

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG010419\  
 Data File : FG003390.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Jan 2019 21:19  
 Sample : K1019-01MSD 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG121318.M  
 Title :

Signal : FID1A.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         | 2.300       | 2.275        | 2.399      | PH       | 45683          | 354423       | 4.56%          | 0.290%        |
| 2         | 2.414       | 2.399        | 2.452      | PH       | 89             | 776          | 0.01%          | 0.001%        |
| 3         | 2.478       | 2.452        | 2.520      | PH       | 552            | 5884         | 0.08%          | 0.005%        |
| 4         | 2.571       | 2.520        | 2.736      | PH       | 205            | -4375        | -0.06%         | -0.004%       |
| 5         | 2.749       | 2.736        | 2.837      | PH       | -68            | -5741        | -0.07%         | -0.005%       |
| 6         | 2.855       | 2.837        | 2.889      | PH       | -38            | -2781        | -0.04%         | -0.002%       |
| 7         | 2.895       | 2.889        | 2.903      | PH       | -61            | -821         | -0.01%         | -0.001%       |
| 8         | 2.921       | 2.903        | 2.930      | PH       | -79            | -1699        | -0.02%         | -0.001%       |
| 9         | 2.943       | 2.930        | 2.975      | PH       | -56            | -2436        | -0.03%         | -0.002%       |
| 10        | 2.980       | 2.975        | 2.995      | PH       | -96            | -1380        | -0.02%         | -0.001%       |
| 11        | 3.002       | 2.995        | 3.018      | PH       | -76            | -1775        | -0.02%         | -0.001%       |
| 12        | 3.033       | 3.018        | 3.048      | PH       | -43            | -1593        | -0.02%         | -0.001%       |
| 13        | 3.054       | 3.048        | 3.068      | PH       | -74            | -1327        | -0.02%         | -0.001%       |
| 14        | 3.080       | 3.068        | 3.098      | PH       | -74            | -2106        | -0.03%         | -0.002%       |
| 15        | 3.119       | 3.098        | 3.193      | PH       | -109           | -8209        | -0.11%         | -0.007%       |
| 16        | 3.212       | 3.193        | 3.352      | PH       | 575            | -1597        | -0.02%         | -0.001%       |
| 17        | 3.354       | 3.352        | 3.364      | PH       | -210           | -1766        | -0.02%         | -0.001%       |
| 18        | 3.378       | 3.364        | 3.388      | PH       | -214           | -3408        | -0.04%         | -0.003%       |
| 19        | 3.416       | 3.388        | 3.446      | PH       | -110           | -6804        | -0.09%         | -0.006%       |
| 20        | 3.458       | 3.446        | 3.485      | PH       | -205           | -5217        | -0.07%         | -0.004%       |
| 21        | 3.523       | 3.485        | 3.569      | PH       | -183           | -12378       | -0.16%         | -0.010%       |
| 22        | 3.619       | 3.569        | 3.662      | PH       | -70            | -12611       | -0.16%         | -0.010%       |
