

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD041118AL\  
Data File : FD022933.D  
Signal(s) : FID2B.CH  
Acq On : 11 Apr 2018 3:48  
Sample : J2157-07  
Misc :  
ALS Vial : 65 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         | 3.603       | 3.572        | 3.638      | HH       | 428            | 11040        | 0.04%          | 0.001%        |
| 2         | 3.722       | 3.638        | 3.758      | HH       | 1007           | 28021        | 0.10%          | 0.003%        |
| 3         | 3.984       | 3.948        | 4.012      | HH       | 532            | 13098        | 0.05%          | 0.001%        |
| 4         | 4.038       | 4.012        | 4.058      | HH       | 490            | 10568        | 0.04%          | 0.001%        |
| 5         | 4.085       | 4.058        | 4.118      | HH       | 697            | 17808        | 0.06%          | 0.002%        |
| 6         | 4.140       | 4.118        | 4.177      | HH       | 488            | 13572        | 0.05%          | 0.002%        |
| 7         | 4.266       | 4.244        | 4.311      | HH       | 773            | 22980        | 0.08%          | 0.003%        |
| 8         | 4.329       | 4.311        | 4.375      | HH       | 767            | 17354        | 0.06%          | 0.002%        |
| 9         | 4.393       | 4.375        | 4.421      | HH       | 530            | 10536        | 0.04%          | 0.001%        |
| 10        | 4.466       | 4.421        | 4.505      | HH       | 727            | 23038        | 0.08%          | 0.003%        |
| 11        | 4.532       | 4.505        | 4.567      | HH       | 904            | 19050        | 0.07%          | 0.002%        |
| 12        | 4.595       | 4.567        | 4.616      | HH       | 458            | 10823        | 0.04%          | 0.001%        |
| 13        | 4.706       | 4.645        | 4.735      | HH       | 809            | 25523        | 0.09%          | 0.003%        |
| 14        | 4.773       | 4.735        | 4.791      | HH       | 799            | 20502        | 0.07%          | 0.002%        |
| 15        | 4.814       | 4.791        | 4.844      | HH       | 665            | 15756        | 0.06%          | 0.002%        |
| 16        | 4.901       | 4.844        | 4.915      | HH       | 595            | 18910        | 0.07%          | 0.002%        |
| 17        | 4.978       | 4.915        | 5.005      | HH       | 1095           | 36367        | 0.13%          | 0.004%        |
| 18        | 5.014       | 5.005        | 5.038      | HH       | 733            | 11750        | 0.04%          | 0.001%        |
| 19        | 5.114       | 5.087        | 5.132      | HH       | 2195           | 31166        | 0.11%          | 0.003%        |
| 20        | 5.145       | 5.132        | 5.190      | HH       | 1273           | 26444        | 0.10%          | 0.003%        |
| 21        | 5.214       | 5.190        | 5.247      | HH       | 690            | 20324        | 0.07%          | 0.002%        |
| 22        | 5.271       | 5.247        | 5.311      | HH       | 1977           | 40691        | 0.15%          | 0.005%        |
| 23        | 5.323       | 5.311        | 5.338      | HH       | 807            | 11993        | 0.04%          | 0.001%        |
| 24        | 5.351       | 5.338        | 5.368      | HH       | 840            | 12786        | 0.05%          | 0.001%        |
| 25        | 5.389       | 5.368        | 5.431      | HH       | 1044           | 28365        | 0.10%          | 0.003%        |
