

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD041218AL\  
Data File : FD022967.D  
Signal(s) : FID2B.CH  
Acq On : 12 Apr 2018 12:34  
Sample : J2161-01  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 031618.M  
Title : GC Extractables

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         | 3.595       | 3.568        | 3.643      | HH       | 929            | 17332        | 0.05%          | 0.002%        |
| 2         | 3.682       | 3.643        | 3.696      | HH       | 929            | 15928        | 0.05%          | 0.002%        |
| 3         | 3.706       | 3.696        | 3.723      | HH       | 795            | 10148        | 0.03%          | 0.001%        |
| 4         | 3.848       | 3.810        | 3.899      | HH       | 2460           | 58932        | 0.18%          | 0.007%        |
| 5         | 3.907       | 3.899        | 3.949      | HH       | 774            | 16835        | 0.05%          | 0.002%        |
| 6         | 3.977       | 3.949        | 4.004      | HH       | 730            | 17265        | 0.05%          | 0.002%        |
| 7         | 4.025       | 4.004        | 4.048      | HH       | 717            | 14432        | 0.04%          | 0.002%        |
| 8         | 4.076       | 4.048        | 4.100      | HH       | 3433           | 42987        | 0.13%          | 0.005%        |
| 9         | 4.118       | 4.100        | 4.168      | HH       | 1310           | 32158        | 0.10%          | 0.004%        |
| 10        | 4.224       | 4.198        | 4.248      | HH       | 1650           | 30818        | 0.09%          | 0.003%        |
| 11        | 4.258       | 4.248        | 4.283      | HH       | 1188           | 21181        | 0.07%          | 0.002%        |
| 12        | 4.299       | 4.283        | 4.311      | HH       | 1251           | 18444        | 0.06%          | 0.002%        |
| 13        | 4.324       | 4.311        | 4.359      | HH       | 2220           | 42872        | 0.13%          | 0.005%        |
| 14        | 4.376       | 4.359        | 4.412      | HH       | 1389           | 36776        | 0.11%          | 0.004%        |
| 15        | 4.458       | 4.412        | 4.474      | HH       | 1997           | 50205        | 0.15%          | 0.006%        |
| 16        | 4.486       | 4.474        | 4.507      | HH       | 1564           | 26626        | 0.08%          | 0.003%        |
| 17        | 4.526       | 4.507        | 4.568      | HH       | 3328           | 58873        | 0.18%          | 0.007%        |
| 18        | 4.597       | 4.568        | 4.645      | HH       | 1398           | 45940        | 0.14%          | 0.005%        |
| 19        | 4.678       | 4.645        | 4.690      | HH       | 1980           | 33267        | 0.10%          | 0.004%        |
| 20        | 4.708       | 4.690        | 4.732      | HH       | 2939           | 52937        | 0.16%          | 0.006%        |
| 21        | 4.751       | 4.732        | 4.775      | HH       | 2913           | 56245        | 0.17%          | 0.006%        |
| 22        | 4.788       | 4.775        | 4.796      | HH       | 2274           | 25351        | 0.08%          | 0.003%        |
| 23        | 4.807       | 4.796        | 4.842      | HH       | 2590           | 44225        | 0.14%          | 0.005%        |
| 24        | 4.865       | 4.842        | 4.875      | HH       | 1095           | 19583        | 0.06%          | 0.002%        |
| 25        | 4.897       | 4.875        | 4.911      | HH       | 1870           | 32272        | 0.10%          | 0.004%        |