| 23        | 3.676       | 3.662        | 3.735      | PH       | -244           | -12202       | -0.16%         | -0.010%       |
| 24        | 3.743       | 3.735        | 3.769      | PH       | -253           | -6024        | -0.08%         | -0.005%       |
| 25        | 3.804       | 3.769        | 3.839      | PH       | -203           | -12198       | -0.16%         | -0.010%       |
| 26        | 3.847       | 3.839        | 3.864      | PH       | -280           | -4580        | -0.06%         | -0.004%       |
| 27        | 3.875       | 3.864        | 3.901      | PH       | -278           | -6980        | -0.09%         | -0.006%       |
| 28        | 3.917       | 3.901        | 3.939      | PH       | -200           | -6037        | -0.08%         | -0.005%       |
| 29        | 3.964       | 3.939        | 3.978      | PH       | -265           | -6354        | -0.08%         | -0.005%       |
| 30        | 3.997       | 3.978        | 4.183      | PH       | 10089          | 176690       | 2.27%          | 0.145%        |
| 31        | 4.195       | 4.183        | 4.280      | HH       | 151            | 209          | 0.00%          | 0.000%        |
| 32        | 4.288       | 4.280        | 4.324      | PH       | -121           | -4315        | -0.06%         | -0.004%       |
| 33        | 4.340       | 4.324        | 4.372      | PH       | 3              | -1722        | -0.02%         | -0.001%       |
| 34        | 4.404       | 4.372        | 4.492      | PH       | 56033          | 523110       | 6.73%          | 0.429%        |
| 35        | 4.499       | 4.492        | 4.518      | PH       | -6             | -1151        | -0.01%         | -0.001%       |
| 36        | 4.553       | 4.518        | 4.680      | PH       | 1093           | -1166        | -0.02%         | -0.001%       |

|    |       |       |       |    |            |        |        |         |  |
|----|-------|-------|-------|----|------------|--------|--------|---------|--|
|    |       |       |       |    | rteres.txt |        |        |         |  |
| 37 | 4.694 | 4.680 | 4.727 | PH | -259       | -8687  | -0.11% | -0.007% |  |
| 38 | 4.743 | 4.727 | 4.833 | PH | -271       | -23330 | -0.30% | -0.019% |  |
| 39 | 4.843 | 4.833 | 4.858 | PH | -411       | -6407  | -0.08% | -0.005% |  |
| 40 | 4.866 | 4.858 | 4.872 | PH | -384       | -3395  | -0.04% | -0.003% |  |
| 41 | 4.879 | 4.872 | 4.920 | PH | -362       | -12428 | -0.16% | -0.010% |  |
| 42 | 4.927 | 4.920 | 4.955 | PH | -432       | -9757  | -0.13% | -0.008% |  |
| 43 | 5.002 | 4.955 | 5.035 | PH | -196       | -18974 | -0.24% | -0.016% |  |
| 44 | 5.049 | 5.035 | 5.101 | PH | -395       | -17504 | -0.23% | -0.014% |  |
| 45 | 5.109 | 5.101 | 5.204 | PH | -454       | -30464 | -0.39% | -0.025% |  |
| 46 | 5.228 | 5.204 | 5.241 | PH | -439       | -11280 | -0.15% | -0.009% |  |
| 47 | 5.269 | 5.241 | 5.329 | PH | -378       | -26089 | -0.34% | -0.021% |  |
| 48 | 5.338 | 5.329 | 5.356 | PH | -524       | -8949  | -0.12% | -0.007% |  |
| 49 | 5.396 | 5.356 | 5.432 | PH | -518       | -25241 | -0.32% | -0.021% |  |
| 50 | 5.445 | 5.432 | 5.478 | PH | 83         | -9600  | -0.12% | -0.008% |  |
| 51 | 5.502 | 5.478 | 5.545 | PH | -212       | -18628 | -0.24% | -0.015% |  |
| 52 | 5.563 | 5.545 | 5.608 | PH | -302       | -16542 | -0.21% | -0.014% |  |