| 26        | 5.447       | 5.431        | 5.464      | HH       | 940            | 15829        | 0.06%          | 0.002%        |
| 27        | 5.485       | 5.464        | 5.537      | HH       | 868            | 31810        | 0.12%          | 0.004%        |
| 28        | 5.555       | 5.537        | 5.566      | HH       | 853            | 12409        | 0.04%          | 0.001%        |
| 29        | 5.597       | 5.566        | 5.638      | HH       | 1252           | 37853        | 0.14%          | 0.004%        |
| 30        | 5.659       | 5.638        | 5.667      | HH       | 992            | 15101        | 0.05%          | 0.002%        |
| 31        | 5.688       | 5.667        | 5.711      | HH       | 1370           | 31040        | 0.11%          | 0.003%        |
| 32        | 5.729       | 5.711        | 5.761      | HH       | 1507           | 36640        | 0.13%          | 0.004%        |
| 33        | 5.774       | 5.761        | 5.787      | HH       | 1369           | 18360        | 0.07%          | 0.002%        |
| 34        | 5.809       | 5.787        | 5.849      | HH       | 2019           | 49765        | 0.18%          | 0.006%        |
| 35        | 5.873       | 5.849        | 5.901      | HH       | 1301           | 35304        | 0.13%          | 0.004%        |
| 36        | 5.909       | 5.901        | 5.921      | HH       | 1142           | 12877        | 0.05%          | 0.001%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.985 | 5.921 | 5.998 | HH | 1460   | 56804   | 0.21%  | 0.006% |
| 38     | 6.012 | 5.998 | 6.062 | HH | 1580   | 49768   | 0.18%  | 0.006% |
| 39     | 6.085 | 6.062 | 6.129 | HH | 2021   | 57447   | 0.21%  | 0.006% |
| 40     | 6.149 | 6.129 | 6.157 | HH | 1330   | 19489   | 0.07%  | 0.002% |
| 41     | 6.169 | 6.157 | 6.182 | HH | 1380   | 19316   | 0.07%  | 0.002% |
| 42     | 6.195 | 6.182 | 6.209 | HH | 1514   | 21538   | 0.08%  | 0.002% |
| 43     | 6.230 | 6.209 | 6.284 | HH | 2337   | 72966   | 0.26%  | 0.008% |
| 44     | 6.322 | 6.284 | 6.345 | HH | 1495   | 46286   | 0.17%  | 0.005% |
| 45     | 6.391 | 6.345 | 6.408 | HH | 1807   | 54745   | 0.20%  | 0.006% |
| 46     | 6.420 | 6.408 | 6.437 | HH | 1471   | 24092   | 0.09%  | 0.003% |
| 47     | 6.456 | 6.437 | 6.466 | HH | 1550   | 24495   | 0.09%  | 0.003% |
| 48     | 6.484 | 6.466 | 6.501 | HH | 1571   | 31257   | 0.11%  | 0.003% |
| 49     | 6.517 | 6.501 | 6.535 | HH | 1925   | 31728   | 0.11%  | 0.004% |
| 50     | 6.554 | 6.535 | 6.566 | HH | 1889   | 30951   | 0.11%  | 0.003% |
| 51     | 6.592 | 6.566 | 6.610 | HH | 2024   | 47362   | 0.17%  | 0.005% |
| 52     | 6.633 | 6.610 | 6.658 | HH | 2124   | 53633   | 0.19%  | 0.006% |
| 53     | 6.685 | 6.658 | 6.696 | HH | 2237   | 44627   | 0.16%  | 0.005% |
| 54     | 6.704 | 6.696 | 6.725 | HH | 2077   | 33359   | 0.12%  | 0.004% |
| 55     | 6.736 | 6.725 | 6.751 | HH | 1906   | 28229   | 0.10%  | 0.003% |
| 56     | 6.777 | 6.751 | 6.818 | HH | 3587   | 91473   | 0.33%  | 0.010% |
| 57     | 6.839 | 6.818 | 6.851 | HH | 2349   | 40867   | 0.15%  | 0.005% |
| 58     | 6.862 | 6.851 | 6.883 | HH | 2263   | 39274   | 0.14%  | 0.004% |
| 59     | 6.896 | 6.883 | 6.915 | HH | 2139   | 37664   | 0.14%  | 0.004% |
| 60     | 6.936 | 6.915 | 6.957 | HH | 2185   | 50681   | 0.18%  | 0.006% |
| 61     | 7.000 | 6.957 | 7.033 | HH | 3732   | 111073  | 0.40%  | 0.012% |
| 62     | 7.048 | 7.033 | 7.065 | HH | 2162   | 37500   | 0.14%  | 0.004% |
| 63     | 7.072 | 7.065 | 7.101 | HH | 2083   | 43178   | 0.16%  | 0.005% |
| 64     | 7.122 | 7.101 | 7.142 | HH | 2218   | 49248   | 0.18%  | 0.005% |
