.757 | 11.777 | HH | 777125  | 7981623   | 2.63%   | 0.164% |
| 157    | 11.798 | 11.777 | 11.823 | HH | 1204404 | 16887490  | 5.56%   | 0.348% |
| 158    | 11.842 | 11.823 | 11.859 | HH | 166646  | 3006091   | 0.99%   | 0.062% |
| 159    | 11.894 | 11.859 | 11.923 | HH | 251718  | 7200542   | 2.37%   | 0.148% |
| 160    | 11.946 | 11.923 | 11.957 | HH | 158524  | 2924320   | 0.96%   | 0.060% |
|        |        |        |        |    |         |           |         |        |
| 161    | 11.997 | 11.957 | 12.015 | HH | 225137  | 6659841   | 2.19%   | 0.137% |
| 162    | 12.028 | 12.015 | 12.046 | HH | 201352  | 3565642   | 1.17%   | 0.073% |
| 163    | 12.079 | 12.046 | 12.103 | HH | 992358  | 16976144  | 5.59%   | 0.350% |
| 164    | 12.113 | 12.103 | 12.127 | HH | 188054  | 2648439   | 0.87%   | 0.055% |
| 165    | 12.143 | 12.127 | 12.155 | HH | 184940  | 3029984   | 1.00%   | 0.062% |
|        |        |        |        |    |         |           |         |        |
| 166    | 12.201 | 12.155 | 12.244 | HH | 315246  | 12805160  | 4.21%   | 0.264% |
| 167    | 12.263 | 12.244 | 12.276 | HH | 166518  | 2925583   | 0.96%   | 0.060% |
| 168    | 12.287 | 12.276 | 12.299 | HH | 165266  | 2237124   | 0.74%   | 0.046% |
| 169    | 12.326 | 12.299 | 12.371 | HH | 290747  | 9254940   | 3.04%   | 0.191% |
| 170    | 12.393 | 12.371 | 12.449 | HH | 403076  | 11624514  | 3.82%   | 0.239% |
|        |        |        |        |    |         |           |         |        |
| 171    | 12.509 | 12.449 | 12.554 | HH | 465624  | 20088779  | 6.61%   | 0.414% |
| 172    | 12.572 | 12.554 | 12.598 | HH | 387149  | 8879370   | 2.92%   | 0.183% |
| 173    | 12.739 | 12.598 | 12.780 | HH | 6569951 | 303946996 | 100.00% | 6.262% |
| 174    | 12.797 | 12.780 | 12.822 | HH | 385132  | 7700075   | 2.53%   | 0.159% |
| 175    | 12.848 | 12.822 | 12.920 | HH | 778843  | 23389349  | 7.70%   | 0.482% |
|        |        |        |        |    |         |           |         |        |
| 176    | 13.041 | 12.920 | 13.065 | HH | 5920237 | 248220698 | 81.67%  | 5.114% |
| 177    | 13.074 | 13.065 | 13.109 | HH | 2210113 | 31053268  | 10.22%  | 0.640% |
| 178    | 13.135 | 13.109 | 13.150 | HH | 679691  | 10620827  | 3.49%   | 0.219% |
| 179    | 13.179 | 13.150 | 13.204 | HH | 636417  | 16728095  | 5.50%   | 0.345% |
| 180    | 13.226 | 13.204 | 13.252 | HH | 1040773 | 16975489  | 5.59%   | 0.350% |
|        |        |        |        |    |         |           |         |        |
| 181    | 13.271 | 13.252 | 13.284 | HH | 303319  | 5118495   | 1.68%   | 0.105% |
| 182    | 13.307 | 13.284 | 13.324 | HH | 437036  | 8600168   | 2.83%   | 0.177% |
| 183    | 13.346 | 13.324 | 13.379 | HH | 542357  | 12702686  | 4.18%   | 0.262% |
| 184    | 13.413 | 13.379 | 13.452 | HH | 1060847 | 21886495  | 7.20%   | 0.451% |
| 185    | 13.565 | 13.452 | 13.618 | HH | 2066778 | 65495321  | 21.55%  | 1.349% |
|        |        |        |        |    |         |           |         |        |