| 53 | 5.611 | 5.608 | 5.652 | PH | -482       | -14348 | -0.18% | -0.012% |  |
| 54 | 5.683 | 5.652 | 5.775 | PH | -499       | -43278 | -0.56% | -0.035% |  |
| 55 | 5.782 | 5.775 | 5.803 | PH | -622       | -10531 | -0.14% | -0.009% |  |
| 56 | 5.813 | 5.803 | 5.853 | PH | -566       | -18728 | -0.24% | -0.015% |  |
| 57 | 5.864 | 5.853 | 5.877 | PH | -591       | -9338  | -0.12% | -0.008% |  |
| 58 | 5.893 | 5.877 | 5.931 | PH | -556       | -20636 | -0.27% | -0.017% |  |
| 59 | 5.998 | 5.931 | 6.055 | PH | -270       | -39282 | -0.51% | -0.032% |  |
| 60 | 6.078 | 6.055 | 6.098 | PH | -496       | -13891 | -0.18% | -0.011% |  |
| 61 | 6.106 | 6.098 | 6.116 | PH | -556       | -6140  | -0.08% | -0.005% |  |
| 62 | 6.143 | 6.116 | 6.188 | PH | -16        | -19742 | -0.25% | -0.016% |  |
| 63 | 6.194 | 6.188 | 6.203 | PH | -621       | -5525  | -0.07% | -0.005% |  |
| 64 | 6.226 | 6.203 | 6.264 | PH | -562       | -22997 | -0.30% | -0.019% |  |
| 65 | 6.276 | 6.264 | 6.365 | PH | -596       | -37259 | -0.48% | -0.031% |  |
| 66 | 6.373 | 6.365 | 6.378 | PH | -638       | -4944  | -0.06% | -0.004% |  |
| 67 | 6.386 | 6.378 | 6.395 | PH | -604       | -6455  | -0.08% | -0.005% |  |
| 68 | 6.429 | 6.395 | 6.516 | PH | 52584      | 531899 | 6.85%  | 0.436%  |  |
| 69 | 6.525 | 6.516 | 6.542 | PH | -408       | -6671  | -0.09% | -0.005% |  |
| 70 | 6.556 | 6.542 | 6.613 | PH | -319       | -18315 | -0.24% | -0.015% |  |
| 71 | 6.635 | 6.613 | 6.672 | PH | -496       | -19223 | -0.25% | -0.016% |  |
| 72 | 6.683 | 6.672 | 6.702 | PH | -478       | -9659  | -0.12% | -0.008% |  |
| 73 | 6.708 | 6.702 | 6.748 | PH | -584       | -17124 | -0.22% | -0.014% |  |
| 74 | 6.754 | 6.748 | 6.868 | PH | -636       | -49047 | -0.63% | -0.040% |  |
| 75 | 6.875 | 6.868 | 6.882 | PH | -686       | -5925  | -0.08% | -0.005% |  |
| 76 | 6.906 | 6.882 | 6.952 | PH | -598       | -27103 | -0.35% | -0.022% |  |
| 77 | 6.970 | 6.952 | 7.039 | PH | -555       | -35228 | -0.45% | -0.029% |  |
| 78 | 7.060 | 7.039 | 7.075 | PH | -533       | -13485 | -0.17% | -0.011% |  |
| 79 | 7.090 | 7.075 | 7.172 | PH | -525       | -40359 | -0.52% | -0.033% |  |
| 80 | 7.198 | 7.172 | 7.271 | PH | -554       | -43399 | -0.56% | -0.036% |  |
| 81 | 7.287 | 7.271 | 7.316 | PH | -767       | -21290 | -0.27% | -0.017% |  |
| 82 | 7.354 | 7.316 | 7.388 | PH | -566       | -32411 | -0.42% | -0.027% |  |
| 83 | 7.401 | 7.388 | 7.421 | PH | -795       | -16836 | -0.22% | -0.014% |  |
| 84 | 7.430 | 7.421 | 7.465 | PH | -795       | -22003 | -0.28% | -0.018% |  |
| 85 | 7.476 | 7.465 | 7.501 | PH | -801       | -18392 | -0.24% | -0.015% |  |
| 86 | 7.511 | 7.501 | 7.519 | PH | -842       | -9199  | -0.12% | -0.008% |  |
| 87 | 7.525 | 7.519 | 7.595 | PH | -810       | -39729 | -0.51% | -0.033% |  |
| 88 | 7.602 | 7.595 | 7.619 | PH | -864       | -12518 | -0.16% | -0.010% |  |
| 89 | 7.641 | 7.619 | 7.668 | PH | -452       | -21005 | -0.27% | -0.017% |  |

|     |        |        |        |    |            |        |        |         |
|-----|--------|--------|--------|----|------------|--------|--------|---------|
|     |        |        |        |    | rteres.txt |        |        |         |
| 90  | 7.682  | 7.668  | 7.691  | PH | -840       | -12042 | -0.15% | -0.010% |