| 65     | 7.166 | 7.142 | 7.200 | HH | 3266   | 83096   | 0.30%  | 0.009% |
| 66     | 7.215 | 7.200 | 7.237 | HH | 2094   | 45285   | 0.16%  | 0.005% |
| 67     | 7.263 | 7.237 | 7.277 | HH | 3210   | 59728   | 0.22%  | 0.007% |
| 68     | 7.303 | 7.277 | 7.394 | HH | 419808 | 4569891 | 16.53% | 0.510% |
| 69     | 7.405 | 7.394 | 7.431 | HH | 4832   | 98090   | 0.35%  | 0.011% |
| 70     | 7.442 | 7.431 | 7.498 | HH | 3953   | 139985  | 0.51%  | 0.016% |
| 71     | 7.516 | 7.498 | 7.526 | HH | 3153   | 50648   | 0.18%  | 0.006% |
| 72     | 7.557 | 7.526 | 7.567 | HH | 3453   | 81965   | 0.30%  | 0.009% |
| 73     | 7.583 | 7.567 | 7.602 | HH | 4100   | 75347   | 0.27%  | 0.008% |
| 74     | 7.614 | 7.602 | 7.630 | HH | 3376   | 52363   | 0.19%  | 0.006% |
| 75     | 7.645 | 7.630 | 7.663 | HH | 3163   | 57939   | 0.21%  | 0.006% |
| 76     | 7.684 | 7.663 | 7.701 | HH | 4587   | 80883   | 0.29%  | 0.009% |
| 77     | 7.722 | 7.701 | 7.751 | HH | 3939   | 100653  | 0.36%  | 0.011% |
| 78     | 7.770 | 7.751 | 7.780 | HH | 3330   | 54488   | 0.20%  | 0.006% |
| 79     | 7.797 | 7.780 | 7.813 | HH | 3855   | 68475   | 0.25%  | 0.008% |
| 80     | 7.863 | 7.813 | 7.895 | HH | 6588   | 210704  | 0.76%  | 0.023% |
| 81     | 7.938 | 7.895 | 7.980 | HH | 12304  | 304544  | 1.10%  | 0.034% |
| 82     | 7.998 | 7.980 | 8.048 | HH | 6821   | 178767  | 0.65%  | 0.020% |
| 83     | 8.066 | 8.048 | 8.087 | HH | 4388   | 88647   | 0.32%  | 0.010% |
| 84     | 8.097 | 8.087 | 8.138 | HH | 3688   | 100243  | 0.36%  | 0.011% |
| 85     | 8.161 | 8.138 | 8.275 | HH | 248926 | 3288864 | 11.90% | 0.367% |
| 86     | 8.288 | 8.275 | 8.321 | HH | 7181   | 164515  | 0.60%  | 0.018% |
| 87     | 8.330 | 8.321 | 8.338 | HH | 4976   | 49267   | 0.18%  | 0.005% |
| 88     | 8.354 | 8.338 | 8.374 | HH | 5580   | 107394  | 0.39%  | 0.012% |
| 89     | 8.394 | 8.374 | 8.418 | HH | 7343   | 142958  | 0.52%  | 0.016% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.438  | 8.418  | 8.479  | HH | 4911   | 164414  | 0.59%  | 0.018% |
| 91  | 8.513  | 8.479  | 8.555  | HH | 4476   | 187551  | 0.68%  | 0.021% |
| 92  | 8.581  | 8.555  | 8.600  | HH | 4413   | 113798  | 0.41%  | 0.013% |
| 93  | 8.630  | 8.600  | 8.654  | HH | 4566   | 137798  | 0.50%  | 0.015% |
| 94  | 8.679  | 8.654  | 8.731  | HH | 12145  | 277871  | 1.01%  | 0.031% |
| 95  | 8.758  | 8.731  | 8.779  | HH | 4265   | 113983  | 0.41%  | 0.013% |
| 96  | 8.822  | 8.779  | 8.846  | HH | 4425   | 153419  | 0.55%  | 0.017% |
| 97  | 8.868  | 8.846  | 8.889  | HH | 4331   | 99781   | 0.36%  | 0.011% |
| 98  | 8.899  | 8.889  | 8.926  | HH | 3870   | 83750   | 0.30%  | 0.009% |
| 99  | 8.956  | 8.926  | 9.008  | HH | 4611   | 199518  | 0.72%  | 0.022% |
| 100 | 9.012  | 9.008  | 9.020  | HH | 3791   | 26453   | 0.10%  | 0.003% |
| 101 | 9.042  | 9.020  | 9.080  | HH | 5348   | 165746  | 0.60%  | 0.018% |
| 102 | 9.121  | 9.080  | 9.156  | HH | 5364   | 214370  | 0.78%  | 0.024% |
| 103 | 9.180  | 9.156  | 9.196  | HH | 5017   | 108863  | 0.39%  | 0.012% |
| 104 | 9.230  | 9.196  | 9.251  | HH | 4793   | 146187  | 0.53%  | 0.016% |
| 105 | 9.283  | 9.251  | 9.315  | HH | 4230   | 152286  | 0.55%  | 0.017% |
| 106 | 9.325  | 9.315  | 9.337  | HH | 3897   | 52228   | 0.19%  | 0.006% |
| 107 | 9.399  | 9.337  | 9.426  | HH | 4980   | 229278  | 0.83%  | 0.026% |
| 108 | 9.452  | 9.426  | 9.488  | HH | 14034  | 261705  | 0.95%  | 0.029% |
| 109 | 9.498  | 9.488  | 9.511  | HH | 4196   | 58111   | 0.21%  | 0.006% |
| 110 | 9.525  | 9.511  | 9.535  | HH | 4373   | 60293   | 0.22%  | 0.007% |