| 186    | 13.671 | 13.618 | 13.689 | HH | 1858673 | 42612527  | 14.02%  | 0.878% |
| 187    | 13.708 | 13.689 | 13.747 | HH | 1160005 | 21394830  | 7.04%   | 0.441% |
| 188    | 13.825 | 13.747 | 13.843 | HH | 835227  | 29870046  | 9.83%   | 0.615% |
| 189    | 13.862 | 13.843 | 13.890 | HH | 847919  | 14241104  | 4.69%   | 0.293% |
| 190    | 13.926 | 13.890 | 13.940 | HH | 335002  | 9001170   | 2.96%   | 0.185% |
|        |        |        |        |    |         |           |         |        |
| 191    | 13.961 | 13.940 | 13.980 | HH | 389369  | 7977000   | 2.62%   | 0.164% |
| 192    | 13.997 | 13.980 | 14.013 | HH | 340000  | 5850554   | 1.92%   | 0.121% |
| 193    | 14.025 | 14.013 | 14.043 | HH | 308655  | 5220654   | 1.72%   | 0.108% |
| 194    | 14.052 | 14.043 | 14.070 | HH | 269097  | 4102780   | 1.35%   | 0.085% |

| rteres |        |        |        |    |         |           |        |        |
|--------|--------|--------|--------|----|---------|-----------|--------|--------|
| 195    | 14.091 | 14.070 | 14.143 | HH | 327371  | 11973165  | 3.94%  | 0.247% |
| 196    | 14.235 | 14.143 | 14.280 | HH | 549360  | 29618851  | 9.74%  | 0.610% |
| 197    | 14.333 | 14.280 | 14.359 | HH | 469721  | 18240691  | 6.00%  | 0.376% |
| 198    | 14.369 | 14.359 | 14.422 | HH | 418725  | 12946079  | 4.26%  | 0.267% |
| 199    | 14.459 | 14.422 | 14.482 | HH | 961996  | 23516221  | 7.74%  | 0.485% |
| 200    | 14.537 | 14.482 | 14.552 | HH | 1315787 | 40396665  | 13.29% | 0.832% |
| 201    | 14.574 | 14.552 | 14.605 | HH | 933765  | 20099097  | 6.61%  | 0.414% |
| 202    | 14.660 | 14.605 | 14.680 | HH | 669599  | 20320471  | 6.69%  | 0.419% |
| 203    | 14.699 | 14.680 | 14.773 | HH | 631951  | 21704671  | 7.14%  | 0.447% |
| 204    | 14.919 | 14.773 | 14.939 | HH | 3502953 | 184838274 | 60.81% | 3.808% |
| 205    | 14.961 | 14.939 | 15.007 | HH | 3831527 | 78165824  | 25.72% | 1.610% |
| 206    | 15.050 | 15.007 | 15.079 | HH | 1753838 | 39643841  | 13.04% | 0.817% |
| 207    | 15.115 | 15.079 | 15.137 | HH | 810795  | 19809000  | 6.52%  | 0.408% |
| 208    | 15.168 | 15.137 | 15.184 | HH | 915177  | 17685846  | 5.82%  | 0.364% |
| 209    | 15.203 | 15.184 | 15.254 | HH | 897377  | 24176780  | 7.95%  | 0.498% |
| 210    | 15.285 | 15.254 | 15.309 | HH | 471261  | 12771650  | 4.20%  | 0.263% |
| 211    | 15.327 | 15.309 | 15.349 | HH | 449922  | 9584987   | 3.15%  | 0.197% |
| 212    | 15.373 | 15.349 | 15.434 | HH | 397991  | 18796726  | 6.18%  | 0.387% |
| 213    | 15.459 | 15.434 | 15.481 | HH | 472892  | 11006422  | 3.62%  | 0.227% |
| 214    | 15.521 | 15.481 | 15.539 | HH | 1148205 | 25653691  | 8.44%  | 0.529% |
| 215    | 15.556 | 15.539 | 15.590 | HH | 726697  | 16906866  | 5.56%  | 0.348% |
| 216    | 15.618 | 15.590 | 15.639 | HH | 758865  | 16822297  | 5.53%  | 0.347% |
| 217    | 15.669 | 15.639 | 15.681 | HH | 946783  | 18774016  | 6.18%  | 0.387% |
| 218    | 15.698 | 15.681 | 15.719 | HH | 1204707 | 18337057  | 6.03%  | 0.378% |
