

Instrument :  
FID\_E  
ClientSampleId :

rtres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_E\Data\FE040918\  
Data File : FE026588.D  
Signal(s) : FID1B.CH  
Acq On : 10 Apr 2018 1:56  
Sample : J2158-01 5X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Manual Integrations  
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Integration File: Sample.e

Method : P:\HPCHEM1\FID\_E\methods\FE040918.M  
Title :

Signal : FID1B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.970       | 4.925        | 5.022      | PH       | 5382           | 53968        | 0.09%          | 0.018%        |
| 2         | 5.036       | 5.022        | 5.072      | PH       | 2503           | 30884        | 0.05%          | 0.010%        |
| 3         | 5.092       | 5.072        | 5.120      | HH       | 572            | 10217        | 0.02%          | 0.003%        |
| 4         | 5.149       | 5.120        | 5.168      | HH       | 1198           | 16302        | 0.03%          | 0.005%        |
| 5         | 5.195       | 5.168        | 5.207      | HH       | 1382           | 19533        | 0.03%          | 0.006%        |
| 6         | 5.229       | 5.207        | 5.258      | HH       | 3046           | 41495        | 0.07%          | 0.013%        |
| 7         | 5.276       | 5.258        | 5.303      | HH       | 2088           | 31994        | 0.06%          | 0.010%        |
| 8         | 5.320       | 5.303        | 5.333      | HH       | 2905           | 31570        | 0.05%          | 0.010%        |
| 9         | 5.345       | 5.333        | 5.358      | HH       | 2376           | 27556        | 0.05%          | 0.009%        |
| 10        | 5.371       | 5.358        | 5.385      | HH       | 3293           | 36937        | 0.06%          | 0.012%        |
| 11        | 5.410       | 5.385        | 5.429      | HH       | 3982           | 65633        | 0.11%          | 0.021%        |
| 12        | 5.444       | 5.429        | 5.460      | HH       | 4124           | 44278        | 0.08%          | 0.014%        |
| 13        | 5.482       | 5.460        | 5.498      | HH       | 3623           | 51070        | 0.09%          | 0.017%        |
| 14        | 5.527       | 5.498        | 5.551      | HH       | 3682           | 63235        | 0.11%          | 0.021%        |
| 15        | 5.588       | 5.551        | 5.604      | HH       | 3423           | 61761        | 0.11%          | 0.020%        |
| 16        | 5.621       | 5.604        | 5.638      | HH       | 4097           | 57996        | 0.10%          | 0.019%        |
| 17        | 5.657       | 5.638        | 5.677      | HH       | 6153           | 82398        | 0.14%          | 0.027%        |
| 18        | 5.721       | 5.677        | 5.741      | HH       | 8350           | 147628       | 0.26%          | 0.048%        |
| 19        | 5.752       | 5.741        | 5.788      | HH       | 3278           | 70280        | 0.12%          | 0.023%        |
| 20        | 5.839       | 5.788        | 5.864      | HH       | 4116           | 106922       | 0.19%          | 0.035%        |