| 91  | 7.702  | 7.691  | 7.739  | PH | -832       | -24544 | -0.32% | -0.020% |
| 92  | 7.770  | 7.739  | 7.786  | PH | -667       | -21852 | -0.28% | -0.018% |
| 93  | 7.808  | 7.786  | 7.880  | PH | -407       | -39570 | -0.51% | -0.032% |
| 94  | 7.888  | 7.880  | 7.902  | PH | -855       | -11286 | -0.15% | -0.009% |
| 95  | 7.927  | 7.902  | 7.948  | PH | -827       | -23742 | -0.31% | -0.019% |
| 96  | 7.958  | 7.948  | 7.999  | PH | -761       | -25275 | -0.33% | -0.021% |
| 97  | 8.067  | 7.999  | 8.090  | PH | -792       | -45867 | -0.59% | -0.038% |
| 98  | 8.119  | 8.090  | 8.142  | PH | -695       | -24274 | -0.31% | -0.020% |
| 99  | 8.193  | 8.142  | 8.201  | PH | -295       | -21204 | -0.27% | -0.017% |
| 100 | 8.229  | 8.201  | 8.267  | PH | 51564      | 557359 | 7.17%  | 0.457%  |
| 101 | 8.292  | 8.267  | 8.381  | HH | 12587      | 154122 | 1.98%  | 0.126%  |
| 102 | 8.391  | 8.381  | 8.542  | PH | -205       | -56659 | -0.73% | -0.046% |
| 103 | 8.548  | 8.542  | 8.570  | PH | -679       | -12567 | -0.16% | -0.010% |
| 104 | 8.586  | 8.570  | 8.607  | PH | -619       | -15173 | -0.20% | -0.012% |
| 105 | 8.642  | 8.607  | 8.673  | PH | 305        | -12585 | -0.16% | -0.010% |
| 106 | 8.702  | 8.673  | 8.748  | PH | -29        | -14120 | -0.18% | -0.012% |
| 107 | 8.754  | 8.748  | 8.800  | PH | -448       | -18663 | -0.24% | -0.015% |
| 108 | 8.841  | 8.800  | 8.905  | PH | -260       | -35330 | -0.45% | -0.029% |
| 109 | 8.922  | 8.905  | 8.934  | PH | -534       | -10663 | -0.14% | -0.009% |
| 110 | 8.957  | 8.934  | 9.027  | PH | -400       | -31988 | -0.41% | -0.026% |
| 111 | 9.052  | 9.027  | 9.138  | PH | -233       | -42819 | -0.55% | -0.035% |
| 112 | 9.144  | 9.138  | 9.188  | PH | -714       | -23578 | -0.30% | -0.019% |
| 113 | 9.238  | 9.188  | 9.302  | PH | -629       | -49560 | -0.64% | -0.041% |
| 114 | 9.318  | 9.302  | 9.330  | PH | -651       | -12131 | -0.16% | -0.010% |
| 115 | 9.343  | 9.330  | 9.358  | PH | -599       | -10685 | -0.14% | -0.009% |
| 116 | 9.362  | 9.358  | 9.381  | PH | -561       | -8587  | -0.11% | -0.007% |
| 117 | 9.436  | 9.381  | 9.491  | PH | -26        | -28058 | -0.36% | -0.023% |
| 118 | 9.520  | 9.491  | 9.539  | PH | -436       | -14529 | -0.19% | -0.012% |
| 119 | 9.561  | 9.539  | 9.583  | PH | -477       | -13725 | -0.18% | -0.011% |
| 120 | 9.588  | 9.583  | 9.597  | PH | -506       | -4620  | -0.06% | -0.004% |
| 121 | 9.614  | 9.597  | 9.632  | PH | -448       | -11460 | -0.15% | -0.009% |
| 122 | 9.665  | 9.632  | 9.697  | PH | -188       | -18996 | -0.24% | -0.016% |
| 123 | 9.708  | 9.697  | 9.733  | PH | -563       | -13227 | -0.17% | -0.011% |
| 124 | 9.754  | 9.733  | 9.796  | PH | -367       | -18561 | -0.24% | -0.015% |
| 125 | 9.833  | 9.796  | 9.966  | PH | 48803      | 562381 | 7.24%  | 0.461%  |
| 126 | 9.976  | 9.966  | 10.016 | PH | -387       | -12641 | -0.16% | -0.010% |
| 127 | 10.023 | 10.016 | 10.081 | PH | -430       | -19095 | -0.25% | -0.016% |
| 128 | 10.106 | 10.081 | 10.114 | PH | -417       | -9629  | -0.12% | -0.008% |
| 129 | 10.173 | 10.114 | 10.197 | PH | -249       | -19626 | -0.25% | -0.016% |
| 130 | 10.223 | 10.197 | 10.248 | PH | -99        | -8017  | -0.10% | -0.007% |