| 219    | 15.741 | 15.719 | 15.769 | HH | 687569  | 14951101  | 4.92%  | 0.308% |
| 220    | 15.782 | 15.769 | 15.799 | HH | 364292  | 6412655   | 2.11%  | 0.132% |
| 221    | 15.820 | 15.799 | 15.872 | HH | 496914  | 15210475  | 5.00%  | 0.313% |
| 222    | 15.889 | 15.872 | 15.903 | HH | 336349  | 5866118   | 1.93%  | 0.121% |
| 223    | 15.930 | 15.903 | 15.981 | HH | 446264  | 18089952  | 5.95%  | 0.373% |
| 224    | 15.998 | 15.981 | 16.023 | HH | 355861  | 8109878   | 2.67%  | 0.167% |
| 225    | 16.052 | 16.023 | 16.070 | HH | 355214  | 9246186   | 3.04%  | 0.190% |
| 226    | 16.094 | 16.070 | 16.121 | HH | 373311  | 10309905  | 3.39%  | 0.212% |
| 227    | 16.137 | 16.121 | 16.155 | HH | 322536  | 6062159   | 1.99%  | 0.125% |
| 228    | 16.257 | 16.155 | 16.320 | HH | 483634  | 38399768  | 12.63% | 0.791% |
| 229    | 16.504 | 16.320 | 16.545 | HH | 3503251 | 199659333 | 65.69% | 4.114% |
| 230    | 16.592 | 16.545 | 16.644 | HH | 1592199 | 43947495  | 14.46% | 0.905% |
| 231    | 16.846 | 16.644 | 16.855 | HH | 2049871 | 137107810 | 45.11% | 2.825% |
| 232    | 16.901 | 16.855 | 16.924 | HH | 3274758 | 90156602  | 29.66% | 1.857% |
| 233    | 16.968 | 16.924 | 17.021 | HH | 1995365 | 54710380  | 18.00% | 1.127% |
| 234    | 17.074 | 17.021 | 17.103 | HH | 675272  | 26962194  | 8.87%  | 0.555% |
| 235    | 17.118 | 17.103 | 17.137 | HH | 506354  | 9170411   | 3.02%  | 0.189% |
| 236    | 17.196 | 17.137 | 17.253 | HH | 893133  | 47225362  | 15.54% | 0.973% |
| 237    | 17.276 | 17.253 | 17.295 | HH | 535746  | 11540244  | 3.80%  | 0.238% |
| 238    | 17.338 | 17.295 | 17.367 | HH | 580896  | 21413336  | 7.05%  | 0.441% |
| 239    | 17.400 | 17.367 | 17.449 | HH | 518647  | 20980300  | 6.90%  | 0.432% |
| 240    | 17.489 | 17.449 | 17.553 | HH | 854503  | 30799528  | 10.13% | 0.635% |
| 241    | 17.599 | 17.553 | 17.630 | HH | 494827  | 18652731  | 6.14%  | 0.384% |
| 242    | 17.648 | 17.630 | 17.679 | HH | 352241  | 9859027   | 3.24%  | 0.203% |
| 243    | 17.777 | 17.679 | 17.830 | HH | 502429  | 35214317  | 11.59% | 0.726% |
| 244    | 17.884 | 17.830 | 17.916 | HH | 519324  | 22345529  | 7.35%  | 0.460% |
| 245    | 17.945 | 17.916 | 17.960 | HH | 504363  | 11890488  | 3.91%  | 0.245% |
| 246    | 17.979 | 17.960 | 18.009 | HH | 502317  | 13808014  | 4.54%  | 0.284% |

| rteres |        |        |        |    |         |           |        |        |
|--------|--------|--------|--------|----|---------|-----------|--------|--------|
| 247    | 18.031 | 18.009 | 18.045 | HH | 476869  | 10174580  | 3.35%  | 0.210% |
| 248    | 18.112 | 18.045 | 18.166 | HH | 826237  | 46766980  | 15.39% | 0.964% |
| 249    | 18.284 | 18.166 | 18.319 | HH | 2284293 | 114147839 | 37.56% | 2.352% |
| 250    | 18.352 | 18.319 | 18.366 | HH | 1002557 | 22915286  | 7.54%  | 0.472% |
| 251    | 18.384 | 18.366 | 18.448 | HH | 1035576 | 38315939  | 12.61% | 0.789% |
| 252    | 18.545 | 18.448 | 18.604 | HH | 2006510 | 105607673 | 34.75% | 2.176% |
| 253    | 18.667 | 18.604 | 18.704 | HH | 1435209 | 52619768  | 17.31% | 1.084% |