| 21        | 5.879       | 5.864        | 5.888      | HH       | 3712           | 45983        | 0.08%          | 0.015%        |
| 22        | 5.923       | 5.888        | 5.943      | HH       | 6461           | 142308       | 0.25%          | 0.046%        |
| 23        | 5.957       | 5.943        | 5.977      | HH       | 3622           | 62134        | 0.11%          | 0.020%        |
| 24        | 5.991       | 5.977        | 6.001      | HH       | 4780           | 54416        | 0.09%          | 0.018%        |
| 25        | 6.020       | 6.001        | 6.060      | HH       | 29148          | 358289       | 0.62%          | 0.116%        |
| 26        | 6.080       | 6.060        | 6.108      | HH       | 14494          | 187579       | 0.33%          | 0.061%        |
| 27        | 6.120       | 6.108        | 6.152      | HH       | 3411           | 76497        | 0.13%          | 0.025%        |
| 28        | 6.213       | 6.152        | 6.225      | HH       | 4364           | 153665       | 0.27%          | 0.050%        |
| 29        | 6.243       | 6.225        | 6.289      | HH       | 11383          | 213723       | 0.37%          | 0.069%        |
| 30        | 6.314       | 6.289        | 6.324      | HH       | 9414           | 127615       | 0.22%          | 0.041%        |
| 31        | 6.338       | 6.324        | 6.359      | HH       | 16484          | 205673       | 0.36%          | 0.067%        |
| 32        | 6.384       | 6.359        | 6.398      | HH       | 9509           | 155821       | 0.27%          | 0.051%        |
| 33        | 6.410       | 6.398        | 6.421      | HH       | 8200           | 83179        | 0.14%          | 0.027%        |
| 34        | 6.434       | 6.421        | 6.445      | HH       | 10489          | 121264       | 0.21%          | 0.039%        |
| 35        | 6.454       | 6.445        | 6.482      | HH       | 9254           | 143255       | 0.25%          | 0.047%        |
| 36        | 6.500       | 6.482        | 6.521      | HH       | 8052           | 134266       | 0.23%          | 0.044%        |

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|    |       |       |       |    | rt    | Area    | Area% | Height |
|----|-------|-------|-------|----|-------|---------|-------|--------|
| 37 | 6.553 | 6.521 | 6.568 | HH | 9429  | 194125  | 0.34% | 0.063% |
| 38 | 6.585 | 6.568 | 6.602 | HH | 8568  | 146514  | 0.25% | 0.048% |
| 39 | 6.624 | 6.602 | 6.642 | HH | 12103 | 186030  | 0.32% | 0.060% |
| 40 | 6.668 | 6.642 | 6.705 | HH | 11810 | 272216  | 0.47% | 0.088% |
| 41 | 6.732 | 6.705 | 6.762 | HH | 16671 | 291139  | 0.51% | 0.095% |
| 42 | 6.787 | 6.762 | 6.811 | HH | 9466  | 225511  | 0.39% | 0.073% |
| 43 | 6.823 | 6.811 | 6.838 | HH | 10420 | 137699  | 0.24% | 0.045% |
| 44 | 6.863 | 6.838 | 6.890 | HH | 9923  | 257506  | 0.45% | 0.084% |
| 45 | 6.905 | 6.890 | 6.927 | HH | 8545  | 151265  | 0.26% | 0.049% |
| 46 | 6.982 | 6.927 | 6.995 | HH | 16921 | 367692  | 0.64% | 0.119% |