| 111 | 9.551  | 9.535  | 9.595  | HH | 4383   | 147201  | 0.53%  | 0.016% |
| 112 | 9.616  | 9.595  | 9.639  | HH | 4273   | 108286  | 0.39%  | 0.012% |
| 113 | 9.675  | 9.639  | 9.703  | HH | 4174   | 153158  | 0.55%  | 0.017% |
| 114 | 9.731  | 9.703  | 9.755  | HH | 4166   | 125564  | 0.45%  | 0.014% |
| 115 | 9.795  | 9.755  | 9.805  | HH | 4981   | 133855  | 0.48%  | 0.015% |
| 116 | 9.835  | 9.805  | 9.866  | HH | 7309   | 210719  | 0.76%  | 0.023% |
| 117 | 9.886  | 9.866  | 9.905  | HH | 5436   | 114481  | 0.41%  | 0.013% |
| 118 | 9.925  | 9.905  | 9.952  | HH | 5410   | 141387  | 0.51%  | 0.016% |
| 119 | 9.977  | 9.952  | 9.999  | HH | 5811   | 143172  | 0.52%  | 0.016% |
| 120 | 10.043 | 9.999  | 10.054 | HH | 4825   | 149579  | 0.54%  | 0.017% |
| 121 | 10.108 | 10.054 | 10.132 | HH | 5241   | 229391  | 0.83%  | 0.026% |
| 122 | 10.186 | 10.132 | 10.222 | HH | 13228  | 366998  | 1.33%  | 0.041% |
| 123 | 10.256 | 10.222 | 10.335 | HH | 8252   | 392375  | 1.42%  | 0.044% |
| 124 | 10.373 | 10.335 | 10.384 | HH | 5103   | 140137  | 0.51%  | 0.016% |
| 125 | 10.406 | 10.384 | 10.422 | HH | 5342   | 119908  | 0.43%  | 0.013% |
| 126 | 10.452 | 10.422 | 10.491 | HH | 8002   | 262175  | 0.95%  | 0.029% |
| 127 | 10.498 | 10.491 | 10.541 | HH | 6055   | 173427  | 0.63%  | 0.019% |
| 128 | 10.567 | 10.541 | 10.618 | HH | 6483   | 266106  | 0.96%  | 0.030% |
| 129 | 10.638 | 10.618 | 10.666 | HH | 5971   | 163260  | 0.59%  | 0.018% |
| 130 | 10.688 | 10.666 | 10.715 | HH | 5677   | 155516  | 0.56%  | 0.017% |
| 131 | 10.751 | 10.715 | 10.768 | HH | 5544   | 170430  | 0.62%  | 0.019% |
| 132 | 10.821 | 10.768 | 10.851 | HH | 6217   | 286815  | 1.04%  | 0.032% |
| 133 | 10.884 | 10.851 | 10.942 | HH | 11529  | 385745  | 1.40%  | 0.043% |
| 134 | 10.972 | 10.942 | 11.020 | HH | 8841   | 318515  | 1.15%  | 0.036% |
| 135 | 11.036 | 11.020 | 11.058 | HH | 6192   | 135973  | 0.49%  | 0.015% |
| 136 | 11.077 | 11.058 | 11.095 | HH | 6676   | 141013  | 0.51%  | 0.016% |
| 137 | 11.116 | 11.095 | 11.138 | HH | 6569   | 164729  | 0.60%  | 0.018% |
| 138 | 11.185 | 11.138 | 11.222 | HH | 241395 | 2853999 | 10.32% | 0.318% |
| 139 | 11.242 | 11.222 | 11.265 | HH | 8300   | 200573  | 0.73%  | 0.022% |
| 140 | 11.279 | 11.265 | 11.298 | HH | 8025   | 154991  | 0.56%  | 0.017% |
| 141 | 11.352 | 11.298 | 11.378 | HH | 9005   | 389837  | 1.41%  | 0.043% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 11.391 | 11.378 | 11.411 | HH | 8310   | 154908  | 0.56%  | 0.017% |
| 143    | 11.431 | 11.411 | 11.456 | HH | 8381   | 214617  | 0.78%  | 0.024% |
| 144    | 11.466 | 11.456 | 11.502 | HH | 7563   | 206374  | 0.75%  | 0.023% |
| 145    | 11.549 | 11.502 | 11.580 | HH | 11223  | 407753  | 1.47%  | 0.045% |
| 146    | 11.605 | 11.580 | 11.629 | HH | 19368  | 361721  | 1.31%  | 0.040% |
| 147    | 11.642 | 11.629 | 11.706 | HH | 8821   | 382638  | 1.38%  | 0.043% |
| 148    | 11.781 | 11.706 | 11.803 | HH | 9710   | 527556  | 1.91%  | 0.059% |
| 149    | 11.823 | 11.803 | 11.870 | HH | 11695  | 422531  | 1.53%  | 0.047% |
| 150    | 11.911 | 11.870 | 11.945 | HH | 11189  | 471111  | 1.70%  | 0.053% |
| 151    | 12.018 | 11.945 | 12.041 | HH | 10805  | 587919  | 2.13%  | 0.066% |
| 152    | 12.057 | 12.041 | 12.078 | HH | 10413  | 224722  | 0.81%  | 0.025% |
| 153    | 12.092 | 12.078 | 12.105 | HH | 10606  | 170848  | 0.62%  | 0.019% |
| 154    | 12.132 | 12.105 | 12.161 | HH | 13282  | 398379  | 1.44%  | 0.044% |
| 155    | 12.186 | 12.161 | 12.225 | HH | 16289  | 494002  | 1.79%  | 0.055% |
| 156    | 12.251 | 12.225 | 12.321 | HH | 22525  | 823202  | 2.98%  | 0.092% |