| 254    | 18.729 | 18.704 | 18.761 | HH | 501427  | 15420724  | 5.07%  | 0.318% |
| 255    | 18.794 | 18.761 | 18.858 | HH | 498466  | 26216514  | 8.63%  | 0.540% |
| 256    | 18.916 | 18.858 | 18.969 | HH | 675163  | 36243957  | 11.92% | 0.747% |
| 257    | 18.994 | 18.969 | 19.023 | HH | 558211  | 15656270  | 5.15%  | 0.323% |
| 258    | 19.077 | 19.023 | 19.144 | HH | 569023  | 33954219  | 11.17% | 0.700% |
| 259    | 19.185 | 19.144 | 19.245 | HH | 481085  | 24687579  | 8.12%  | 0.509% |
| 260    | 19.250 | 19.245 | 19.264 | HH | 345513  | 3871698   | 1.27%  | 0.080% |
| 261    | 19.323 | 19.264 | 19.381 | HH | 412272  | 25975434  | 8.55%  | 0.535% |
| 262    | 19.411 | 19.381 | 19.434 | HH | 379839  | 11319204  | 3.72%  | 0.233% |
| 263    | 19.467 | 19.434 | 19.499 | HH | 412493  | 15079075  | 4.96%  | 0.311% |
| 264    | 19.533 | 19.499 | 19.561 | HH | 416533  | 14806511  | 4.87%  | 0.305% |
| 265    | 19.653 | 19.561 | 19.683 | HH | 1011471 | 51134413  | 16.82% | 1.054% |
| 266    | 19.729 | 19.683 | 19.766 | HH | 1155015 | 44937690  | 14.78% | 0.926% |
| 267    | 19.784 | 19.766 | 19.806 | HH | 741666  | 17021780  | 5.60%  | 0.351% |
| 268    | 19.820 | 19.806 | 19.895 | HH | 679763  | 29928988  | 9.85%  | 0.617% |
| 269    | 19.932 | 19.895 | 19.979 | HH | 574960  | 24220408  | 7.97%  | 0.499% |
| 270    | 20.063 | 19.979 | 20.095 | HH | 1100921 | 54269794  | 17.86% | 1.118% |
| 271    | 20.120 | 20.095 | 20.143 | HH | 917704  | 23756479  | 7.82%  | 0.489% |
| 272    | 20.151 | 20.143 | 20.172 | HH | 698735  | 11470469  | 3.77%  | 0.236% |
| 273    | 20.198 | 20.172 | 20.230 | HH | 716828  | 20921283  | 6.88%  | 0.431% |
| 274    | 20.248 | 20.230 | 20.317 | HH | 529052  | 25408459  | 8.36%  | 0.523% |
| 275    | 20.330 | 20.317 | 20.441 | HH | 470768  | 32251616  | 10.61% | 0.664% |
| 276    | 20.472 | 20.441 | 20.585 | HH | 403697  | 31849587  | 10.48% | 0.656% |
| 277    | 20.602 | 20.585 | 20.630 | HH | 334739  | 8981780   | 2.96%  | 0.185% |
| 278    | 20.650 | 20.630 | 20.696 | HH | 333375  | 12788901  | 4.21%  | 0.263% |
| 279    | 20.739 | 20.696 | 20.752 | HH | 324439  | 10521117  | 3.46%  | 0.217% |
| 280    | 20.774 | 20.752 | 20.841 | HH | 324874  | 16847395  | 5.54%  | 0.347% |
| 281    | 20.852 | 20.841 | 20.859 | HH | 307609  | 3288828   | 1.08%  | 0.068% |
| 282    | 20.867 | 20.859 | 20.892 | HH | 306621  | 5935847   | 1.95%  | 0.122% |
| 283    | 20.898 | 20.892 | 20.910 | HH | 299064  | 3227082   | 1.06%  | 0.066% |
| 284    | 20.939 | 20.910 | 20.970 | HH | 308621  | 10826990  | 3.56%  | 0.223% |
| 285    | 20.980 | 20.970 | 21.002 | HH | 291479  | 5472201   | 1.80%  | 0.113% |
| 286    | 21.034 | 21.002 | 21.062 | HH | 284749  | 10147646  | 3.34%  | 0.209% |
| 287    | 21.104 | 21.062 | 21.132 | HH | 280811  | 11639743  | 3.83%  | 0.240% |
| 288    | 21.151 | 21.132 | 21.165 | HH | 280753  | 5557265   | 1.83%  | 0.114% |
| 289    | 21.196 | 21.165 | 21.213 | HH | 291707  | 8131125   | 2.68%  | 0.168% |