| 26        | 4.918       | 4.911        | 4.931      | HH       | 1672           | 18792        | 0.06%          | 0.002%        |
| 27        | 4.954       | 4.931        | 4.964      | HH       | 2408           | 38507        | 0.12%          | 0.004%        |
| 28        | 4.986       | 4.964        | 5.021      | HH       | 2605           | 74497        | 0.23%          | 0.008%        |
| 29        | 5.046       | 5.021        | 5.059      | HH       | 1812           | 35150        | 0.11%          | 0.004%        |
| 30        | 5.067       | 5.059        | 5.081      | HH       | 1486           | 17572        | 0.05%          | 0.002%        |
| 31        | 5.104       | 5.081        | 5.126      | HH       | 13416          | 170742       | 0.52%          | 0.019%        |
| 32        | 5.137       | 5.126        | 5.182      | HH       | 3615           | 73754        | 0.23%          | 0.008%        |
| 33        | 5.191       | 5.182        | 5.204      | HH       | 1509           | 19358        | 0.06%          | 0.002%        |
| 34        | 5.219       | 5.204        | 5.232      | HH       | 1650           | 25026        | 0.08%          | 0.003%        |
| 35        | 5.266       | 5.232        | 5.278      | HH       | 4022           | 64403        | 0.20%          | 0.007%        |
| 36        | 5.290       | 5.278        | 5.330      | HH       | 3628           | 81474        | 0.25%          | 0.009%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.345 | 5.330 | 5.360 | HH | 2698   | 38462   | 0.12%  | 0.004% |
| 38     | 5.381 | 5.360 | 5.418 | HH | 6937   | 145938  | 0.45%  | 0.016% |
| 39     | 5.434 | 5.418 | 5.452 | HH | 3815   | 64688   | 0.20%  | 0.007% |
| 40     | 5.470 | 5.452 | 5.495 | HH | 5507   | 99685   | 0.31%  | 0.011% |
| 41     | 5.503 | 5.495 | 5.535 | HH | 2833   | 63640   | 0.20%  | 0.007% |
| 42     | 5.550 | 5.535 | 5.577 | HH | 3652   | 68413   | 0.21%  | 0.008% |
| 43     | 5.598 | 5.577 | 5.619 | HH | 3479   | 72419   | 0.22%  | 0.008% |
| 44     | 5.644 | 5.619 | 5.720 | HH | 49048  | 805763  | 2.47%  | 0.090% |
| 45     | 5.737 | 5.720 | 5.755 | HH | 5449   | 91704   | 0.28%  | 0.010% |
| 46     | 5.774 | 5.755 | 5.784 | HH | 4951   | 72519   | 0.22%  | 0.008% |
| 47     | 5.801 | 5.784 | 5.840 | HH | 5740   | 144290  | 0.44%  | 0.016% |
| 48     | 5.857 | 5.840 | 5.885 | HH | 4259   | 97031   | 0.30%  | 0.011% |
| 49     | 5.902 | 5.885 | 5.933 | HH | 4253   | 99314   | 0.30%  | 0.011% |
| 50     | 5.954 | 5.933 | 5.978 | HH | 3627   | 88408   | 0.27%  | 0.010% |
| 51     | 6.007 | 5.978 | 6.055 | HH | 5472   | 176565  | 0.54%  | 0.020% |
| 52     | 6.079 | 6.055 | 6.127 | HH | 17258  | 275121  | 0.84%  | 0.031% |
| 53     | 6.162 | 6.127 | 6.175 | HH | 3478   | 85104   | 0.26%  | 0.010% |
| 54     | 6.192 | 6.175 | 6.204 | HH | 4675   | 65586   | 0.20%  | 0.007% |
| 55     | 6.224 | 6.204 | 6.259 | HH | 8620   | 167746  | 0.52%  | 0.019% |
| 56     | 6.271 | 6.259 | 6.284 | HH | 4139   | 57901   | 0.18%  | 0.006% |
| 57     | 6.293 | 6.284 | 6.305 | HH | 3798   | 43975   | 0.14%  | 0.005% |
| 58     | 6.319 | 6.305 | 6.334 | HH | 4259   | 63652   | 0.20%  | 0.007% |
| 59     | 6.351 | 6.334 | 6.371 | HH | 6339   | 101853  | 0.31%  | 0.011% |
| 60     | 6.387 | 6.371 | 6.402 | HH | 5050   | 78721   | 0.24%  | 0.009% |
| 61     | 6.419 | 6.402 | 6.438 | HH | 5085   | 90697   | 0.28%  | 0.010% |
| 62     | 6.467 | 6.438 | 6.498 | HH | 11199  | 229764  | 0.71%  | 0.026% |
| 63     | 6.507 | 6.498 | 6.528 | HH | 4526   | 74191   | 0.23%  | 0.008% |