| 157    | 12.370 | 12.321 | 12.398 | HH | 12569  | 536163  | 1.94%  | 0.060% |
| 158    | 12.406 | 12.398 | 12.418 | HH | 11662  | 140546  | 0.51%  | 0.016% |
| 159    | 12.455 | 12.418 | 12.469 | HH | 12914  | 382518  | 1.38%  | 0.043% |
| 160    | 12.497 | 12.469 | 12.518 | HH | 13121  | 371955  | 1.35%  | 0.041% |
| 161    | 12.545 | 12.518 | 12.583 | HH | 24525  | 681280  | 2.46%  | 0.076% |
| 162    | 12.625 | 12.583 | 12.652 | HH | 207678 | 3514175 | 12.71% | 0.392% |
| 163    | 12.669 | 12.652 | 12.721 | HH | 47076  | 1039878 | 3.76%  | 0.116% |
| 164    | 12.730 | 12.721 | 12.758 | HH | 15572  | 328247  | 1.19%  | 0.037% |
| 165    | 12.797 | 12.758 | 12.820 | HH | 19809  | 617061  | 2.23%  | 0.069% |
| 166    | 12.851 | 12.820 | 12.914 | HH | 21805  | 1013515 | 3.67%  | 0.113% |
| 167    | 12.928 | 12.914 | 12.944 | HH | 17435  | 311083  | 1.13%  | 0.035% |
| 168    | 12.959 | 12.944 | 12.972 | HH | 17284  | 284110  | 1.03%  | 0.032% |
| 169    | 12.987 | 12.972 | 13.001 | HH | 17777  | 309257  | 1.12%  | 0.034% |
| 170    | 13.060 | 13.001 | 13.082 | HH | 19078  | 884604  | 3.20%  | 0.099% |
| 171    | 13.094 | 13.082 | 13.107 | HH | 18482  | 273292  | 0.99%  | 0.030% |
| 172    | 13.161 | 13.107 | 13.190 | HH | 20791  | 975845  | 3.53%  | 0.109% |
| 173    | 13.221 | 13.190 | 13.236 | HH | 20801  | 544567  | 1.97%  | 0.061% |
| 174    | 13.254 | 13.236 | 13.266 | HH | 20560  | 362343  | 1.31%  | 0.040% |
| 175    | 13.292 | 13.266 | 13.315 | HH | 23216  | 648364  | 2.35%  | 0.072% |
| 176    | 13.343 | 13.315 | 13.358 | HH | 23140  | 562848  | 2.04%  | 0.063% |
| 177    | 13.379 | 13.358 | 13.442 | HH | 26746  | 1192592 | 4.31%  | 0.133% |
| 178    | 13.463 | 13.442 | 13.480 | HH | 22954  | 520852  | 1.88%  | 0.058% |
| 179    | 13.508 | 13.480 | 13.547 | HH | 23640  | 926750  | 3.35%  | 0.103% |
| 180    | 13.607 | 13.547 | 13.643 | HH | 25327  | 1385681 | 5.01%  | 0.155% |
| 181    | 13.666 | 13.643 | 13.681 | HH | 25662  | 567241  | 2.05%  | 0.063% |
| 182    | 13.752 | 13.681 | 13.775 | HH | 28234  | 1474924 | 5.33%  | 0.164% |
| 183    | 13.785 | 13.775 | 13.818 | HH | 28291  | 727557  | 2.63%  | 0.081% |
| 184    | 13.854 | 13.818 | 13.896 | HH | 32928  | 1367371 | 4.95%  | 0.152% |
| 185    | 13.937 | 13.896 | 13.954 | HH | 34374  | 1074400 | 3.89%  | 0.120% |
| 186    | 13.971 | 13.954 | 13.993 | HH | 33428  | 747404  | 2.70%  | 0.083% |
| 187    | 14.012 | 13.993 | 14.022 | HH | 31654  | 546740  | 1.98%  | 0.061% |
| 188    | 14.065 | 14.022 | 14.089 | HH | 33135  | 1274272 | 4.61%  | 0.142% |
| 189    | 14.132 | 14.089 | 14.141 | HH | 33279  | 1017994 | 3.68%  | 0.114% |
| 190    | 14.183 | 14.141 | 14.196 | HH | 34345  | 1091321 | 3.95%  | 0.122% |
| 191    | 14.228 | 14.196 | 14.253 | HH | 34594  | 1172835 | 4.24%  | 0.131% |
| 192    | 14.277 | 14.253 | 14.291 | HH | 35179  | 772780  | 2.80%  | 0.086% |
| 193    | 14.321 | 14.291 | 14.341 | HH | 37515  | 1099159 | 3.98%  | 0.123% |
| 194    | 14.357 | 14.341 | 14.375 | HH | 37305  | 732612  | 2.65%  | 0.082% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 14.389 | 14.375 | 14.413 | HH | 38769  | 866477   | 3.13%  | 0.097% |
| 196 | 14.433 | 14.413 | 14.451 | HH | 41530  | 902650   | 3.26%  | 0.101% |
| 197 | 14.474 | 14.451 | 14.507 | HH | 49327  | 1463411  | 5.29%  | 0.163% |
| 198 | 14.550 | 14.507 | 14.591 | HH | 44203  | 2116006  | 7.65%  | 0.236% |
| 199 | 14.635 | 14.591 | 14.675 | HH | 44076  | 2149223  | 7.77%  | 0.240% |
| 200 | 14.696 | 14.675 | 14.704 | HH | 43849  | 776507   | 2.81%  | 0.087% |
| 201 | 14.779 | 14.704 | 14.798 | HH | 48563  | 2601643  | 9.41%  | 0.290% |
