

rteres  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081219\  
Data File : FF005241.D  
Signal(s) : FID2B.ch  
Acq On : 12 Aug 2019 16:25  
Sample : K4085-01 10X  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF073019.M  
Title :

Signal : FID2B.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       | 4.354        | 4.404      | HH       | 54041          | 543103       | 15.58%         | 0.416%        |
| 2         | 4.419       | 4.404        | 4.434      | HH       | 11389          | 110500       | 3.17%          | 0.085%        |
| 3         | 4.447       | 4.434        | 4.468      | HH       | 6493           | 82478        | 2.37%          | 0.063%        |
| 4         | 4.480       | 4.468        | 4.509      | HH       | 2622           | 46310        | 1.33%          | 0.036%        |
| 5         | 4.539       | 4.509        | 4.560      | HH       | 6887           | 140683       | 4.04%          | 0.108%        |
| 6         | 4.576       | 4.560        | 4.589      | HH       | 9784           | 125086       | 3.59%          | 0.096%        |
| 7         | 4.601       | 4.589        | 4.615      | HH       | 8795           | 106073       | 3.04%          | 0.081%        |
| 8         | 4.631       | 4.615        | 4.646      | HH       | 27635          | 278881       | 8.00%          | 0.214%        |
| 9         | 4.659       | 4.646        | 4.672      | HH       | 17330          | 174992       | 5.02%          | 0.134%        |
| 10        | 4.687       | 4.672        | 4.698      | HH       | 11614          | 151424       | 4.34%          | 0.116%        |
| 11        | 4.708       | 4.698        | 4.723      | HH       | 12684          | 141300       | 4.05%          | 0.108%        |
| 12        | 4.730       | 4.723        | 4.735      | HH       | 6348           | 46779        | 1.34%          | 0.036%        |
| 13        | 4.754       | 4.735        | 4.769      | HH       | 18042          | 223599       | 6.41%          | 0.171%        |
| 14        | 4.791       | 4.769        | 4.813      | HH       | 18101          | 295300       | 8.47%          | 0.226%        |
| 15        | 4.832       | 4.813        | 4.837      | HH       | 15907          | 152567       | 4.38%          | 0.117%        |
| 16        | 4.849       | 4.837        | 4.872      | HH       | 24184          | 299427       | 8.59%          | 0.230%        |
| 17        | 4.904       | 4.872        | 4.919      | HH       | 13780          | 224021       | 6.43%          | 0.172%        |
| 18        | 4.932       | 4.919        | 4.958      | HH       | 10000          | 164820       | 4.73%          | 0.126%        |
| 19        | 4.988       | 4.958        | 5.002      | HH       | 21248          | 267880       | 7.68%          | 0.205%        |
| 20        | 5.020       | 5.002        | 5.042      | HH       | 26740          | 361692       | 10.38%         | 0.277%        |
| 21        | 5.058       | 5.042        | 5.083      | HH       | 26572          | 387616       | 11.12%         | 0.297%        |
| 22        | 5.097       | 5.083        | 5.107      | HH       | 21383          | 217006       | 6.23%          | 0.166%        |