| 131 | 10.279 | 10.248 | 10.295 | PH | 38         | -3844  | -0.05% | -0.003% |
| 132 | 10.321 | 10.295 | 10.339 | PH | 120        | -468   | -0.01% | -0.000% |
| 133 | 10.361 | 10.339 | 10.409 | PH | -23        | -4843  | -0.06% | -0.004% |
| 134 | 10.439 | 10.409 | 10.495 | PH | 438        | 4166   | 0.05%  | 0.003%  |
| 135 | 10.499 | 10.495 | 10.511 | PH | 46         | -10    | -0.00% | -0.000% |
| 136 | 10.534 | 10.511 | 10.554 | PH | 261        | 4105   | 0.05%  | 0.003%  |
| 137 | 10.573 | 10.554 | 10.618 | HH | 651        | 9047   | 0.12%  | 0.007%  |
| 138 | 10.645 | 10.618 | 10.663 | PH | 341        | 5283   | 0.07%  | 0.004%  |
| 139 | 10.677 | 10.663 | 10.732 | HH | 287        | 6400   | 0.08%  | 0.005%  |
| 140 | 10.744 | 10.732 | 10.768 | HH | 124        | 699    | 0.01%  | 0.001%  |
| 141 | 10.799 | 10.768 | 10.818 | PH | 127        | 1607   | 0.02%  | 0.001%  |

|     |        |        |        |    | rteres.txt |        |       |        |  |
|-----|--------|--------|--------|----|------------|--------|-------|--------|--|
| 142 | 10.846 | 10.818 | 10.899 | HH | 3560       | 75720  | 0.97% | 0.062% |  |
| 143 | 10.922 | 10.899 | 10.986 | HH | 1207       | 43834  | 0.56% | 0.036% |  |
| 144 | 10.997 | 10.986 | 11.042 | HH | 572        | 16820  | 0.22% | 0.014% |  |
| 145 | 11.051 | 11.042 | 11.072 | HH | 389        | 6767   | 0.09% | 0.006% |  |
| 146 | 11.104 | 11.072 | 11.115 | HH | 454        | 10400  | 0.13% | 0.009% |  |
| 147 | 11.157 | 11.115 | 11.172 | HH | 667        | 18084  | 0.23% | 0.015% |  |
| 148 | 11.179 | 11.172 | 11.188 | HH | 609        | 5893   | 0.08% | 0.005% |  |
| 149 | 11.209 | 11.188 | 11.238 | HH | 722        | 18857  | 0.24% | 0.015% |  |
| 150 | 11.279 | 11.238 | 11.340 | HH | 47814      | 635942 | 8.19% | 0.521% |  |
| 151 | 11.360 | 11.340 | 11.414 | HH | 1247       | 43830  | 0.56% | 0.036% |  |
| 152 | 11.441 | 11.414 | 11.462 | HH | 902        | 23666  | 0.30% | 0.019% |  |
| 153 | 11.469 | 11.462 | 11.478 | HH | 868        | 8571   | 0.11% | 0.007% |  |
| 154 | 11.490 | 11.478 | 11.525 | HH | 905        | 23603  | 0.30% | 0.019% |  |
| 155 | 11.532 | 11.525 | 11.548 | HH | 930        | 11955  | 0.15% | 0.010% |  |
| 156 | 11.605 | 11.548 | 11.618 | HH | 1089       | 40626  | 0.52% | 0.033% |  |
| 157 | 11.653 | 11.618 | 11.668 | HH | 1762       | 40002  | 0.51% | 0.033% |  |
| 158 | 11.696 | 11.668 | 11.728 | HH | 1978       | 62037  | 0.80% | 0.051% |  |
| 159 | 11.762 | 11.728 | 11.809 | HH | 2138       | 88019  | 1.13% | 0.072% |  |
| 160 | 11.830 | 11.809 | 11.872 | HH | 1839       | 61690  | 0.79% | 0.051% |  |
| 161 | 11.903 | 11.872 | 11.927 | HH | 1975       | 53990  | 0.69% | 0.044% |  |
| 162 | 11.952 | 11.927 | 11.985 | HH | 2251       | 64853  | 0.83% | 0.053% |  |
| 163 | 12.022 | 11.985 | 12.032 | HH | 1890       | 49883  | 0.64% | 0.041% |  |
| 164 | 12.045 | 12.032 | 12.079 | HH | 1921       | 52569  | 0.68% | 0.043% |  |
| 165 | 12.108 | 12.079 | 12.158 | HH | 1949       | 86000  | 1.11% | 0.070% |  |
| 166 | 12.185 | 12.158 | 12.195 | HH | 2149       | 43869  | 0.56% | 0.036% |  |
| 167 | 12.214 | 12.195 | 12.234 | HH | 2161       | 47883  | 0.62% | 0.039% |  |
| 168 | 12.262 | 12.234 | 12.304 | HH | 2158       | 86365  | 1.11% | 0.071% |  |