| 64     | 6.546 | 6.528 | 6.560 | HH | 5000   | 82987   | 0.25%  | 0.009% |
| 65     | 6.585 | 6.560 | 6.606 | HH | 6620   | 150808  | 0.46%  | 0.017% |
| 66     | 6.630 | 6.606 | 6.657 | HH | 7942   | 168494  | 0.52%  | 0.019% |
| 67     | 6.695 | 6.657 | 6.750 | HH | 36058  | 706372  | 2.17%  | 0.079% |
| 68     | 6.773 | 6.750 | 6.803 | HH | 10618  | 228196  | 0.70%  | 0.026% |
| 69     | 6.825 | 6.803 | 6.884 | HH | 33855  | 592994  | 1.82%  | 0.066% |
| 70     | 6.894 | 6.884 | 6.908 | HH | 5459   | 72755   | 0.22%  | 0.008% |
| 71     | 6.929 | 6.908 | 6.946 | HH | 5134   | 110971  | 0.34%  | 0.012% |
| 72     | 6.996 | 6.946 | 7.036 | HH | 24163  | 532182  | 1.63%  | 0.060% |
| 73     | 7.044 | 7.036 | 7.055 | HH | 5798   | 63999   | 0.20%  | 0.007% |
| 74     | 7.064 | 7.055 | 7.104 | HH | 5631   | 148689  | 0.46%  | 0.017% |
| 75     | 7.117 | 7.104 | 7.128 | HH | 4900   | 66607   | 0.20%  | 0.007% |
| 76     | 7.163 | 7.128 | 7.195 | HH | 9364   | 257397  | 0.79%  | 0.029% |
| 77     | 7.212 | 7.195 | 7.237 | HH | 5971   | 130064  | 0.40%  | 0.015% |
| 78     | 7.256 | 7.237 | 7.273 | HH | 6225   | 115021  | 0.35%  | 0.013% |
| 79     | 7.300 | 7.273 | 7.389 | HH | 534314 | 5815852 | 17.86% | 0.651% |
| 80     | 7.424 | 7.389 | 7.494 | HH | 12711  | 547185  | 1.68%  | 0.061% |
| 81     | 7.514 | 7.494 | 7.531 | HH | 8266   | 159654  | 0.49%  | 0.018% |
| 82     | 7.582 | 7.531 | 7.599 | HH | 13478  | 389320  | 1.20%  | 0.044% |
| 83     | 7.611 | 7.599 | 7.632 | HH | 11670  | 184310  | 0.57%  | 0.021% |
| 84     | 7.642 | 7.632 | 7.647 | HH | 6966   | 61410   | 0.19%  | 0.007% |
| 85     | 7.681 | 7.647 | 7.744 | HH | 21065  | 646106  | 1.98%  | 0.072% |
| 86     | 7.780 | 7.744 | 7.797 | HH | 30232  | 490108  | 1.50%  | 0.055% |
| 87     | 7.810 | 7.797 | 7.841 | HH | 20017  | 384845  | 1.18%  | 0.043% |
| 88     | 7.861 | 7.841 | 7.894 | HH | 31730  | 504751  | 1.55%  | 0.056% |
| 89     | 7.904 | 7.894 | 7.911 | HH | 8375   | 84352   | 0.26%  | 0.009% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.962  | 7.911  | 8.024  | HH | 22115  | 984239  | 3.02%  | 0.110% |
| 91  | 8.055  | 8.024  | 8.118  | HH | 12918  | 502796  | 1.54%  | 0.056% |
| 92  | 8.158  | 8.118  | 8.229  | HH | 338748 | 4136936 | 12.70% | 0.463% |
| 93  | 8.250  | 8.229  | 8.296  | HH | 75485  | 1149502 | 3.53%  | 0.129% |
| 94  | 8.311  | 8.296  | 8.337  | HH | 15294  | 316376  | 0.97%  | 0.035% |
| 95  | 8.349  | 8.337  | 8.370  | HH | 11779  | 209922  | 0.64%  | 0.023% |
| 96  | 8.391  | 8.370  | 8.415  | HH | 19138  | 342837  | 1.05%  | 0.038% |
| 97  | 8.445  | 8.415  | 8.471  | HH | 10859  | 300846  | 0.92%  | 0.034% |
| 98  | 8.494  | 8.471  | 8.511  | HH | 16469  | 288928  | 0.89%  | 0.032% |
| 99  | 8.531  | 8.511  | 8.597  | HH | 47334  | 1003316 | 3.08%  | 0.112% |
| 100 | 8.615  | 8.597  | 8.647  | HH | 11115  | 309314  | 0.95%  | 0.035% |
| 101 | 8.676  | 8.647  | 8.696  | HH | 37772  | 616879  | 1.89%  | 0.069% |
| 102 | 8.705  | 8.696  | 8.738  | HH | 15709  | 297753  | 0.91%  | 0.033% |
| 103 | 8.757  | 8.738  | 8.777  | HH | 10009  | 210899  | 0.65%  | 0.024% |
| 104 | 8.816  | 8.777  | 8.837  | HH | 15291  | 381518  | 1.17%  | 0.043% |
| 105 | 8.856  | 8.837  | 8.881  | HH | 13363  | 277160  | 0.85%  | 0.031% |
| 106 | 8.909  | 8.881  | 8.919  | HH | 9627   | 207599  | 0.64%  | 0.023% |
| 107 | 8.952  | 8.919  | 8.980  | HH | 15380  | 417951  | 1.28%  | 0.047% |
| 108 | 8.998  | 8.980  | 9.010  | HH | 10418  | 168043  | 0.52%  | 0.019% |
| 109 | 9.033  | 9.010  | 9.083  | HH | 106144 | 1589901 | 4.88%  | 0.178% |