| 23        | 5.120       | 5.107        | 5.140      | HH       | 32014          | 382700       | 10.98%         | 0.293%        |
| 24        | 5.146       | 5.140        | 5.161      | HH       | 8473           | 83744        | 2.40%          | 0.064%        |
| 25        | 5.177       | 5.161        | 5.197      | HH       | 6435           | 110392       | 3.17%          | 0.085%        |
| 26        | 5.218       | 5.197        | 5.231      | HH       | 18609          | 243496       | 6.98%          | 0.187%        |
| 27        | 5.238       | 5.231        | 5.249      | HH       | 12035          | 122329       | 3.51%          | 0.094%        |
| 28        | 5.282       | 5.249        | 5.296      | HH       | 21936          | 434358       | 12.46%         | 0.333%        |
| 29        | 5.307       | 5.296        | 5.322      | HH       | 20476          | 239703       | 6.88%          | 0.184%        |
| 30        | 5.336       | 5.322        | 5.352      | HH       | 14093          | 213755       | 6.13%          | 0.164%        |

|    |       |       |       |    |        |         | rt     | eres   |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 31 | 5.367 | 5.352 | 5.388 | HH | 14609  | 233033  | 6.68%  | 0.179% |
| 32 | 5.417 | 5.388 | 5.433 | HH | 140631 | 1522956 | 43.69% | 1.168% |
| 33 | 5.443 | 5.433 | 5.469 | HH | 37862  | 517658  | 14.85% | 0.397% |
| 34 | 5.487 | 5.469 | 5.499 | HH | 13019  | 180661  | 5.18%  | 0.139% |
| 35 | 5.506 | 5.499 | 5.524 | HH | 9239   | 113261  | 3.25%  | 0.087% |
| 36 | 5.544 | 5.524 | 5.557 | HH | 10810  | 189808  | 5.44%  | 0.146% |
| 37 | 5.566 | 5.557 | 5.580 | HH | 10905  | 142240  | 4.08%  | 0.109% |
| 38 | 5.601 | 5.580 | 5.624 | HH | 42615  | 638963  | 18.33% | 0.490% |
| 39 | 5.631 | 5.624 | 5.642 | HH | 13608  | 130037  | 3.73%  | 0.100% |
| 40 | 5.667 | 5.642 | 5.681 | HH | 15463  | 313995  | 9.01%  | 0.241% |
| 41 | 5.701 | 5.681 | 5.709 | HH | 43506  | 513293  | 14.72% | 0.394% |
| 42 | 5.715 | 5.709 | 5.739 | HH | 42282  | 490713  | 14.08% | 0.376% |
| 43 | 5.756 | 5.739 | 5.776 | HH | 25293  | 441849  | 12.67% | 0.339% |
| 44 | 5.790 | 5.776 | 5.804 | HH | 34419  | 405528  | 11.63% | 0.311% |
| 45 | 5.825 | 5.804 | 5.850 | HH | 20828  | 445703  | 12.79% | 0.342% |
| 46 | 5.871 | 5.850 | 5.894 | HH | 25987  | 429934  | 12.33% | 0.330% |
| 47 | 5.920 | 5.894 | 5.943 | HH | 31310  | 608231  | 17.45% | 0.466% |
| 48 | 5.974 | 5.943 | 5.992 | HH | 32412  | 688814  | 19.76% | 0.528% |
| 49 | 6.015 | 5.992 | 6.034 | HH | 36462  | 577136  | 16.56% | 0.443% |
| 50 | 6.058 | 6.034 | 6.082 | HH | 41599  | 685423  | 19.66% | 0.526% |
| 51 | 6.118 | 6.082 | 6.133 | HH | 39977  | 853037  | 24.47% | 0.654% |
| 52 | 6.143 | 6.133 | 6.169 | HH | 25133  | 471113  | 13.51% | 0.361% |
| 53 | 6.184 | 6.169 | 6.197 | HH | 28303  | 391608  | 11.23% | 0.300% |
| 54 | 6.207 | 6.197 | 6.219 | HH | 25197  | 312383  | 8.96%  | 0.240% |
| 55 | 6.236 | 6.219 | 6.259 | HH | 33193  | 600902  | 17.24% | 0.461% |
| 56 | 6.280 | 6.259 | 6.297 | HH | 31493  | 536895  | 15.40% | 0.412% |
| 57 | 6.334 | 6.297 | 6.366 | HH | 37971  | 1120613 | 32.15% | 0.859% |
| 58 | 6.399 | 6.366 | 6.449 | HH | 149040 | 2405596 | 69.01% | 1.845% |
| 59 | 6.462 | 6.449 | 6.469 | HH | 18599  | 210790  | 6.05%  | 0.162% |