| 169 | 12.320 | 12.304 | 12.334 | HH | 2112       | 37367  | 0.48% | 0.031% |  |
| 170 | 12.373 | 12.334 | 12.408 | HH | 2359       | 99243  | 1.28% | 0.081% |  |
| 171 | 12.445 | 12.408 | 12.484 | HH | 2370       | 100004 | 1.29% | 0.082% |  |
| 172 | 12.551 | 12.484 | 12.561 | HH | 2750       | 109827 | 1.41% | 0.090% |  |
| 173 | 12.594 | 12.561 | 12.637 | HH | 46064      | 697573 | 8.98% | 0.572% |  |
| 174 | 12.672 | 12.637 | 12.738 | HH | 7830       | 269125 | 3.46% | 0.221% |  |
| 175 | 12.748 | 12.738 | 12.776 | HH | 2695       | 57392  | 0.74% | 0.047% |  |
| 176 | 12.785 | 12.776 | 12.792 | HH | 2489       | 22090  | 0.28% | 0.018% |  |
| 177 | 12.819 | 12.792 | 12.835 | HH | 2630       | 65463  | 0.84% | 0.054% |  |
| 178 | 12.865 | 12.835 | 12.890 | HH | 3094       | 91937  | 1.18% | 0.075% |  |
| 179 | 12.899 | 12.890 | 12.912 | HH | 2681       | 34183  | 0.44% | 0.028% |  |
| 180 | 12.918 | 12.912 | 12.939 | HH | 2679       | 43218  | 0.56% | 0.035% |  |
| 181 | 12.973 | 12.939 | 13.042 | HH | 7156       | 279726 | 3.60% | 0.229% |  |
| 182 | 13.054 | 13.042 | 13.125 | HH | 3383       | 153370 | 1.97% | 0.126% |  |
| 183 | 13.151 | 13.125 | 13.169 | HH | 3046       | 78068  | 1.00% | 0.064% |  |
| 184 | 13.210 | 13.169 | 13.228 | HH | 3969       | 119862 | 1.54% | 0.098% |  |
| 185 | 13.254 | 13.228 | 13.278 | HH | 3392       | 97963  | 1.26% | 0.080% |  |
| 186 | 13.319 | 13.278 | 13.362 | HH | 4368       | 170833 | 2.20% | 0.140% |  |
| 187 | 13.382 | 13.362 | 13.392 | HH | 3208       | 56909  | 0.73% | 0.047% |  |
| 188 | 13.436 | 13.392 | 13.465 | HH | 3708       | 146950 | 1.89% | 0.120% |  |
| 189 | 13.486 | 13.465 | 13.508 | HH | 3316       | 84957  | 1.09% | 0.070% |  |
| 190 | 13.585 | 13.508 | 13.622 | HH | 4177       | 242180 | 3.12% | 0.198% |  |
| 191 | 13.642 | 13.622 | 13.660 | HH | 3629       | 81758  | 1.05% | 0.067% |  |
| 192 | 13.677 | 13.660 | 13.699 | HH | 3867       | 88306  | 1.14% | 0.072% |  |
| 193 | 13.717 | 13.699 | 13.727 | HH | 3651       | 59396  | 0.76% | 0.049% |  |
| 194 | 13.748 | 13.727 | 13.764 | HH | 4188       | 87407  | 1.12% | 0.072% |  |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.796 | 13.764 | 13.868 | HH | 46017      | 816851  | 10.51% | 0.669% |
| 196 | 13.874 | 13.868 | 13.935 | HH | 3893       | 148480  | 1.91%  | 0.122% |
| 197 | 13.947 | 13.935 | 13.982 | HH | 3624       | 99256   | 1.28%  | 0.081% |
| 198 | 14.019 | 13.982 | 14.052 | HH | 3911       | 152855  | 1.97%  | 0.125% |
| 199 | 14.082 | 14.052 | 14.108 | HH | 3751       | 121908  | 1.57%  | 0.100% |
| 200 | 14.128 | 14.108 | 14.145 | HH | 3709       | 79080   | 1.02%  | 0.065% |
| 201 | 14.160 | 14.145 | 14.168 | HH | 3954       | 53492   | 0.69%  | 0.044% |
| 202 | 14.196 | 14.168 | 14.241 | HH | 4281       | 177724  | 2.29%  | 0.146% |
| 203 | 14.268 | 14.241 | 14.282 | HH | 4052       | 97739   | 1.26%  | 0.080% |
| 204 | 14.314 | 14.282 | 14.336 | HH | 4184       | 130852  | 1.68%  | 0.107% |
| 205 | 14.362 | 14.336 | 14.408 | HH | 6444       | 212544  | 2.74%  | 0.174% |
| 206 | 14.427 | 14.408 | 14.453 | HH | 5101       | 125295  | 1.61%  | 0.103% |
| 207 | 14.462 | 14.453 | 14.472 | HH | 4546       | 50779   | 0.65%  | 0.042% |
| 208 | 14.486 | 14.472 | 14.525 | HH | 4584       | 140462  | 1.81%  | 0.115% |