| 110 | 9.113  | 9.083  | 9.143  | HH | 17388  | 487523  | 1.50%  | 0.055% |
| 111 | 9.155  | 9.143  | 9.163  | HH | 14335  | 165091  | 0.51%  | 0.018% |
| 112 | 9.182  | 9.163  | 9.219  | HH | 25271  | 575976  | 1.77%  | 0.064% |
| 113 | 9.239  | 9.219  | 9.290  | HH | 16676  | 534342  | 1.64%  | 0.060% |
| 114 | 9.302  | 9.290  | 9.337  | HH | 10154  | 271029  | 0.83%  | 0.030% |
| 115 | 9.360  | 9.337  | 9.385  | HH | 22836  | 444298  | 1.36%  | 0.050% |
| 116 | 9.404  | 9.385  | 9.423  | HH | 13333  | 281178  | 0.86%  | 0.031% |
| 117 | 9.452  | 9.423  | 9.503  | HH | 45639  | 1039575 | 3.19%  | 0.116% |
| 118 | 9.525  | 9.503  | 9.588  | HH | 13580  | 556160  | 1.71%  | 0.062% |
| 119 | 9.614  | 9.588  | 9.649  | HH | 11062  | 356792  | 1.10%  | 0.040% |
| 120 | 9.666  | 9.649  | 9.695  | HH | 8870   | 241076  | 0.74%  | 0.027% |
| 121 | 9.726  | 9.695  | 9.748  | HH | 10089  | 290201  | 0.89%  | 0.032% |
| 122 | 9.795  | 9.748  | 9.807  | HH | 13517  | 395536  | 1.21%  | 0.044% |
| 123 | 9.835  | 9.807  | 9.861  | HH | 18686  | 469248  | 1.44%  | 0.053% |
| 124 | 9.882  | 9.861  | 9.891  | HH | 15003  | 236246  | 0.73%  | 0.026% |
| 125 | 9.916  | 9.891  | 9.941  | HH | 28159  | 602076  | 1.85%  | 0.067% |
| 126 | 9.958  | 9.941  | 9.999  | HH | 18410  | 517187  | 1.59%  | 0.058% |
| 127 | 10.027 | 9.999  | 10.073 | HH | 21927  | 671589  | 2.06%  | 0.075% |
| 128 | 10.089 | 10.073 | 10.126 | HH | 13480  | 418363  | 1.28%  | 0.047% |
| 129 | 10.186 | 10.126 | 10.212 | HH | 43206  | 1089194 | 3.34%  | 0.122% |
| 130 | 10.241 | 10.212 | 10.288 | HH | 34888  | 1065067 | 3.27%  | 0.119% |
| 131 | 10.297 | 10.288 | 10.319 | HH | 14336  | 250802  | 0.77%  | 0.028% |
| 132 | 10.334 | 10.319 | 10.349 | HH | 16207  | 253372  | 0.78%  | 0.028% |
| 133 | 10.358 | 10.349 | 10.380 | HH | 13322  | 240529  | 0.74%  | 0.027% |
| 134 | 10.426 | 10.380 | 10.485 | HH | 481516 | 5935051 | 18.22% | 0.664% |
| 135 | 10.504 | 10.485 | 10.553 | HH | 128196 | 2051460 | 6.30%  | 0.230% |
| 136 | 10.573 | 10.553 | 10.620 | HH | 20882  | 705048  | 2.16%  | 0.079% |
| 137 | 10.636 | 10.620 | 10.671 | HH | 15649  | 424822  | 1.30%  | 0.048% |
| 138 | 10.689 | 10.671 | 10.711 | HH | 13120  | 295550  | 0.91%  | 0.033% |
| 139 | 10.749 | 10.711 | 10.806 | HH | 34558  | 1135412 | 3.49%  | 0.127% |
| 140 | 10.821 | 10.806 | 10.845 | HH | 18383  | 387636  | 1.19%  | 0.043% |
| 141 | 10.884 | 10.845 | 10.925 | HH | 35847  | 943071  | 2.90%  | 0.106% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 10.957 | 10.925 | 11.004 | HH | 32708   | 1006782  | 3.09%  | 0.113% |
| 143    | 11.028 | 11.004 | 11.050 | HH | 18995   | 441536   | 1.36%  | 0.049% |
| 144    | 11.083 | 11.050 | 11.140 | HH | 20717   | 853306   | 2.62%  | 0.096% |
| 145    | 11.189 | 11.140 | 11.211 | HH | 657061  | 7707962  | 23.67% | 0.863% |
| 146    | 11.227 | 11.211 | 11.244 | HH | 69920   | 905774   | 2.78%  | 0.101% |
| 147    | 11.260 | 11.244 | 11.300 | HH | 76207   | 1291953  | 3.97%  | 0.145% |
| 148    | 11.336 | 11.300 | 11.360 | HH | 110733  | 1749994  | 5.37%  | 0.196% |
| 149    | 11.375 | 11.360 | 11.389 | HH | 46986   | 647094   | 1.99%  | 0.072% |
| 150    | 11.406 | 11.389 | 11.472 | HH | 58405   | 1380713  | 4.24%  | 0.155% |
| 151    | 11.550 | 11.472 | 11.575 | HH | 32714   | 1246470  | 3.83%  | 0.140% |
| 152    | 11.607 | 11.575 | 11.636 | HH | 403918  | 4980034  | 15.29% | 0.557% |
| 153    | 11.646 | 11.636 | 11.677 | HH | 23508   | 507217   | 1.56%  | 0.057% |
| 154    | 11.699 | 11.677 | 11.744 | HH | 42791   | 1031986  | 3.17%  | 0.116% |