| 60 | 6.488 | 6.469 | 6.500 | HH | 24213  | 400209  | 11.48% | 0.307% |
| 61 | 6.517 | 6.500 | 6.529 | HH | 27391  | 429967  | 12.33% | 0.330% |
| 62 | 6.548 | 6.529 | 6.567 | HH | 81386  | 1106149 | 31.73% | 0.848% |
| 63 | 6.594 | 6.567 | 6.610 | HH | 40251  | 829569  | 23.80% | 0.636% |
| 64 | 6.620 | 6.610 | 6.635 | HH | 29801  | 384459  | 11.03% | 0.295% |
| 65 | 6.678 | 6.635 | 6.698 | HH | 47114  | 1123400 | 32.23% | 0.861% |
| 66 | 6.721 | 6.698 | 6.748 | HH | 41076  | 962701  | 27.62% | 0.738% |
| 67 | 6.756 | 6.748 | 6.769 | HH | 29654  | 328684  | 9.43%  | 0.252% |
| 68 | 6.800 | 6.769 | 6.826 | HH | 71364  | 1314694 | 37.71% | 1.008% |
| 69 | 6.868 | 6.826 | 6.883 | HH | 34340  | 948784  | 27.22% | 0.728% |
| 70 | 6.900 | 6.883 | 6.907 | HH | 49092  | 598396  | 17.17% | 0.459% |
| 71 | 6.917 | 6.907 | 6.939 | HH | 51532  | 748443  | 21.47% | 0.574% |
| 72 | 6.959 | 6.939 | 6.984 | HH | 64517  | 1087120 | 31.19% | 0.834% |
| 73 | 7.003 | 6.984 | 7.017 | HH | 53640  | 815628  | 23.40% | 0.625% |
| 74 | 7.029 | 7.017 | 7.046 | HH | 54015  | 783875  | 22.49% | 0.601% |
| 75 | 7.060 | 7.046 | 7.082 | HH | 49145  | 788670  | 22.62% | 0.605% |
| 76 | 7.102 | 7.082 | 7.142 | HH | 84902  | 1684125 | 48.31% | 1.291% |
| 77 | 7.161 | 7.142 | 7.184 | HH | 42059  | 860326  | 24.68% | 0.660% |

|     |       |       |       |    |        |         | rtres   |        |
|-----|-------|-------|-------|----|--------|---------|---------|--------|
| 78  | 7.202 | 7.184 | 7.219 | HH | 43946  | 726675  | 20.85%  | 0.557% |
| 79  | 7.231 | 7.219 | 7.237 | HH | 31323  | 309163  | 8.87%   | 0.237% |
| 80  | 7.250 | 7.237 | 7.264 | HH | 31369  | 501682  | 14.39%  | 0.385% |
| 81  | 7.323 | 7.264 | 7.350 | HH | 183357 | 3486008 | 100.00% | 2.673% |
| 82  | 7.369 | 7.350 | 7.386 | HH | 42015  | 816226  | 23.41%  | 0.626% |
| 83  | 7.392 | 7.386 | 7.403 | HH | 38233  | 383427  | 11.00%  | 0.294% |
| 84  | 7.412 | 7.403 | 7.433 | HH | 38388  | 650200  | 18.65%  | 0.499% |
| 85  | 7.445 | 7.433 | 7.470 | HH | 35095  | 721023  | 20.68%  | 0.553% |
| 86  | 7.497 | 7.470 | 7.531 | HH | 73066  | 1727229 | 49.55%  | 1.324% |
| 87  | 7.550 | 7.531 | 7.568 | HH | 41304  | 780713  | 22.40%  | 0.599% |
| 88  | 7.587 | 7.568 | 7.603 | HH | 32319  | 615782  | 17.66%  | 0.472% |
| 89  | 7.638 | 7.603 | 7.646 | HH | 46553  | 920744  | 26.41%  | 0.706% |
| 90  | 7.657 | 7.646 | 7.675 | HH | 47763  | 731074  | 20.97%  | 0.561% |
| 91  | 7.690 | 7.675 | 7.731 | HH | 39812  | 1158231 | 33.23%  | 0.888% |
| 92  | 7.753 | 7.731 | 7.763 | HH | 41708  | 689740  | 19.79%  | 0.529% |
| 93  | 7.779 | 7.763 | 7.790 | HH | 48160  | 707304  | 20.29%  | 0.542% |
| 94  | 7.801 | 7.790 | 7.819 | HH | 46068  | 684692  | 19.64%  | 0.525% |
| 95  | 7.843 | 7.819 | 7.864 | HH | 53484  | 1041475 | 29.88%  | 0.799% |
| 96  | 7.889 | 7.864 | 7.911 | HH | 60266  | 1187445 | 34.06%  | 0.911% |
| 97  | 7.929 | 7.911 | 7.936 | HH | 49888  | 619389  | 17.77%  | 0.475% |
| 98  | 7.948 | 7.936 | 7.972 | HH | 57666  | 952897  | 27.33%  | 0.731% |
| 99  | 8.015 | 7.972 | 8.034 | HH | 79335  | 1638145 | 46.99%  | 1.256% |
| 100 | 8.041 | 8.034 | 8.051 | HH | 35130  | 347741  | 9.98%   | 0.267% |
| 101 | 8.066 | 8.051 | 8.087 | HH | 35344  | 693064  | 19.88%  | 0.531% |