| 209 | 14.555 | 14.525 | 14.578 | HH | 4591       | 144226  | 1.86%  | 0.118% |
| 210 | 14.586 | 14.578 | 14.594 | HH | 4654       | 42881   | 0.55%  | 0.035% |
| 211 | 14.611 | 14.594 | 14.662 | HH | 4781       | 185434  | 2.39%  | 0.152% |
| 212 | 14.700 | 14.662 | 14.745 | HH | 42716      | 821666  | 10.58% | 0.673% |
| 213 | 14.754 | 14.745 | 14.812 | HH | 4859       | 182139  | 2.34%  | 0.149% |
| 214 | 14.904 | 14.812 | 14.984 | HH | 44725      | 1167187 | 15.02% | 0.957% |
| 215 | 15.045 | 14.984 | 15.092 | HH | 5256       | 317181  | 4.08%  | 0.260% |
| 216 | 15.100 | 15.092 | 15.128 | HH | 4813       | 102266  | 1.32%  | 0.084% |
| 217 | 15.176 | 15.128 | 15.208 | HH | 4867       | 228859  | 2.95%  | 0.188% |
| 218 | 15.241 | 15.208 | 15.262 | HH | 5167       | 160314  | 2.06%  | 0.131% |
| 219 | 15.291 | 15.262 | 15.386 | HH | 14263      | 570576  | 7.34%  | 0.468% |
| 220 | 15.428 | 15.386 | 15.465 | HH | 8913       | 307371  | 3.96%  | 0.252% |
| 221 | 15.501 | 15.465 | 15.526 | HH | 6875       | 218641  | 2.81%  | 0.179% |
| 222 | 15.575 | 15.526 | 15.622 | HH | 6100       | 332958  | 4.29%  | 0.273% |
| 223 | 15.752 | 15.622 | 15.785 | HH | 6593       | 596720  | 7.68%  | 0.489% |
| 224 | 15.803 | 15.785 | 15.855 | HH | 6627       | 268343  | 3.45%  | 0.220% |
| 225 | 15.877 | 15.855 | 15.892 | HH | 6376       | 138170  | 1.78%  | 0.113% |
| 226 | 15.932 | 15.892 | 16.015 | HH | 43709      | 1106655 | 14.24% | 0.907% |
| 227 | 16.027 | 16.015 | 16.038 | HH | 6901       | 94619   | 1.22%  | 0.078% |
| 228 | 16.080 | 16.038 | 16.098 | HH | 7084       | 248150  | 3.19%  | 0.203% |
| 229 | 16.141 | 16.098 | 16.172 | HH | 8480       | 337086  | 4.34%  | 0.276% |
| 230 | 16.231 | 16.172 | 16.271 | HH | 9357       | 483317  | 6.22%  | 0.396% |
| 231 | 16.316 | 16.271 | 16.368 | HH | 9013       | 495358  | 6.38%  | 0.406% |
| 232 | 16.418 | 16.368 | 16.526 | HH | 17053      | 1020477 | 13.13% | 0.836% |
| 233 | 16.570 | 16.526 | 16.631 | HH | 10070      | 613050  | 7.89%  | 0.502% |
| 234 | 16.646 | 16.631 | 16.661 | HH | 9834       | 174644  | 2.25%  | 0.143% |
| 235 | 16.765 | 16.661 | 16.794 | HH | 11856      | 845807  | 10.89% | 0.693% |
| 236 | 16.831 | 16.794 | 16.848 | HH | 12037      | 376075  | 4.84%  | 0.308% |
| 237 | 16.887 | 16.848 | 16.978 | HH | 50479      | 1627581 | 20.95% | 1.334% |
| 238 | 17.006 | 16.978 | 17.041 | HH | 12000      | 445633  | 5.74%  | 0.365% |
| 239 | 17.139 | 17.041 | 17.185 | HH | 15216      | 1130590 | 14.55% | 0.927% |
| 240 | 17.214 | 17.185 | 17.265 | HH | 14432      | 659966  | 8.49%  | 0.541% |
| 241 | 17.339 | 17.265 | 17.396 | HH | 25396      | 1311184 | 16.88% | 1.075% |
| 242 | 17.419 | 17.396 | 17.429 | HH | 14235      | 277046  | 3.57%  | 0.227% |
| 243 | 17.458 | 17.429 | 17.495 | HH | 15502      | 582319  | 7.49%  | 0.477% |
| 244 | 17.548 | 17.495 | 17.567 | HH | 14991      | 625232  | 8.05%  | 0.512% |
| 245 | 17.583 | 17.567 | 17.590 | HH | 14542      | 200575  | 2.58%  | 0.164% |
| 246 | 17.622 | 17.590 | 17.649 | HH | 15791      | 537700  | 6.92%  | 0.441% |

|     |        |        |        |     | rteres.txt |         |         |        |
|-----|--------|--------|--------|-----|------------|---------|---------|--------|
| 247 | 17.682 | 17.649 | 17.710 | HH  | 15880      | 562422  | 7.24%   | 0.461% |