| 202 | 14.866 | 14.798 | 14.946 | HH | 64073  | 4787031  | 17.31% | 0.534% |
| 203 | 14.993 | 14.946 | 15.016 | HH | 60292  | 2307414  | 8.35%  | 0.257% |
| 204 | 15.039 | 15.016 | 15.065 | HH | 60928  | 1672612  | 6.05%  | 0.187% |
| 205 | 15.095 | 15.065 | 15.122 | HH | 62778  | 2036510  | 7.37%  | 0.227% |
| 206 | 15.144 | 15.122 | 15.158 | HH | 58216  | 1206335  | 4.36%  | 0.135% |
| 207 | 15.184 | 15.158 | 15.207 | HH | 60869  | 1773564  | 6.42%  | 0.198% |
| 208 | 15.255 | 15.207 | 15.269 | HH | 64283  | 2327735  | 8.42%  | 0.260% |
| 209 | 15.291 | 15.269 | 15.308 | HH | 65892  | 1491878  | 5.40%  | 0.166% |
| 210 | 15.321 | 15.308 | 15.347 | HH | 65883  | 1522259  | 5.51%  | 0.170% |
| 211 | 15.391 | 15.347 | 15.401 | HH | 70434  | 2222459  | 8.04%  | 0.248% |
| 212 | 15.443 | 15.401 | 15.454 | HH | 73486  | 2266838  | 8.20%  | 0.253% |
| 213 | 15.491 | 15.454 | 15.518 | HH | 82322  | 2924216  | 10.58% | 0.326% |
| 214 | 15.547 | 15.518 | 15.571 | HH | 78895  | 2457630  | 8.89%  | 0.274% |
| 215 | 15.590 | 15.571 | 15.608 | HH | 76949  | 1705720  | 6.17%  | 0.190% |
| 216 | 15.660 | 15.608 | 15.673 | HH | 84016  | 3084053  | 11.16% | 0.344% |
| 217 | 15.677 | 15.673 | 15.704 | HH | 83250  | 1526404  | 5.52%  | 0.170% |
| 218 | 15.745 | 15.704 | 15.756 | HH | 86266  | 2633317  | 9.52%  | 0.294% |
| 219 | 15.798 | 15.756 | 15.810 | HH | 89429  | 2860928  | 10.35% | 0.319% |
| 220 | 15.835 | 15.810 | 15.858 | HH | 89819  | 2509664  | 9.08%  | 0.280% |
| 221 | 15.882 | 15.858 | 15.923 | HH | 95459  | 3555404  | 12.86% | 0.396% |
| 222 | 15.973 | 15.923 | 16.005 | HH | 105427 | 4842134  | 17.51% | 0.540% |
| 223 | 16.031 | 16.005 | 16.050 | HH | 102002 | 2735066  | 9.89%  | 0.305% |
| 224 | 16.098 | 16.050 | 16.115 | HH | 107452 | 3999146  | 14.46% | 0.446% |
| 225 | 16.146 | 16.115 | 16.171 | HH | 110604 | 3585269  | 12.97% | 0.400% |
| 226 | 16.183 | 16.171 | 16.195 | HH | 108045 | 1516919  | 5.49%  | 0.169% |
| 227 | 16.210 | 16.195 | 16.233 | HH | 109332 | 2464904  | 8.92%  | 0.275% |
| 228 | 16.270 | 16.233 | 16.295 | HH | 113643 | 4107319  | 14.86% | 0.458% |
| 229 | 16.314 | 16.295 | 16.347 | HH | 117530 | 3608722  | 13.05% | 0.402% |
| 230 | 16.402 | 16.347 | 16.410 | HH | 124142 | 4458547  | 16.13% | 0.497% |
| 231 | 16.433 | 16.410 | 16.458 | HH | 145189 | 3850925  | 13.93% | 0.429% |
| 232 | 16.474 | 16.458 | 16.492 | HH | 128586 | 2626129  | 9.50%  | 0.293% |
| 233 | 16.504 | 16.492 | 16.539 | HH | 127468 | 3495071  | 12.64% | 0.390% |
| 234 | 16.548 | 16.539 | 16.557 | HH | 125528 | 1388401  | 5.02%  | 0.155% |
| 235 | 16.606 | 16.557 | 16.624 | HH | 136944 | 5276123  | 19.08% | 0.588% |
| 236 | 16.645 | 16.624 | 16.670 | HH | 142366 | 3795473  | 13.73% | 0.423% |
| 237 | 16.722 | 16.670 | 16.745 | HH | 149567 | 6316430  | 22.85% | 0.704% |
| 238 | 16.762 | 16.745 | 16.776 | HH | 146994 | 2645036  | 9.57%  | 0.295% |
| 239 | 16.803 | 16.776 | 16.828 | HH | 162050 | 4722996  | 17.08% | 0.527% |
| 240 | 16.841 | 16.828 | 16.854 | HH | 147393 | 2247282  | 8.13%  | 0.251% |
| 241 | 16.887 | 16.854 | 16.915 | HH | 173039 | 5830641  | 21.09% | 0.650% |
| 242 | 16.963 | 16.915 | 16.991 | HH | 164646 | 7269689  | 26.29% | 0.811% |
| 243 | 17.038 | 16.991 | 17.105 | HH | 170385 | 10962904 | 39.65% | 1.223% |
| 244 | 17.122 | 17.105 | 17.141 | HH | 165926 | 3606843  | 13.05% | 0.402% |
| 245 | 17.198 | 17.141 | 17.211 | HH | 175647 | 7059327  | 25.53% | 0.787% |
| 246 | 17.230 | 17.211 | 17.243 | HH | 175211 | 3382281  | 12.23% | 0.377% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 17.264 | 17.243 | 17.278 | HH | 185230 | 3723017  | 13.47% | 0.415% |