| 102 | 8.104 | 8.087 | 8.122 | HH | 44026  | 760923  | 21.83%  | 0.583% |
| 103 | 8.194 | 8.122 | 8.220 | HH | 144448 | 3342277 | 95.88%  | 2.563% |
| 104 | 8.237 | 8.220 | 8.260 | HH | 47807  | 976509  | 28.01%  | 0.749% |
| 105 | 8.267 | 8.260 | 8.275 | HH | 33665  | 305925  | 8.78%   | 0.235% |
| 106 | 8.291 | 8.275 | 8.324 | HH | 40574  | 1053505 | 30.22%  | 0.808% |
| 107 | 8.343 | 8.324 | 8.371 | HH | 38876  | 992652  | 28.48%  | 0.761% |
| 108 | 8.382 | 8.371 | 8.396 | HH | 33849  | 479773  | 13.76%  | 0.368% |
| 109 | 8.415 | 8.396 | 8.433 | HH | 41071  | 778581  | 22.33%  | 0.597% |
| 110 | 8.439 | 8.433 | 8.455 | HH | 30738  | 377698  | 10.83%  | 0.290% |
| 111 | 8.485 | 8.455 | 8.507 | HH | 35487  | 910170  | 26.11%  | 0.698% |
| 112 | 8.520 | 8.507 | 8.535 | HH | 30124  | 449029  | 12.88%  | 0.344% |
| 113 | 8.553 | 8.535 | 8.561 | HH | 37583  | 510792  | 14.65%  | 0.392% |
| 114 | 8.565 | 8.561 | 8.580 | HH | 36881  | 404806  | 11.61%  | 0.310% |
| 115 | 8.592 | 8.580 | 8.595 | HH | 31894  | 277709  | 7.97%   | 0.213% |
| 116 | 8.614 | 8.595 | 8.628 | HH | 38782  | 689262  | 19.77%  | 0.529% |
| 117 | 8.644 | 8.628 | 8.667 | HH | 37209  | 771586  | 22.13%  | 0.592% |
| 118 | 8.686 | 8.667 | 8.702 | HH | 34775  | 660767  | 18.95%  | 0.507% |
| 119 | 8.730 | 8.702 | 8.759 | HH | 69038  | 1384729 | 39.72%  | 1.062% |
| 120 | 8.782 | 8.759 | 8.797 | HH | 33535  | 634562  | 18.20%  | 0.487% |
| 121 | 8.808 | 8.797 | 8.825 | HH | 26409  | 405320  | 11.63%  | 0.311% |
| 122 | 8.844 | 8.825 | 8.865 | HH | 25454  | 564597  | 16.20%  | 0.433% |
| 123 | 8.878 | 8.865 | 8.896 | HH | 26113  | 443010  | 12.71%  | 0.340% |
| 124 | 8.909 | 8.896 | 8.926 | HH | 23194  | 402020  | 11.53%  | 0.308% |

|     |        |        |        |    |       |         | rtres  |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 125 | 8.951  | 8.926  | 8.979  | HH | 29488 | 780470  | 22.39% | 0.598% |
| 126 | 9.016  | 8.979  | 9.082  | HH | 88089 | 2061716 | 59.14% | 1.581% |
| 127 | 9.102  | 9.082  | 9.127  | HH | 25857 | 561142  | 16.10% | 0.430% |
| 128 | 9.148  | 9.127  | 9.196  | HH | 19114 | 677336  | 19.43% | 0.519% |
| 129 | 9.218  | 9.196  | 9.232  | HH | 17214 | 326063  | 9.35%  | 0.250% |
| 130 | 9.247  | 9.232  | 9.264  | HH | 16946 | 293672  | 8.42%  | 0.225% |
| 131 | 9.273  | 9.264  | 9.287  | HH | 16092 | 215824  | 6.19%  | 0.165% |
| 132 | 9.301  | 9.287  | 9.333  | HH | 17128 | 418209  | 12.00% | 0.321% |
| 133 | 9.346  | 9.333  | 9.367  | HH | 15458 | 283982  | 8.15%  | 0.218% |
| 134 | 9.391  | 9.367  | 9.422  | HH | 24271 | 589534  | 16.91% | 0.452% |
| 135 | 9.434  | 9.422  | 9.445  | HH | 14920 | 191915  | 5.51%  | 0.147% |
| 136 | 9.474  | 9.445  | 9.497  | HH | 18798 | 488222  | 14.01% | 0.374% |
| 137 | 9.522  | 9.497  | 9.542  | HH | 15739 | 356521  | 10.23% | 0.273% |
| 138 | 9.574  | 9.542  | 9.603  | HH | 14883 | 417993  | 11.99% | 0.321% |
| 139 | 9.627  | 9.603  | 9.661  | HH | 9223  | 299029  | 8.58%  | 0.229% |
| 140 | 9.677  | 9.661  | 9.689  | HH | 8462  | 138293  | 3.97%  | 0.106% |
| 141 | 9.708  | 9.689  | 9.725  | HH | 9611  | 193588  | 5.55%  | 0.148% |
| 142 | 9.748  | 9.725  | 9.772  | HH | 12526 | 298195  | 8.55%  | 0.229% |