| 290    | 21.228 | 21.213 | 21.252 | HH | 283916  | 6544219   | 2.15%  | 0.135% |
| 291    | 21.258 | 21.252 | 21.302 | HH | 277011  | 8287998   | 2.73%  | 0.171% |
| 292    | 21.320 | 21.302 | 21.343 | HH | 275906  | 6659890   | 2.19%  | 0.137% |
| 293    | 21.362 | 21.343 | 21.400 | HH | 271709  | 9284827   | 3.05%  | 0.191% |
| 294    | 21.411 | 21.400 | 21.444 | HH | 268256  | 7042280   | 2.32%  | 0.145% |
| 295    | 21.470 | 21.444 | 21.483 | HH | 265732  | 6170126   | 2.03%  | 0.127% |
| 296    | 21.492 | 21.483 | 21.509 | HH | 263457  | 4027095   | 1.32%  | 0.083% |
| 297    | 21.520 | 21.509 | 21.562 | HH | 263141  | 8336680   | 2.74%  | 0.172% |
| 298    | 21.573 | 21.562 | 21.580 | HH | 256418  | 2797447   | 0.92%  | 0.058% |
| 299    | 21.587 | 21.580 | 21.647 | HH | 256322  | 10213642  | 3.36%  | 0.210% |

|     |        |        |        |    |                                    |          |       |        |
|-----|--------|--------|--------|----|------------------------------------|----------|-------|--------|
|     |        |        |        |    |                                    | rteres   |       |        |
| 300 | 21.678 | 21.647 | 21.722 | HH | 262436                             | 11566747 | 3.81% | 0.238% |
| 301 | 21.749 | 21.722 | 21.780 | HH | 257917                             | 8958845  | 2.95% | 0.185% |
| 302 | 21.829 | 21.780 | 21.842 | HH | 262250                             | 9567766  | 3.15% | 0.197% |
| 303 | 21.854 | 21.842 | 21.885 | HH | 261029                             | 6721228  | 2.21% | 0.138% |
| 304 | 21.909 | 21.885 | 21.940 | HH | 259738                             | 8379380  | 2.76% | 0.173% |
| 305 | 21.960 | 21.940 | 21.997 | HH | 256716                             | 8723254  | 2.87% | 0.180% |
| 306 | 22.005 | 21.997 | 22.042 | HH | 253429                             | 6811003  | 2.24% | 0.140% |
| 307 | 22.055 | 22.042 | 22.108 | HH | 248222                             | 9813612  | 3.23% | 0.202% |
| 308 | 22.118 | 22.108 | 22.176 | HH | 246992                             | 9898475  | 3.26% | 0.204% |
| 309 | 22.187 | 22.176 | 22.198 | HH | 241715                             | 3098879  | 1.02% | 0.064% |
| 310 | 22.223 | 22.198 | 22.305 | HH | 243582                             | 15346653 | 5.05% | 0.316% |
| 311 | 22.320 | 22.305 | 22.355 | HH | 233620                             | 6965024  | 2.29% | 0.143% |
| 312 | 22.364 | 22.355 | 22.429 | HH | 231498                             | 10177299 | 3.35% | 0.210% |
| 313 | 22.468 | 22.429 | 22.542 | HH | 227999                             | 15212238 | 5.00% | 0.313% |
| 314 | 22.550 | 22.542 | 22.582 | HH | 222752                             | 5329480  | 1.75% | 0.110% |
| 315 | 22.591 | 22.582 | 22.633 | HH | 220385                             | 6637095  | 2.18% | 0.137% |
| 316 | 22.682 | 22.633 | 22.748 | HH | 222928                             | 15030714 | 4.95% | 0.310% |
| 317 | 22.759 | 22.748 | 22.789 | HH | 212754                             | 5182554  | 1.71% | 0.107% |