| 155    | 11.762 | 11.744 | 11.805 | HH | 20431   | 677694   | 2.08%  | 0.076% |
| 156    | 11.840 | 11.805 | 11.866 | HH | 22234   | 692424   | 2.13%  | 0.077% |
| 157    | 11.901 | 11.866 | 11.916 | HH | 20172   | 583658   | 1.79%  | 0.065% |
| 158    | 11.970 | 11.916 | 11.994 | HH | 24024   | 990913   | 3.04%  | 0.111% |
| 159    | 12.017 | 11.994 | 12.076 | HH | 32883   | 1171341  | 3.60%  | 0.131% |
| 160    | 12.124 | 12.076 | 12.145 | HH | 62553   | 1428281  | 4.39%  | 0.160% |
| 161    | 12.163 | 12.145 | 12.170 | HH | 34198   | 485062   | 1.49%  | 0.054% |
| 162    | 12.187 | 12.170 | 12.215 | HH | 49317   | 957261   | 2.94%  | 0.107% |
| 163    | 12.240 | 12.215 | 12.306 | HH | 561387  | 7372351  | 22.64% | 0.825% |
| 164    | 12.337 | 12.306 | 12.367 | HH | 25844   | 788897   | 2.42%  | 0.088% |
| 165    | 12.394 | 12.367 | 12.411 | HH | 33209   | 747279   | 2.29%  | 0.084% |
| 166    | 12.428 | 12.411 | 12.448 | HH | 38559   | 711011   | 2.18%  | 0.080% |
| 167    | 12.459 | 12.448 | 12.478 | HH | 31104   | 505983   | 1.55%  | 0.057% |
| 168    | 12.490 | 12.478 | 12.503 | HH | 26448   | 394436   | 1.21%  | 0.044% |
| 169    | 12.534 | 12.503 | 12.571 | HH | 483151  | 6195497  | 19.02% | 0.693% |
| 170    | 12.632 | 12.571 | 12.661 | HH | 1546063 | 31699903 | 97.34% | 3.548% |
| 171    | 12.681 | 12.661 | 12.701 | HH | 853041  | 9738925  | 29.90% | 1.090% |
| 172    | 12.710 | 12.701 | 12.758 | HH | 91513   | 1648345  | 5.06%  | 0.184% |
| 173    | 12.819 | 12.758 | 12.831 | HH | 47044   | 1571867  | 4.83%  | 0.176% |
| 174    | 12.853 | 12.831 | 12.904 | HH | 173502  | 3033074  | 9.31%  | 0.339% |
| 175    | 12.946 | 12.904 | 12.976 | HH | 39273   | 1398908  | 4.30%  | 0.157% |
| 176    | 13.004 | 12.976 | 13.076 | HH | 55158   | 2092814  | 6.43%  | 0.234% |
| 177    | 13.137 | 13.076 | 13.176 | HH | 118462  | 3200830  | 9.83%  | 0.358% |
| 178    | 13.194 | 13.176 | 13.212 | HH | 36470   | 703976   | 2.16%  | 0.079% |
| 179    | 13.238 | 13.212 | 13.260 | HH | 103599  | 1739036  | 5.34%  | 0.195% |
| 180    | 13.279 | 13.260 | 13.332 | HH | 70130   | 2001198  | 6.14%  | 0.224% |
| 181    | 13.402 | 13.332 | 13.426 | HH | 66967   | 2640202  | 8.11%  | 0.296% |
| 182    | 13.446 | 13.426 | 13.475 | HH | 55728   | 1291079  | 3.96%  | 0.145% |
| 183    | 13.485 | 13.475 | 13.496 | HH | 36325   | 454449   | 1.40%  | 0.051% |
| 184    | 13.504 | 13.496 | 13.547 | HH | 36258   | 1031144  | 3.17%  | 0.115% |
| 185    | 13.571 | 13.547 | 13.585 | HH | 37396   | 794621   | 2.44%  | 0.089% |
| 186    | 13.593 | 13.585 | 13.613 | HH | 35570   | 585791   | 1.80%  | 0.066% |
| 187    | 13.634 | 13.613 | 13.648 | HH | 38312   | 762324   | 2.34%  | 0.085% |
| 188    | 13.663 | 13.648 | 13.677 | HH | 39702   | 663380   | 2.04%  | 0.074% |
| 189    | 13.687 | 13.677 | 13.701 | HH | 37946   | 522397   | 1.60%  | 0.058% |
| 190    | 13.718 | 13.701 | 13.742 | HH | 37362   | 885761   | 2.72%  | 0.099% |
| 191    | 13.763 | 13.742 | 13.774 | HH | 37353   | 698618   | 2.15%  | 0.078% |
| 192    | 13.792 | 13.774 | 13.803 | HH | 40906   | 685895   | 2.11%  | 0.077% |
| 193    | 13.830 | 13.803 | 13.884 | HH | 55355   | 2277828  | 6.99%  | 0.255% |
| 194    | 13.904 | 13.884 | 13.914 | HH | 45835   | 765741   | 2.35%  | 0.086% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.938 | 13.914 | 13.955 | HH | 56673  | 1246032 | 3.83%  | 0.139% |
| 196 | 13.967 | 13.955 | 13.982 | HH | 51958  | 820396  | 2.52%  | 0.092% |
| 197 | 13.998 | 13.982 | 14.020 | HH | 54267  | 1075789 | 3.30%  | 0.120% |
| 198 | 14.044 | 14.020 | 14.070 | HH | 66361  | 1631025 | 5.01%  | 0.183% |