| 143 | 9.795  | 9.772  | 9.847  | HH | 41300 | 732901  | 21.02% | 0.562% |
| 144 | 9.869  | 9.847  | 9.891  | HH | 8086  | 199295  | 5.72%  | 0.153% |
| 145 | 9.898  | 9.891  | 9.944  | HH | 7549  | 201896  | 5.79%  | 0.155% |
| 146 | 9.969  | 9.944  | 9.997  | HH | 7542  | 200746  | 5.76%  | 0.154% |
| 147 | 10.008 | 9.997  | 10.019 | HH | 5605  | 69792   | 2.00%  | 0.054% |
| 148 | 10.044 | 10.019 | 10.057 | HH | 5900  | 129382  | 3.71%  | 0.099% |
| 149 | 10.067 | 10.057 | 10.092 | HH | 5947  | 112716  | 3.23%  | 0.086% |
| 150 | 10.141 | 10.092 | 10.158 | HH | 7382  | 240468  | 6.90%  | 0.184% |
| 151 | 10.184 | 10.158 | 10.213 | HH | 15709 | 321881  | 9.23%  | 0.247% |
| 152 | 10.235 | 10.213 | 10.257 | HH | 7957  | 167481  | 4.80%  | 0.128% |
| 153 | 10.272 | 10.257 | 10.296 | HH | 7281  | 142338  | 4.08%  | 0.109% |
| 154 | 10.329 | 10.296 | 10.359 | HH | 7077  | 201195  | 5.77%  | 0.154% |
| 155 | 10.379 | 10.359 | 10.397 | HH | 4256  | 90748   | 2.60%  | 0.070% |
| 156 | 10.401 | 10.397 | 10.409 | HH | 3735  | 25556   | 0.73%  | 0.020% |
| 157 | 10.411 | 10.409 | 10.416 | HH | 3703  | 14615   | 0.42%  | 0.011% |
| 158 | 10.442 | 10.416 | 10.461 | HH | 4877  | 118097  | 3.39%  | 0.091% |
| 159 | 10.467 | 10.461 | 10.478 | HH | 4445  | 43491   | 1.25%  | 0.033% |
| 160 | 10.486 | 10.478 | 10.498 | HH | 4226  | 48230   | 1.38%  | 0.037% |
| 161 | 10.535 | 10.498 | 10.571 | HH | 20866 | 374726  | 10.75% | 0.287% |
| 162 | 10.608 | 10.571 | 10.692 | HH | 10799 | 359512  | 10.31% | 0.276% |
| 163 | 10.723 | 10.692 | 10.738 | HH | 2943  | 74397   | 2.13%  | 0.057% |
| 164 | 10.752 | 10.738 | 10.769 | HH | 3069  | 51679   | 1.48%  | 0.040% |
| 165 | 10.792 | 10.769 | 10.832 | HH | 3194  | 106462  | 3.05%  | 0.082% |
| 166 | 10.862 | 10.832 | 10.869 | HH | 3753  | 67009   | 1.92%  | 0.051% |
| 167 | 10.872 | 10.869 | 10.897 | HH | 3705  | 51668   | 1.48%  | 0.040% |
| 168 | 10.927 | 10.897 | 10.972 | HH | 4135  | 133673  | 3.83%  | 0.102% |
| 169 | 10.991 | 10.972 | 11.026 | HH | 3073  | 77289   | 2.22%  | 0.059% |
| 170 | 11.045 | 11.026 | 11.081 | HH | 2623  | 64416   | 1.85%  | 0.049% |

|     |        |        |        |    |       |        | rtres |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 171 | 11.100 | 11.081 | 11.125 | HH | 2016  | 44949  | 1.29% | 0.034% |
| 172 | 11.186 | 11.125 | 11.212 | HH | 2021  | 93417  | 2.68% | 0.072% |
| 173 | 11.240 | 11.212 | 11.301 | HH | 12705 | 224055 | 6.43% | 0.172% |
| 174 | 11.330 | 11.301 | 11.376 | HH | 5774  | 126970 | 3.64% | 0.097% |
| 175 | 11.393 | 11.376 | 11.415 | HH | 1739  | 32700  | 0.94% | 0.025% |
| 176 | 11.435 | 11.415 | 11.460 | HH | 1510  | 35498  | 1.02% | 0.027% |
| 177 | 11.483 | 11.460 | 11.509 | HH | 1512  | 40069  | 1.15% | 0.031% |
| 178 | 11.532 | 11.509 | 11.568 | HH | 2244  | 64118  | 1.84% | 0.049% |
| 179 | 11.590 | 11.568 | 11.617 | HH | 1789  | 47234  | 1.35% | 0.036% |
| 180 | 11.633 | 11.617 | 11.659 | HH | 2357  | 47263  | 1.36% | 0.036% |
| 181 | 11.677 | 11.659 | 11.699 | HH | 1858  | 36849  | 1.06% | 0.028% |
| 182 | 11.726 | 11.699 | 11.761 | HH | 1918  | 56062  | 1.61% | 0.043% |
| 183 | 11.764 | 11.761 | 11.769 | HH | 1086  | 5357   | 0.15% | 0.004% |
| 184 | 11.795 | 11.769 | 11.827 | HH | 1363  | 41932  | 1.20% | 0.032% |