| 248    | 17.325 | 17.278 | 17.355 | HH | 198989 | 8517912  | 30.81% | 0.950% |
| 249    | 17.424 | 17.355 | 17.448 | HH | 218662 | 10543061 | 38.13% | 1.176% |
| 250    | 17.457 | 17.448 | 17.488 | HH | 198897 | 4647912  | 16.81% | 0.518% |
| 251    | 17.493 | 17.488 | 17.511 | HH | 189278 | 2530403  | 9.15%  | 0.282% |
| 252    | 17.533 | 17.511 | 17.555 | HH | 190753 | 4946403  | 17.89% | 0.552% |
| 253    | 17.581 | 17.555 | 17.591 | HH | 196045 | 4108347  | 14.86% | 0.458% |
| 254    | 17.643 | 17.591 | 17.670 | HH | 203152 | 9336812  | 33.77% | 1.041% |
| 255    | 17.686 | 17.670 | 17.718 | HH | 203541 | 5864071  | 21.21% | 0.654% |
| 256    | 17.745 | 17.718 | 17.768 | HH | 223359 | 6350247  | 22.97% | 0.708% |
| 257    | 17.791 | 17.768 | 17.845 | HH | 240123 | 10079685 | 36.46% | 1.124% |
| 258    | 17.856 | 17.845 | 17.871 | HH | 211671 | 3243526  | 11.73% | 0.362% |
| 259    | 17.887 | 17.871 | 17.901 | HH | 211902 | 3875090  | 14.02% | 0.432% |
| 260    | 17.918 | 17.901 | 17.930 | HH | 215280 | 3667419  | 13.27% | 0.409% |
| 261    | 17.950 | 17.930 | 17.977 | HH | 216417 | 5915594  | 21.40% | 0.660% |
| 262    | 18.000 | 17.977 | 18.013 | HH | 218169 | 4662245  | 16.86% | 0.520% |
| 263    | 18.032 | 18.013 | 18.058 | HH | 223582 | 5929338  | 21.45% | 0.661% |
| 264    | 18.068 | 18.058 | 18.084 | HH | 222034 | 3411979  | 12.34% | 0.380% |
| 265    | 18.109 | 18.084 | 18.121 | HH | 229893 | 5028928  | 18.19% | 0.561% |
| 266    | 18.146 | 18.121 | 18.195 | HH | 243641 | 10203644 | 36.91% | 1.138% |
| 267    | 18.214 | 18.195 | 18.235 | HH | 254388 | 5827717  | 21.08% | 0.650% |
| 268    | 18.261 | 18.235 | 18.308 | HH | 250976 | 10537975 | 38.12% | 1.175% |
| 269    | 18.358 | 18.308 | 18.367 | HH | 240919 | 8310261  | 30.06% | 0.927% |
| 270    | 18.403 | 18.367 | 18.418 | HH | 250844 | 7577674  | 27.41% | 0.845% |
| 271    | 18.438 | 18.418 | 18.447 | HH | 250889 | 4258503  | 15.40% | 0.475% |
| 272    | 18.468 | 18.447 | 18.478 | HH | 255158 | 4699896  | 17.00% | 0.524% |
| 273    | 18.545 | 18.478 | 18.573 | HH | 286322 | 15084931 | 54.56% | 1.682% |
| 274    | 18.596 | 18.573 | 18.608 | HH | 266421 | 5447648  | 19.70% | 0.607% |
| 275    | 18.616 | 18.608 | 18.649 | HH | 267167 | 6460072  | 23.37% | 0.720% |
| 276    | 18.659 | 18.649 | 18.672 | HH | 261915 | 3556658  | 12.86% | 0.397% |
| 277    | 18.698 | 18.672 | 18.711 | HH | 266710 | 6272730  | 22.69% | 0.699% |
| 278    | 18.726 | 18.711 | 18.774 | HH | 270138 | 9994391  | 36.15% | 1.115% |
| 279    | 18.787 | 18.774 | 18.803 | HH | 274112 | 4837157  | 17.50% | 0.539% |
| 280    | 18.831 | 18.803 | 18.841 | HH | 277931 | 6221295  | 22.50% | 0.694% |
| 281    | 18.861 | 18.841 | 18.875 | HH | 276863 | 5499841  | 19.89% | 0.613% |
| 282    | 18.928 | 18.875 | 18.959 | HH | 309523 | 14657593 | 53.02% | 1.635% |
| 283    | 18.993 | 18.959 | 19.002 | HH | 289855 | 7371650  | 26.66% | 0.822% |
| 284    | 19.025 | 19.002 | 19.049 | HH | 296396 | 8154846  | 29.50% | 0.909% |
| 285    | 19.112 | 19.049 | 19.132 | HH | 298456 | 14623240 | 52.89% | 1.631% |
| 286    | 19.157 | 19.132 | 19.178 | HH | 301427 | 8181481  | 29.59% | 0.912% |
| 287    | 19.205 | 19.178 | 19.218 | HH | 300724 | 7131710  | 25.80% | 0.795% |
| 288    | 19.237 | 19.218 | 19.258 | HH | 310033 | 7348568  | 26.58% | 0.819% |
| 289    | 19.315 | 19.258 | 19.341 | HH | 334427 | 15878298 | 57.43% | 1.771% |
| 290    | 19.348 | 19.341 | 19.362 | HH | 322828 | 4056295  | 14.67% | 0.452% |
| 291    | 19.378 | 19.362 | 19.389 | HH | 327684 | 5192353  | 18.78% | 0.579% |