| 47 | 7.012 | 6.995 | 7.033 | HH | 49355 | 514224  | 0.89% | 0.167% |
| 48 | 7.059 | 7.033 | 7.078 | HH | 10495 | 232606  | 0.40% | 0.076% |
| 49 | 7.089 | 7.078 | 7.098 | HH | 6676  | 77047   | 0.13% | 0.025% |
| 50 | 7.116 | 7.098 | 7.129 | HH | 8306  | 139787  | 0.24% | 0.045% |
| 51 | 7.137 | 7.129 | 7.145 | HH | 8107  | 74845   | 0.13% | 0.024% |
| 52 | 7.165 | 7.145 | 7.207 | HH | 21004 | 399840  | 0.69% | 0.130% |
| 53 | 7.233 | 7.207 | 7.269 | HH | 15854 | 350670  | 0.61% | 0.114% |
| 54 | 7.323 | 7.269 | 7.338 | HH | 13711 | 405889  | 0.70% | 0.132% |
| 55 | 7.353 | 7.338 | 7.362 | HH | 11868 | 153459  | 0.27% | 0.050% |
| 56 | 7.372 | 7.362 | 7.402 | HH | 12323 | 247419  | 0.43% | 0.080% |
| 57 | 7.449 | 7.402 | 7.468 | HH | 32703 | 548201  | 0.95% | 0.178% |
| 58 | 7.479 | 7.468 | 7.492 | HH | 9723  | 125986  | 0.22% | 0.041% |
| 59 | 7.514 | 7.492 | 7.526 | HH | 13832 | 234066  | 0.41% | 0.076% |
| 60 | 7.533 | 7.526 | 7.547 | HH | 12526 | 141140  | 0.24% | 0.046% |
| 61 | 7.576 | 7.547 | 7.589 | HH | 15043 | 305515  | 0.53% | 0.099% |
| 62 | 7.600 | 7.589 | 7.605 | HH | 13776 | 119265  | 0.21% | 0.039% |
| 63 | 7.619 | 7.605 | 7.639 | HH | 19433 | 295370  | 0.51% | 0.096% |
| 64 | 7.647 | 7.639 | 7.662 | HH | 10652 | 138163  | 0.24% | 0.045% |
| 65 | 7.682 | 7.662 | 7.703 | HH | 33084 | 422876  | 0.73% | 0.137% |
| 66 | 7.722 | 7.703 | 7.737 | HH | 19750 | 273740  | 0.47% | 0.089% |
| 67 | 7.771 | 7.737 | 7.801 | HH | 13823 | 434869  | 0.75% | 0.141% |
| 68 | 7.820 | 7.801 | 7.872 | HH | 16073 | 501267  | 0.87% | 0.163% |
| 69 | 7.891 | 7.872 | 7.914 | HH | 10708 | 263958  | 0.46% | 0.086% |
| 70 | 7.945 | 7.914 | 8.001 | HH | 67734 | 1281265 | 2.22% | 0.416% |
| 71 | 8.016 | 8.001 | 8.028 | HH | 16951 | 223307  | 0.39% | 0.073% |
| 72 | 8.038 | 8.028 | 8.051 | HH | 15598 | 194366  | 0.34% | 0.063% |
| 73 | 8.064 | 8.051 | 8.094 | HH | 13983 | 306165  | 0.53% | 0.099% |
| 74 | 8.120 | 8.094 | 8.137 | HH | 15552 | 319165  | 0.55% | 0.104% |
| 75 | 8.153 | 8.137 | 8.165 | HH | 19309 | 262373  | 0.46% | 0.085% |
| 76 | 8.175 | 8.165 | 8.232 | HH | 17857 | 516691  | 0.90% | 0.168% |
| 77 | 8.255 | 8.232 | 8.269 | HH | 14191 | 250560  | 0.43% | 0.081% |
| 78 | 8.295 | 8.269 | 8.317 | HH | 21019 | 448354  | 0.78% | 0.146% |
| 79 | 8.327 | 8.317 | 8.351 | HH | 15135 | 263233  | 0.46% | 0.086% |
| 80 | 8.377 | 8.351 | 8.388 | HH | 15370 | 296028  | 0.51% | 0.096% |
| 81 | 8.404 | 8.388 | 8.418 | HH | 19739 | 309676  | 0.54% | 0.101% |
| 82 | 8.429 | 8.418 | 8.448 | HH | 18642 | 280421  | 0.49% | 0.091% |
| 83 | 8.472 | 8.448 | 8.502 | HH | 19885 | 497195  | 0.86% | 0.162% |
| 84 | 8.517 | 8.502 | 8.550 | HH | 20275 | 427030  | 0.74% | 0.139% |
| 85 | 8.588 | 8.550 | 8.602 | HH | 23823 | 559117  | 0.97% | 0.182% |
| 86 | 8.613 | 8.602 | 8.628 | HH | 20285 | 262978  | 0.46% | 0.085% |
| 87 | 8.645 | 8.628 | 8.676 | HH | 26874 | 513303  | 0.89% | 0.167% |
| 88 | 8.688 | 8.676 | 8.713 | HH | 15869 | 329423  | 0.57% | 0.107% |
| 89 | 8.759 | 8.713 | 8.775 | HH | 30087 | 671016  | 1.16% | 0.218% |