| 185 | 11.853 | 11.827 | 11.866 | HH | 1301  | 27078  | 0.78% | 0.021% |
| 186 | 11.912 | 11.866 | 11.944 | HH | 8823  | 167563 | 4.81% | 0.128% |
| 187 | 11.950 | 11.944 | 11.968 | HH | 1731  | 22961  | 0.66% | 0.018% |
| 188 | 11.973 | 11.968 | 11.985 | HH | 1489  | 15002  | 0.43% | 0.012% |
| 189 | 12.001 | 11.985 | 12.010 | HH | 1721  | 23052  | 0.66% | 0.018% |
| 190 | 12.017 | 12.010 | 12.080 | HH | 1500  | 55442  | 1.59% | 0.043% |
| 191 | 12.101 | 12.080 | 12.105 | HH | 1223  | 16448  | 0.47% | 0.013% |
| 192 | 12.138 | 12.105 | 12.150 | HH | 1779  | 39287  | 1.13% | 0.030% |
| 193 | 12.161 | 12.150 | 12.174 | HH | 1793  | 24105  | 0.69% | 0.018% |
| 194 | 12.183 | 12.174 | 12.206 | HH | 1806  | 32519  | 0.93% | 0.025% |
| 195 | 12.212 | 12.206 | 12.237 | HH | 1712  | 28490  | 0.82% | 0.022% |
| 196 | 12.252 | 12.237 | 12.258 | HH | 1497  | 17249  | 0.49% | 0.013% |
| 197 | 12.281 | 12.258 | 12.312 | HH | 2403  | 65714  | 1.89% | 0.050% |
| 198 | 12.326 | 12.312 | 12.363 | HH | 2154  | 53649  | 1.54% | 0.041% |
| 199 | 12.383 | 12.363 | 12.439 | HH | 2094  | 75520  | 2.17% | 0.058% |
| 200 | 12.443 | 12.439 | 12.449 | HH | 1860  | 9013   | 0.26% | 0.007% |
| 201 | 12.495 | 12.449 | 12.500 | HH | 2342  | 56164  | 1.61% | 0.043% |
| 202 | 12.503 | 12.500 | 12.523 | HH | 2307  | 29453  | 0.84% | 0.023% |
| 203 | 12.554 | 12.523 | 12.596 | HH | 8720  | 175267 | 5.03% | 0.134% |
| 204 | 12.618 | 12.596 | 12.662 | HH | 3564  | 99313  | 2.85% | 0.076% |
| 205 | 12.668 | 12.662 | 12.717 | HH | 2029  | 60942  | 1.75% | 0.047% |
| 206 | 12.721 | 12.717 | 12.727 | HH | 1814  | 10431  | 0.30% | 0.008% |
| 207 | 12.743 | 12.727 | 12.767 | HH | 2238  | 47680  | 1.37% | 0.037% |
| 208 | 12.779 | 12.767 | 12.786 | HH | 1893  | 20539  | 0.59% | 0.016% |
| 209 | 12.813 | 12.786 | 12.827 | HH | 2537  | 54187  | 1.55% | 0.042% |
| 210 | 12.848 | 12.827 | 12.853 | HH | 2466  | 35382  | 1.01% | 0.027% |
| 211 | 12.869 | 12.853 | 12.890 | HH | 2523  | 52425  | 1.50% | 0.040% |
| 212 | 12.917 | 12.890 | 12.962 | HH | 4543  | 139618 | 4.01% | 0.107% |
| 213 | 12.982 | 12.962 | 12.986 | HH | 2742  | 37476  | 1.08% | 0.029% |
| 214 | 13.008 | 12.986 | 13.015 | HH | 3132  | 51039  | 1.46% | 0.039% |
| 215 | 13.021 | 13.015 | 13.028 | HH | 3207  | 24745  | 0.71% | 0.019% |
| 216 | 13.045 | 13.028 | 13.079 | HH | 3583  | 94908  | 2.72% | 0.073% |
| 217 | 13.102 | 13.079 | 13.142 | HH | 3325  | 114174 | 3.28% | 0.088% |

|     |        |        |        |    |       |        | rtres  |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 218 | 13.168 | 13.142 | 13.210 | HH | 8910  | 203567 | 5.84%  | 0.156% |
| 219 | 13.225 | 13.210 | 13.235 | HH | 3807  | 55123  | 1.58%  | 0.042% |
| 220 | 13.251 | 13.235 | 13.296 | HH | 4257  | 134608 | 3.86%  | 0.103% |
| 221 | 13.310 | 13.296 | 13.321 | HH | 3474  | 50871  | 1.46%  | 0.039% |
| 222 | 13.339 | 13.321 | 13.361 | HH | 3933  | 84957  | 2.44%  | 0.065% |
| 223 | 13.395 | 13.361 | 13.417 | HH | 4185  | 127130 | 3.65%  | 0.097% |
| 224 | 13.436 | 13.417 | 13.455 | HH | 4246  | 91790  | 2.63%  | 0.070% |
| 225 | 13.464 | 13.455 | 13.481 | HH | 4252  | 65235  | 1.87%  | 0.050% |
| 226 | 13.514 | 13.481 | 13.530 | HH | 4417  | 122838 | 3.52%  | 0.094% |