| 292    | 19.430 | 19.389 | 19.461 | HH | 331627 | 14086762 | 50.95% | 1.571% |
| 293    | 19.473 | 19.461 | 19.478 | HH | 324340 | 3225543  | 11.67% | 0.360% |
| 294    | 19.544 | 19.478 | 19.578 | HH | 337251 | 19773505 | 71.52% | 2.205% |
| 295    | 19.671 | 19.578 | 19.687 | HH | 359373 | 22351431 | 80.85% | 2.492% |
| 296    | 19.701 | 19.687 | 19.721 | HH | 356766 | 7211965  | 26.09% | 0.804% |
| 297    | 19.769 | 19.721 | 19.787 | HH | 357976 | 13758082 | 49.76% | 1.534% |
| 298    | 19.805 | 19.787 | 19.818 | HH | 359609 | 6728727  | 24.34% | 0.750% |
| 299    | 19.839 | 19.818 | 19.861 | HH | 369254 | 9345474  | 33.80% | 1.042% |

|     |        |        |        |     |                         |          |           |        |
|-----|--------|--------|--------|-----|-------------------------|----------|-----------|--------|
|     |        |        |        |     |                         | rteres   |           |        |
| 300 | 19.871 | 19.861 | 19.891 | HH  | 365435                  | 6486889  | 23.46%    | 0.723% |
| 301 | 19.911 | 19.891 | 19.923 | HH  | 372055                  | 6872265  | 24.86%    | 0.766% |
| 302 | 19.940 | 19.923 | 19.953 | HH  | 366602                  | 6761525  | 24.46%    | 0.754% |
| 303 | 19.972 | 19.953 | 19.982 | HH  | 368909                  | 6351955  | 22.98%    | 0.708% |
| 304 | 20.031 | 19.982 | 20.055 | HH  | 387250                  | 16374285 | 59.23%    | 1.826% |
| 305 | 20.061 | 20.055 | 20.075 | HH  | 378546                  | 4496817  | 16.27%    | 0.501% |
| 306 | 20.118 | 20.075 | 20.156 | HH  | 395288                  | 18837777 | 68.14%    | 2.101% |
| 307 | 20.174 | 20.156 | 20.184 | HH  | 391590                  | 6514799  | 23.56%    | 0.726% |
| 308 | 20.200 | 20.184 | 20.217 | HH  | 399383                  | 7818938  | 28.28%    | 0.872% |
| 309 | 20.239 | 20.217 | 20.293 | HH  | 402102                  | 18008920 | 65.14%    | 2.008% |
| 310 | 20.312 | 20.293 | 20.338 | HH  | 399873                  | 10586167 | 38.29%    | 1.180% |
| 311 | 20.367 | 20.338 | 20.398 | HH  | 416862                  | 14792130 | 53.50%    | 1.650% |
| 312 | 20.411 | 20.398 | 20.425 | HH  | 409562                  | 6393063  | 23.12%    | 0.713% |
| 313 | 20.439 | 20.425 | 20.541 | HH  | 407155                  | 27647109 | 100.00%   | 3.083% |
| 314 | 20.553 | 20.541 | 20.571 | HH  | 381434                  | 6655096  | 24.07%    | 0.742% |
| 315 | 20.581 | 20.571 | 20.594 | HH  | 383715                  | 5334994  | 19.30%    | 0.595% |
| 316 | 20.608 | 20.594 | 20.615 | HH  | 381596                  | 4688913  | 16.96%    | 0.523% |
| 317 | 20.655 | 20.615 | 20.676 | HH  | 387233                  | 14150056 | 51.18%    | 1.578% |
| 318 | 20.701 | 20.676 | 20.711 | HH  | 388846                  | 8076467  | 29.21%    | 0.901% |
| 319 | 20.723 | 20.711 | 20.761 | HH  | 388429                  | 11496660 | 41.58%    | 1.282% |
| 320 | 20.766 | 20.761 | 20.831 | HH  | 378324                  | 15577998 | 56.35%    | 1.737% |
| 321 | 20.846 | 20.831 | 20.868 | HH  | 366316                  | 8103690  | 29.31%    | 0.904% |
| 322 | 20.897 | 20.868 | 20.925 | HH  | 368614                  | 12336132 | 44.62%    | 1.376% |
| 323 | 20.944 | 20.925 | 20.958 | HH  | 368645                  | 7317912  | 26.47%    | 0.816% |
| 324 | 20.982 | 20.958 | 21.001 | HHA | 367333                  | 9753051  | 35.28%    | 1.088% |
|     |        |        |        |     | Sum of corrected areas: |          | 896753352 |        |

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