| 199 | 14.101 | 14.070 | 14.144 | HH | 80028  | 2669100 | 8.20%  | 0.299% |
| 200 | 14.165 | 14.144 | 14.193 | HH | 61720  | 1476868 | 4.53%  | 0.165% |
| 201 | 14.218 | 14.193 | 14.243 | HH | 55879  | 1456410 | 4.47%  | 0.163% |
| 202 | 14.259 | 14.243 | 14.273 | HH | 47940  | 819701  | 2.52%  | 0.092% |
| 203 | 14.294 | 14.273 | 14.335 | HH | 54487  | 1756343 | 5.39%  | 0.197% |
| 204 | 14.349 | 14.335 | 14.364 | HH | 44281  | 762471  | 2.34%  | 0.085% |
| 205 | 14.413 | 14.364 | 14.434 | HH | 282436 | 4846308 | 14.88% | 0.542% |
| 206 | 14.454 | 14.434 | 14.528 | HH | 254761 | 5658547 | 17.37% | 0.633% |
| 207 | 14.572 | 14.528 | 14.600 | HH | 95901  | 2766237 | 8.49%  | 0.310% |
| 208 | 14.622 | 14.600 | 14.685 | HH | 67849  | 2865295 | 8.80%  | 0.321% |
| 209 | 14.718 | 14.685 | 14.738 | HH | 60263  | 1819638 | 5.59%  | 0.204% |
| 210 | 14.765 | 14.738 | 14.814 | HH | 72184  | 2771650 | 8.51%  | 0.310% |
| 211 | 14.823 | 14.814 | 14.831 | HH | 54095  | 564828  | 1.73%  | 0.063% |
| 212 | 14.863 | 14.831 | 14.939 | HH | 80114  | 4217841 | 12.95% | 0.472% |
| 213 | 14.996 | 14.939 | 15.021 | HH | 66626  | 2956374 | 9.08%  | 0.331% |
| 214 | 15.048 | 15.021 | 15.067 | HH | 81381  | 1919059 | 5.89%  | 0.215% |
| 215 | 15.088 | 15.067 | 15.112 | HH | 132512 | 2569060 | 7.89%  | 0.288% |
| 216 | 15.129 | 15.112 | 15.165 | HH | 81714  | 2210507 | 6.79%  | 0.247% |
| 217 | 15.182 | 15.165 | 15.211 | HH | 77469  | 2000382 | 6.14%  | 0.224% |
| 218 | 15.251 | 15.211 | 15.295 | HH | 90951  | 3994349 | 12.26% | 0.447% |
| 219 | 15.320 | 15.295 | 15.348 | HH | 76461  | 2253244 | 6.92%  | 0.252% |
| 220 | 15.372 | 15.348 | 15.386 | HH | 69401  | 1548557 | 4.75%  | 0.173% |
| 221 | 15.412 | 15.386 | 15.458 | HH | 75268  | 2997393 | 9.20%  | 0.335% |
| 222 | 15.492 | 15.458 | 15.505 | HH | 77110  | 2059103 | 6.32%  | 0.230% |
| 223 | 15.515 | 15.505 | 15.525 | HH | 77582  | 903369  | 2.77%  | 0.101% |
| 224 | 15.549 | 15.525 | 15.575 | HH | 78404  | 2216938 | 6.81%  | 0.248% |
| 225 | 15.592 | 15.575 | 15.621 | HH | 74952  | 2021174 | 6.21%  | 0.226% |
| 226 | 15.678 | 15.621 | 15.717 | HH | 83878  | 4513221 | 13.86% | 0.505% |
| 227 | 15.785 | 15.717 | 15.821 | HH | 95771  | 5265552 | 16.17% | 0.589% |
| 228 | 15.881 | 15.821 | 15.891 | HH | 94073  | 3665798 | 11.26% | 0.410% |
| 229 | 15.903 | 15.891 | 15.938 | HH | 93400  | 2504142 | 7.69%  | 0.280% |
| 230 | 15.978 | 15.938 | 15.998 | HH | 317612 | 6155324 | 18.90% | 0.689% |
| 231 | 16.008 | 15.998 | 16.055 | HH | 170191 | 4333805 | 13.31% | 0.485% |
| 232 | 16.064 | 16.055 | 16.087 | HH | 97363  | 1831136 | 5.62%  | 0.205% |
| 233 | 16.115 | 16.087 | 16.138 | HH | 134704 | 3475407 | 10.67% | 0.389% |
| 234 | 16.148 | 16.138 | 16.184 | HH | 109172 | 2822159 | 8.67%  | 0.316% |
| 235 | 16.241 | 16.184 | 16.253 | HH | 120434 | 4274773 | 13.13% | 0.478% |
| 236 | 16.261 | 16.253 | 16.275 | HH | 114616 | 1480590 | 4.55%  | 0.166% |
| 237 | 16.298 | 16.275 | 16.337 | HH | 220540 | 5631891 | 17.29% | 0.630% |
| 238 | 16.361 | 16.337 | 16.417 | HH | 258780 | 7530985 | 23.12% | 0.843% |
| 239 | 16.437 | 16.417 | 16.449 | HH | 132115 | 2405039 | 7.38%  | 0.269% |
| 240 | 16.467 | 16.449 | 16.492 | HH | 154251 | 3507685 | 10.77% | 0.393% |
| 241 | 16.506 | 16.492 | 16.529 | HH | 123801 | 2674232 | 8.21%  | 0.299% |
| 242 | 16.537 | 16.529 | 16.549 | HH | 118505 | 1403499 | 4.31%  | 0.157% |
| 243 | 16.609 | 16.549 | 16.618 | HH | 131398 | 5066217 | 15.56% | 0.567% |
| 244 | 16.641 | 16.618 | 16.666 | HH | 138246 | 3809360 | 11.70% | 0.426% |
| 245 | 16.689 | 16.666 | 16.699 | HH | 127013 | 2442955 | 7.50%  | 0.273% |