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|--------|--------|--------|--------|----|-------|---------|-------|--------|--|
| 90     | 8.789  | 8.775  | 8.802  | HH | 23461 | 315001  | 0.55% | 0.102% |  |
| 91     | 8.823  | 8.802  | 8.858  | HH | 83592 | 1196926 | 2.08% | 0.389% |  |
| 92     | 8.875  | 8.858  | 8.887  | HH | 22803 | 339215  | 0.59% | 0.110% |  |
| 93     | 8.900  | 8.887  | 8.938  | HH | 27097 | 582649  | 1.01% | 0.189% |  |
| 94     | 8.964  | 8.938  | 8.976  | HH | 21583 | 429991  | 0.75% | 0.140% |  |
| 95     | 8.983  | 8.976  | 9.001  | HH | 20071 | 258396  | 0.45% | 0.084% |  |
| 96     | 9.021  | 9.001  | 9.033  | HH | 21137 | 337265  | 0.59% | 0.110% |  |
| 97     | 9.043  | 9.033  | 9.057  | HH | 19610 | 259938  | 0.45% | 0.084% |  |
| 98     | 9.079  | 9.057  | 9.104  | HH | 22292 | 506484  | 0.88% | 0.165% |  |
| 99     | 9.120  | 9.104  | 9.138  | HH | 15420 | 310403  | 0.54% | 0.101% |  |
| 100    | 9.147  | 9.138  | 9.157  | HH | 15157 | 168198  | 0.29% | 0.055% |  |
| 101    | 9.168  | 9.157  | 9.186  | HH | 15859 | 251675  | 0.44% | 0.082% |  |
| 102    | 9.210  | 9.186  | 9.223  | HH | 18971 | 371876  | 0.65% | 0.121% |  |
| 103    | 9.237  | 9.223  | 9.258  | HH | 20208 | 408754  | 0.71% | 0.133% |  |
| 104    | 9.274  | 9.258  | 9.292  | HH | 22292 | 402937  | 0.70% | 0.131% |  |
| 105    | 9.314  | 9.292  | 9.343  | HH | 23170 | 621405  | 1.08% | 0.202% |  |
| 106    | 9.365  | 9.343  | 9.391  | HH | 38917 | 715402  | 1.24% | 0.232% |  |
| 107    | 9.418  | 9.391  | 9.444  | HH | 23892 | 563095  | 0.98% | 0.183% |  |
| 108    | 9.479  | 9.444  | 9.492  | HH | 18530 | 482706  | 0.84% | 0.157% |  |
| 109    | 9.513  | 9.492  | 9.533  | HH | 22417 | 468952  | 0.81% | 0.152% |  |
| 110    | 9.552  | 9.533  | 9.576  | HH | 21003 | 452423  | 0.78% | 0.147% |  |
| 111    | 9.612  | 9.576  | 9.623  | HH | 19804 | 513666  | 0.89% | 0.167% |  |
| 112    | 9.652  | 9.623  | 9.672  | HH | 94086 | 1228409 | 2.13% | 0.399% |  |
| 113    | 9.682  | 9.672  | 9.710  | HH | 21100 | 437607  | 0.76% | 0.142% |  |
| 114    | 9.731  | 9.710  | 9.772  | HH | 23233 | 707819  | 1.23% | 0.230% |  |
| 115    | 9.785  | 9.772  | 9.802  | HH | 18225 | 317530  | 0.55% | 0.103% |  |
| 116    | 9.842  | 9.802  | 9.862  | HH | 21489 | 654772  | 1.14% | 0.213% |  |
| 117    | 9.878  | 9.862  | 9.921  | HH | 19313 | 649792  | 1.13% | 0.211% |  |
| 118    | 9.938  | 9.921  | 9.965  | HH | 20672 | 494844  | 0.86% | 0.161% |  |
| 119    | 9.977  | 9.965  | 10.000 | HH | 19579 | 387655  | 0.67% | 0.126% |  |
| 120    | 10.044 | 10.000 | 10.059 | HH | 30950 | 822579  | 1.43% | 0.267% |  |
| 121    | 10.073 | 10.059 | 10.088 | HH | 27694 | 401242  | 0.70% | 0.130% |  |
| 122    | 10.118 | 10.088 | 10.139 | HH | 25775 | 663648  | 1.15% | 0.216% |  |
| 123    | 10.160 | 10.139 | 10.182 | HH | 31134 | 604910  | 1.05% | 0.197% |  |
| 124    | 10.195 | 10.182 | 10.204 | HH | 22314 | 278927  | 0.48% | 0.091% |  |
| 125    | 10.218 | 10.204 | 10.247 | HH | 26388 | 537278  | 0.93% | 0.175% |  |
| 126    | 10.260 | 10.247 | 10.272 | HH | 19235 | 279856  | 0.49% | 0.091% |  |