| 248 | 17.779 | 17.710 | 17.878 | HH  | 56075      | 2348536 | 30.23%  | 1.925% |
| 249 | 17.931 | 17.878 | 18.029 | HH  | 21252      | 1660082 | 21.37%  | 1.360% |
| 250 | 18.052 | 18.029 | 18.077 | HH  | 17596      | 504278  | 6.49%   | 0.413% |
| 251 | 18.147 | 18.077 | 18.174 | HH  | 22059      | 1143704 | 14.72%  | 0.937% |
| 252 | 18.204 | 18.174 | 18.248 | HH  | 30099      | 1052925 | 13.55%  | 0.863% |
| 253 | 18.301 | 18.248 | 18.390 | HH  | 24605      | 1752849 | 22.56%  | 1.437% |
| 254 | 18.400 | 18.390 | 18.424 | HH  | 19134      | 388213  | 5.00%   | 0.318% |
| 255 | 18.472 | 18.424 | 18.495 | HH  | 20767      | 853869  | 10.99%  | 0.700% |
| 256 | 18.502 | 18.495 | 18.552 | HH  | 20554      | 681395  | 8.77%   | 0.558% |
| 257 | 18.617 | 18.552 | 18.681 | HH  | 57106      | 2280823 | 29.36%  | 1.869% |
| 258 | 18.726 | 18.681 | 18.752 | HH  | 22846      | 931900  | 11.99%  | 0.764% |
| 259 | 18.775 | 18.752 | 18.813 | HH  | 22996      | 832134  | 10.71%  | 0.682% |
| 260 | 18.923 | 18.813 | 18.941 | HH  | 23361      | 1739142 | 22.38%  | 1.425% |
| 261 | 19.016 | 18.941 | 19.092 | HH  | 31968      | 2408856 | 31.00%  | 1.974% |
| 262 | 19.130 | 19.092 | 19.150 | HH  | 25297      | 876060  | 11.28%  | 0.718% |
| 263 | 19.157 | 19.150 | 19.177 | HH  | 25233      | 408904  | 5.26%   | 0.335% |
| 264 | 19.232 | 19.177 | 19.251 | HH  | 26548      | 1152256 | 14.83%  | 0.944% |
| 265 | 19.267 | 19.251 | 19.282 | HH  | 26591      | 495715  | 6.38%   | 0.406% |
| 266 | 19.409 | 19.282 | 19.480 | HH  | 57446      | 3936726 | 50.67%  | 3.226% |
| 267 | 19.540 | 19.480 | 19.570 | HH  | 30322      | 1617914 | 20.82%  | 1.326% |
| 268 | 19.710 | 19.570 | 19.728 | HH  | 32967      | 3014352 | 38.80%  | 2.470% |
| 269 | 19.789 | 19.728 | 19.845 | HH  | 37638      | 2449166 | 31.52%  | 2.007% |
| 270 | 20.051 | 19.845 | 20.062 | HH  | 39127      | 4733530 | 60.92%  | 3.879% |
| 271 | 20.160 | 20.062 | 20.258 | HH  | 65260      | 5419523 | 69.75%  | 4.441% |
| 272 | 20.325 | 20.258 | 20.378 | HH  | 46402      | 3173665 | 40.85%  | 2.601% |
| 273 | 20.528 | 20.378 | 20.579 | HH  | 47528      | 5547416 | 71.40%  | 4.546% |
| 274 | 20.630 | 20.579 | 20.637 | HH  | 46943      | 1630961 | 20.99%  | 1.337% |
| 275 | 20.649 | 20.637 | 20.723 | HH  | 47096      | 2395556 | 30.83%  | 1.963% |
| 276 | 20.842 | 20.723 | 20.857 | HH  | 47147      | 3757031 | 48.36%  | 3.079% |
| 277 | 20.925 | 20.857 | 21.102 | HH  | 66813      | 7539233 | 97.04%  | 6.179% |
| 278 | 21.108 | 21.102 | 21.146 | HH  | 46577      | 1233421 | 15.87%  | 1.011% |
| 279 | 21.225 | 21.146 | 21.324 | HH  | 47591      | 5021727 | 64.63%  | 4.115% |
| 280 | 21.358 | 21.324 | 21.378 | HH  | 47115      | 1517026 | 19.53%  | 1.243% |
| 281 | 21.403 | 21.378 | 21.499 | HH  | 47153      | 3381202 | 43.52%  | 2.771% |
| 282 | 21.581 | 21.499 | 21.626 | HH  | 46945      | 3573932 | 46.00%  | 2.929% |
| 283 | 21.669 | 21.626 | 21.771 | HH  | 46881      | 4031595 | 51.89%  | 3.304% |
| 284 | 21.783 | 21.771 | 21.798 | HH  | 46446      | 770154  | 9.91%   | 0.631% |
| 285 | 21.883 | 21.798 | 22.052 | HHA | 59973      | 7769582 | 100.00% | 6.367% |

Sum of corrected areas: 122021931

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