| 246 | 16.727 | 16.699 | 16.745 | HH | 155970 | 3885117 | 11.93% | 0.435% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 16.762 | 16.745 | 16.784 | HH | 144706 | 3251217  | 9.98%  | 0.364% |
| 248    | 16.808 | 16.784 | 16.851 | HH | 145290 | 5511906  | 16.92% | 0.617% |
| 249    | 16.890 | 16.851 | 16.917 | HH | 153152 | 5636971  | 17.31% | 0.631% |
| 250    | 16.962 | 16.917 | 17.002 | HH | 149149 | 7090378  | 21.77% | 0.794% |
|        |        |        |        |    |        |          |        |        |
| 251    | 17.030 | 17.002 | 17.108 | HH | 153032 | 9050486  | 27.79% | 1.013% |
| 252    | 17.152 | 17.108 | 17.166 | HH | 145129 | 4951797  | 15.20% | 0.554% |
| 253    | 17.196 | 17.166 | 17.206 | HH | 145792 | 3451315  | 10.60% | 0.386% |
| 254    | 17.223 | 17.206 | 17.244 | HH | 148892 | 3290022  | 10.10% | 0.368% |
| 255    | 17.265 | 17.244 | 17.281 | HH | 152657 | 3331126  | 10.23% | 0.373% |
|        |        |        |        |    |        |          |        |        |
| 256    | 17.300 | 17.281 | 17.308 | HH | 156074 | 2444558  | 7.51%  | 0.274% |
| 257    | 17.330 | 17.308 | 17.365 | HH | 167467 | 5368054  | 16.48% | 0.601% |
| 258    | 17.428 | 17.365 | 17.515 | HH | 195113 | 14951481 | 45.91% | 1.673% |
| 259    | 17.536 | 17.515 | 17.554 | HH | 162081 | 3821309  | 11.73% | 0.428% |
| 260    | 17.585 | 17.554 | 17.595 | HH | 168741 | 3959751  | 12.16% | 0.443% |
|        |        |        |        |    |        |          |        |        |
| 261    | 17.655 | 17.595 | 17.717 | HH | 184189 | 12745957 | 39.14% | 1.427% |
| 262    | 17.752 | 17.717 | 17.773 | HH | 235300 | 6655773  | 20.44% | 0.745% |
| 263    | 17.794 | 17.773 | 17.860 | HH | 229187 | 10078655 | 30.95% | 1.128% |
| 264    | 17.884 | 17.860 | 17.899 | HH | 192292 | 4292341  | 13.18% | 0.480% |
| 265    | 17.916 | 17.899 | 17.938 | HH | 190815 | 4324700  | 13.28% | 0.484% |
|        |        |        |        |    |        |          |        |        |
| 266    | 17.952 | 17.938 | 17.980 | HH | 182735 | 4520617  | 13.88% | 0.506% |
| 267    | 18.006 | 17.980 | 18.064 | HH | 220873 | 9818062  | 30.15% | 1.099% |
| 268    | 18.082 | 18.064 | 18.094 | HH | 187776 | 3288030  | 10.10% | 0.368% |
| 269    | 18.148 | 18.094 | 18.198 | HH | 209555 | 12191288 | 37.43% | 1.365% |
| 270    | 18.215 | 18.198 | 18.235 | HH | 210560 | 4512638  | 13.86% | 0.505% |
|        |        |        |        |    |        |          |        |        |
| 271    | 18.264 | 18.235 | 18.335 | HH | 213101 | 11845476 | 36.37% | 1.326% |
| 272    | 18.404 | 18.335 | 18.419 | HH | 204948 | 10084764 | 30.97% | 1.129% |
| 273    | 18.433 | 18.419 | 18.455 | HH | 205883 | 4351196  | 13.36% | 0.487% |
| 274    | 18.471 | 18.455 | 18.484 | HH | 207018 | 3639527  | 11.18% | 0.407% |
| 275    | 18.546 | 18.484 | 18.591 | HH | 233412 | 13730563 | 42.16% | 1.537% |
|        |        |        |        |    |        |          |        |        |
| 276    | 18.615 | 18.591 | 18.663 | HH | 221755 | 9189932  | 28.22% | 1.029% |
| 277    | 18.677 | 18.663 | 18.693 | HH | 210909 | 3680194  | 11.30% | 0.412% |
| 278    | 18.728 | 18.693 | 18.756 | HH | 215223 | 8068264  | 24.77% | 0.903% |
| 279    | 18.767 | 18.756 | 18.788 | HH | 212841 | 4058306  | 12.46% | 0.454% |
| 280    | 18.931 | 18.788 | 18.965 | HH | 239179 | 22984108 | 70.57% | 2.573% |
|        |        |        |        |    |        |          |        |        |
| 281    | 18.981 | 18.965 | 18.995 | HH | 223264 | 3967034  | 12.18% | 0.444% |
| 282    | 19.022 | 18.995 | 19.045 | HH | 231353 | 6739714  | 20.69% | 0.754% |