| 227 | 13.554 | 13.530 | 13.574 | HH | 5167  | 123993 | 3.56%  | 0.095% |
| 228 | 13.580 | 13.574 | 13.587 | HH | 4674  | 35525  | 1.02%  | 0.027% |
| 229 | 13.592 | 13.587 | 13.600 | HH | 4714  | 35866  | 1.03%  | 0.028% |
| 230 | 13.608 | 13.600 | 13.631 | HH | 4860  | 88272  | 2.53%  | 0.068% |
| 231 | 13.667 | 13.631 | 13.673 | HH | 5388  | 123277 | 3.54%  | 0.095% |
| 232 | 13.677 | 13.673 | 13.682 | HH | 5375  | 29279  | 0.84%  | 0.022% |
| 233 | 13.704 | 13.682 | 13.727 | HH | 5620  | 142658 | 4.09%  | 0.109% |
| 234 | 13.757 | 13.727 | 13.810 | HH | 12093 | 367052 | 10.53% | 0.281% |
| 235 | 13.826 | 13.810 | 13.846 | HH | 5986  | 123203 | 3.53%  | 0.094% |
| 236 | 13.874 | 13.846 | 13.882 | HH | 5974  | 126240 | 3.62%  | 0.097% |
| 237 | 13.886 | 13.882 | 13.900 | HH | 6008  | 62864  | 1.80%  | 0.048% |
| 238 | 13.913 | 13.900 | 13.934 | HH | 5940  | 112686 | 3.23%  | 0.086% |
| 239 | 13.984 | 13.934 | 14.011 | HH | 6845  | 289741 | 8.31%  | 0.222% |
| 240 | 14.030 | 14.011 | 14.040 | HH | 6455  | 108075 | 3.10%  | 0.083% |
| 241 | 14.055 | 14.040 | 14.079 | HH | 6802  | 154917 | 4.44%  | 0.119% |
| 242 | 14.123 | 14.079 | 14.134 | HH | 7471  | 225110 | 6.46%  | 0.173% |
| 243 | 14.173 | 14.134 | 14.195 | HH | 8173  | 279378 | 8.01%  | 0.214% |
| 244 | 14.204 | 14.195 | 14.210 | HH | 7434  | 65255  | 1.87%  | 0.050% |
| 245 | 14.217 | 14.210 | 14.218 | HH | 7685  | 37860  | 1.09%  | 0.029% |
| 246 | 14.245 | 14.218 | 14.249 | HH | 8287  | 145177 | 4.16%  | 0.111% |
| 247 | 14.258 | 14.249 | 14.299 | HH | 8447  | 243332 | 6.98%  | 0.187% |
| 248 | 14.322 | 14.299 | 14.350 | HH | 14628 | 328761 | 9.43%  | 0.252% |
| 249 | 14.384 | 14.350 | 14.416 | HH | 10051 | 367564 | 10.54% | 0.282% |
| 250 | 14.442 | 14.416 | 14.447 | HH | 9594  | 175341 | 5.03%  | 0.134% |
| 251 | 14.455 | 14.447 | 14.472 | HH | 9633  | 141453 | 4.06%  | 0.108% |
| 252 | 14.489 | 14.472 | 14.514 | HH | 9416  | 225852 | 6.48%  | 0.173% |
| 253 | 14.531 | 14.514 | 14.553 | HH | 9811  | 220504 | 6.33%  | 0.169% |
| 254 | 14.578 | 14.553 | 14.587 | HH | 10091 | 198723 | 5.70%  | 0.152% |
| 255 | 14.610 | 14.587 | 14.631 | HH | 10888 | 265470 | 7.62%  | 0.204% |
| 256 | 14.661 | 14.631 | 14.699 | HH | 20387 | 564042 | 16.18% | 0.433% |
| 257 | 14.719 | 14.699 | 14.736 | HH | 11291 | 240613 | 6.90%  | 0.184% |
| 258 | 14.757 | 14.736 | 14.771 | HH | 11296 | 231664 | 6.65%  | 0.178% |
| 259 | 14.791 | 14.771 | 14.795 | HH | 12052 | 172626 | 4.95%  | 0.132% |
| 260 | 14.804 | 14.795 | 14.824 | HH | 11978 | 202484 | 5.81%  | 0.155% |
| 261 | 14.866 | 14.824 | 14.889 | HH | 20828 | 574484 | 16.48% | 0.441% |
| 262 | 14.894 | 14.889 | 14.913 | HH | 12800 | 183898 | 5.28%  | 0.141% |
| 263 | 14.946 | 14.913 | 14.966 | HH | 14133 | 422792 | 12.13% | 0.324% |
| 264 | 14.982 | 14.966 | 14.990 | HH | 13635 | 195494 | 5.61%  | 0.150% |

|     |        |        |        |    |       |         | rtres  |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 265 | 15.006 | 14.990 | 15.021 | HH | 14072 | 250582  | 7.19%  | 0.192% |
| 266 | 15.030 | 15.021 | 15.041 | HH | 13859 | 164998  | 4.73%  | 0.127% |
| 267 | 15.059 | 15.041 | 15.078 | HH | 14382 | 312383  | 8.96%  | 0.240% |
| 268 | 15.083 | 15.078 | 15.092 | HH | 13692 | 116674  | 3.35%  | 0.089% |