| 318 | 22.841 | 22.789 | 22.929 | HH | 212778                             | 17502574 | 5.76% | 0.361% |
| 319 | 22.940 | 22.929 | 22.973 | HH | 204865                             | 5352225  | 1.76% | 0.110% |
| 320 | 22.993 | 22.973 | 23.075 | HH | 202267                             | 12321377 | 4.05% | 0.254% |
| 321 | 23.087 | 23.075 | 23.140 | HH | 198000                             | 7577269  | 2.49% | 0.156% |
| 322 | 23.157 | 23.140 | 23.209 | HH | 196714                             | 8031296  | 2.64% | 0.165% |
| 323 | 23.235 | 23.209 | 23.290 | HH | 192699                             | 9290293  | 3.06% | 0.191% |
| 324 | 23.298 | 23.290 | 23.313 | HH | 188831                             | 2662330  | 0.88% | 0.055% |
| 325 | 23.329 | 23.313 | 23.369 | HH | 188021                             | 6208795  | 2.04% | 0.128% |
| 326 | 23.381 | 23.369 | 23.432 | HH | 186723                             | 7015351  | 2.31% | 0.145% |
| 327 | 23.439 | 23.432 | 23.502 | HH | 183071                             | 7611848  | 2.50% | 0.157% |
| 328 | 23.545 | 23.502 | 23.559 | HH | 180706                             | 6108650  | 2.01% | 0.126% |
| 329 | 23.574 | 23.559 | 23.672 | HH | 182045                             | 12040732 | 3.96% | 0.248% |
| 330 | 23.683 | 23.672 | 23.725 | HH | 174504                             | 5599762  | 1.84% | 0.115% |
| 331 | 23.745 | 23.725 | 23.762 | HH | 173655                             | 3789661  | 1.25% | 0.078% |
| 332 | 23.775 | 23.762 | 23.925 | HH | 172424                             | 16623092 | 5.47% | 0.342% |
| 333 | 23.932 | 23.925 | 23.940 | HH | 166856                             | 1468797  | 0.48% | 0.030% |
| 334 | 23.949 | 23.940 | 23.975 | HH | 166566                             | 3461235  | 1.14% | 0.071% |
| 335 | 23.988 | 23.975 | 24.062 | HH | 166947                             | 8677599  | 2.85% | 0.179% |
| 336 | 24.072 | 24.062 | 24.107 | HH | 165051                             | 4391854  | 1.44% | 0.090% |
| 337 | 24.130 | 24.107 | 24.149 | HH | 163318                             | 4147448  | 1.36% | 0.085% |
| 338 | 24.158 | 24.149 | 24.206 | HH | 161860                             | 5433693  | 1.79% | 0.112% |
| 339 | 24.258 | 24.206 | 24.310 | HH | 161805                             | 10006965 | 3.29% | 0.206% |
| 340 | 24.343 | 24.310 | 24.361 | HH | 160027                             | 4920468  | 1.62% | 0.101% |
| 341 | 24.391 | 24.361 | 24.456 | HH | 160240                             | 9034318  | 2.97% | 0.186% |
| 342 | 24.465 | 24.456 | 24.480 | HH | 156216                             | 2164080  | 0.71% | 0.045% |
| 343 | 24.489 | 24.480 | 24.515 | HH | 155891                             | 3309183  | 1.09% | 0.068% |
| 344 | 24.525 | 24.515 | 24.547 | HH | 155059                             | 2947491  | 0.97% | 0.061% |
|     |        |        |        |    | Sum of corrected areas: 4853705583 |          |       |        |

C44-FE110620.M Tue Nov 10 08:49:10 2020