| 283    | 19.063 | 19.045 | 19.072 | HH | 225215 | 3696435  | 11.35% | 0.414% |
| 284    | 19.097 | 19.072 | 19.110 | HH | 229888 | 5068862  | 15.56% | 0.567% |
| 285    | 19.125 | 19.110 | 19.138 | HH | 229298 | 3868423  | 11.88% | 0.433% |
|        |        |        |        |    |        |          |        |        |
| 286    | 19.183 | 19.138 | 19.211 | HH | 243953 | 10397889 | 31.93% | 1.164% |
| 287    | 19.251 | 19.211 | 19.280 | HH | 253490 | 10046959 | 30.85% | 1.125% |
| 288    | 19.311 | 19.280 | 19.341 | HH | 257722 | 9229800  | 28.34% | 1.033% |
| 289    | 19.349 | 19.341 | 19.388 | HH | 250523 | 6930936  | 21.28% | 0.776% |
| 290    | 19.431 | 19.388 | 19.462 | HH | 255133 | 11174803 | 34.31% | 1.251% |
|        |        |        |        |    |        |          |        |        |
| 291    | 19.481 | 19.462 | 19.499 | HH | 257829 | 5653153  | 17.36% | 0.633% |
| 292    | 19.566 | 19.499 | 19.605 | HH | 268393 | 16405935 | 50.38% | 1.836% |
| 293    | 19.649 | 19.605 | 19.661 | HH | 263635 | 8805591  | 27.04% | 0.986% |
| 294    | 19.705 | 19.661 | 19.744 | HH | 273364 | 13342507 | 40.97% | 1.493% |
| 295    | 19.769 | 19.744 | 19.785 | HH | 271383 | 6479840  | 19.90% | 0.725% |
|        |        |        |        |    |        |          |        |        |
| 296    | 19.806 | 19.785 | 19.812 | HH | 269981 | 4390919  | 13.48% | 0.491% |
| 297    | 19.847 | 19.812 | 19.875 | HH | 279292 | 10320883 | 31.69% | 1.155% |
| 298    | 19.890 | 19.875 | 19.904 | HH | 277641 | 4851372  | 14.90% | 0.543% |
| 299    | 19.927 | 19.904 | 19.952 | HH | 280711 | 8119494  | 24.93% | 0.909% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     |                         | rters     |         |        |
| 300 | 19.965 | 19.952 | 19.982 | HH  | 283915                  | 4994372   | 15.34%  | 0.559% |
| 301 | 20.033 | 19.982 | 20.058 | HH  | 292321                  | 13004990  | 39.93%  | 1.456% |
| 302 | 20.077 | 20.058 | 20.091 | HH  | 290251                  | 5770334   | 17.72%  | 0.646% |
| 303 | 20.115 | 20.091 | 20.136 | HH  | 288672                  | 7713474   | 23.68%  | 0.863% |
| 304 | 20.152 | 20.136 | 20.171 | HH  | 285887                  | 5851912   | 17.97%  | 0.655% |
| 305 | 20.192 | 20.171 | 20.206 | HH  | 290083                  | 6122501   | 18.80%  | 0.685% |
| 306 | 20.367 | 20.206 | 20.388 | HH  | 316748                  | 32567582  | 100.00% | 3.645% |
| 307 | 20.397 | 20.388 | 20.411 | HH  | 311190                  | 4342079   | 13.33%  | 0.486% |
| 308 | 20.431 | 20.411 | 20.455 | HH  | 311672                  | 8087878   | 24.83%  | 0.905% |
| 309 | 20.460 | 20.455 | 20.582 | HH  | 309389                  | 22812275  | 70.05%  | 2.553% |
| 310 | 20.591 | 20.582 | 20.613 | HH  | 290720                  | 5370208   | 16.49%  | 0.601% |
| 311 | 20.630 | 20.613 | 20.689 | HH  | 285028                  | 12686228  | 38.95%  | 1.420% |
| 312 | 20.726 | 20.689 | 20.755 | HH  | 281939                  | 10984253  | 33.73%  | 1.229% |
| 313 | 20.770 | 20.755 | 20.791 | HH  | 277391                  | 5988757   | 18.39%  | 0.670% |
| 314 | 20.816 | 20.791 | 20.845 | HH  | 279852                  | 8823462   | 27.09%  | 0.988% |
| 315 | 20.910 | 20.845 | 20.931 | HH  | 280963                  | 14413625  | 44.26%  | 1.613% |
| 316 | 20.946 | 20.931 | 21.001 | HHA | 277943                  | 11719781  | 35.99%  | 1.312% |
|     |        |        |        |     | Sum of corrected areas: | 893451618 |         |        |

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