| 269 | 15.112 | 15.092 | 15.126 | HH | 14878 | 288090  | 8.26%  | 0.221% |
| 270 | 15.135 | 15.126 | 15.149 | HH | 14799 | 206418  | 5.92%  | 0.158% |
| 271 | 15.155 | 15.149 | 15.160 | HH | 14444 | 92053   | 2.64%  | 0.071% |
| 272 | 15.191 | 15.160 | 15.218 | HH | 15397 | 520896  | 14.94% | 0.399% |
| 273 | 15.247 | 15.218 | 15.271 | HH | 21429 | 569748  | 16.34% | 0.437% |
| 274 | 15.294 | 15.271 | 15.303 | HH | 17130 | 324654  | 9.31%  | 0.249% |
| 275 | 15.311 | 15.303 | 15.343 | HH | 16817 | 397558  | 11.40% | 0.305% |
| 276 | 15.388 | 15.343 | 15.424 | HH | 27256 | 940959  | 26.99% | 0.722% |
| 277 | 15.438 | 15.424 | 15.449 | HH | 17832 | 268452  | 7.70%  | 0.206% |
| 278 | 15.482 | 15.449 | 15.502 | HH | 20074 | 604044  | 17.33% | 0.463% |
| 279 | 15.522 | 15.502 | 15.550 | HH | 20686 | 551902  | 15.83% | 0.423% |
| 280 | 15.573 | 15.550 | 15.583 | HH | 19460 | 375213  | 10.76% | 0.288% |
| 281 | 15.601 | 15.583 | 15.606 | HH | 19755 | 261259  | 7.49%  | 0.200% |
| 282 | 15.649 | 15.606 | 15.669 | HH | 21357 | 772308  | 22.15% | 0.592% |
| 283 | 15.711 | 15.669 | 15.734 | HH | 21567 | 816335  | 23.42% | 0.626% |
| 284 | 15.738 | 15.734 | 15.742 | HH | 21178 | 105485  | 3.03%  | 0.081% |
| 285 | 15.776 | 15.742 | 15.799 | HH | 23111 | 757536  | 21.73% | 0.581% |
| 286 | 15.817 | 15.799 | 15.829 | HH | 23577 | 408735  | 11.73% | 0.313% |
| 287 | 15.836 | 15.829 | 15.845 | HH | 23268 | 224628  | 6.44%  | 0.172% |
| 288 | 15.849 | 15.845 | 15.856 | HH | 23214 | 145772  | 4.18%  | 0.112% |
| 289 | 15.893 | 15.856 | 15.917 | HH | 36328 | 1054551 | 30.25% | 0.809% |
| 290 | 15.929 | 15.917 | 15.944 | HH | 26395 | 421026  | 12.08% | 0.323% |
| 291 | 15.951 | 15.944 | 15.970 | HH | 25759 | 391889  | 11.24% | 0.300% |
| 292 | 15.989 | 15.970 | 16.007 | HH | 26158 | 573861  | 16.46% | 0.440% |
| 293 | 16.013 | 16.007 | 16.025 | HH | 26298 | 270025  | 7.75%  | 0.207% |
| 294 | 16.028 | 16.025 | 16.036 | HH | 26001 | 171004  | 4.91%  | 0.131% |
| 295 | 16.083 | 16.036 | 16.114 | HH | 30244 | 1333189 | 38.24% | 1.022% |
| 296 | 16.133 | 16.114 | 16.137 | HH | 28961 | 398890  | 11.44% | 0.306% |
| 297 | 16.182 | 16.137 | 16.189 | HH | 31768 | 931221  | 26.71% | 0.714% |
| 298 | 16.197 | 16.189 | 16.215 | HH | 32006 | 482312  | 13.84% | 0.370% |
| 299 | 16.236 | 16.215 | 16.241 | HH | 31498 | 489178  | 14.03% | 0.375% |
| 300 | 16.282 | 16.241 | 16.311 | HH | 33378 | 1358931 | 38.98% | 1.042% |
| 301 | 16.347 | 16.311 | 16.351 | HH | 32592 | 772331  | 22.16% | 0.592% |
| 302 | 16.376 | 16.351 | 16.432 | HH | 48582 | 1836601 | 52.68% | 1.408% |
| 303 | 16.470 | 16.432 | 16.476 | HH | 36570 | 917916  | 26.33% | 0.704% |
| 304 | 16.480 | 16.476 | 16.486 | HH | 36611 | 230984  | 6.63%  | 0.177% |
| 305 | 16.516 | 16.486 | 16.527 | HH | 37636 | 905495  | 25.98% | 0.694% |
| 306 | 16.541 | 16.527 | 16.559 | HH | 39122 | 737932  | 21.17% | 0.566% |
| 307 | 16.595 | 16.559 | 16.619 | HH | 39516 | 1379516 | 39.57% | 1.058% |
| 308 | 16.633 | 16.619 | 16.641 | HH | 37632 | 482640  | 13.85% | 0.370% |
| 309 | 16.661 | 16.641 | 16.670 | HH | 38481 | 648089  | 18.59% | 0.497% |
| 310 | 16.694 | 16.670 | 16.712 | HH | 39567 | 989813  | 28.39% | 0.759% |

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