| 127    | 10.288 | 10.272 | 10.328 | HH | 20550 | 636763  | 1.10% | 0.207% |  |
| 128    | 10.386 | 10.328 | 10.412 | HH | 23108 | 1052624 | 1.83% | 0.342% |  |
| 129    | 10.437 | 10.412 | 10.474 | HH | 99823 | 1500339 | 2.60% | 0.487% |  |
| 130    | 10.494 | 10.474 | 10.507 | HH | 22633 | 405947  | 0.70% | 0.132% |  |
| 131    | 10.515 | 10.507 | 10.555 | HH | 21297 | 588190  | 1.02% | 0.191% |  |
| 132    | 10.562 | 10.555 | 10.602 | HH | 19869 | 521917  | 0.91% | 0.170% |  |
| 133    | 10.649 | 10.602 | 10.684 | HH | 20283 | 925926  | 1.61% | 0.301% |  |
| 134    | 10.719 | 10.684 | 10.752 | HH | 19849 | 765567  | 1.33% | 0.249% |  |
| 135    | 10.785 | 10.752 | 10.800 | HH | 26912 | 617791  | 1.07% | 0.201% |  |
| 136    | 10.833 | 10.800 | 10.861 | HH | 44900 | 1045763 | 1.81% | 0.340% |  |
| 137    | 10.880 | 10.861 | 10.900 | HH | 25373 | 526838  | 0.91% | 0.171% |  |
| 138    | 10.921 | 10.900 | 10.946 | HH | 30010 | 662336  | 1.15% | 0.215% |  |
| 139    | 10.973 | 10.946 | 10.987 | HH | 26763 | 573957  | 1.00% | 0.186% |  |
| 140    | 11.003 | 10.987 | 11.025 | HH | 26279 | 513088  | 0.89% | 0.167% |  |
| 141    | 11.034 | 11.025 | 11.053 | HH | 19807 | 325334  | 0.56% | 0.106% |  |

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|--------|--------|--------|--------|----|---------|----------|--------|--------|--|
| 142    | 11.082 | 11.053 | 11.095 | HH | 23851   | 542831   | 0.94%  | 0.176% |  |
| 143    | 11.108 | 11.095 | 11.120 | HH | 23531   | 337544   | 0.59%  | 0.110% |  |
| 144    | 11.136 | 11.120 | 11.157 | HH | 24457   | 517032   | 0.90%  | 0.168% |  |
| 145    | 11.182 | 11.157 | 11.210 | HH | 94554   | 1399477  | 2.43%  | 0.455% |  |
| 146    | 11.256 | 11.210 | 11.276 | HH | 42496   | 1185749  | 2.06%  | 0.385% |  |
| 147    | 11.288 | 11.276 | 11.338 | HH | 25712   | 855212   | 1.48%  | 0.278% |  |
| 148    | 11.353 | 11.338 | 11.370 | HH | 23297   | 404790   | 0.70%  | 0.132% |  |
| 149    | 11.391 | 11.370 | 11.415 | HH | 21768   | 563896   | 0.98%  | 0.183% |  |
| 150    | 11.445 | 11.415 | 11.458 | HH | 22366   | 527378   | 0.91%  | 0.171% |  |
| 151    | 11.497 | 11.458 | 11.542 | HH | 57893   | 1521881  | 2.64%  | 0.494% |  |
| 152    | 11.576 | 11.542 | 11.621 | HH | 36875   | 1284836  | 2.23%  | 0.417% |  |
| 153    | 11.641 | 11.621 | 11.668 | HH | 26692   | 639781   | 1.11%  | 0.208% |  |
| 154    | 11.693 | 11.668 | 11.715 | HH | 26282   | 642432   | 1.11%  | 0.209% |  |
| 155    | 11.740 | 11.715 | 11.759 | HH | 23011   | 570531   | 0.99%  | 0.185% |  |
| 156    | 11.797 | 11.759 | 11.818 | HH | 23149   | 791189   | 1.37%  | 0.257% |  |
| 157    | 11.890 | 11.818 | 11.913 | HH | 85441   | 1884338  | 3.27%  | 0.612% |  |
| 158    | 11.938 | 11.913 | 11.952 | HH | 24909   | 533727   | 0.93%  | 0.173% |  |
| 159    | 11.985 | 11.952 | 12.008 | HH | 38997   | 957267   | 1.66%  | 0.311% |  |
| 160    | 12.023 | 12.008 | 12.038 | HH | 25234   | 427780   | 0.74%  | 0.139% |  |
| 161    | 12.053 | 12.038 | 12.070 | HH | 22360   | 408769   | 0.71%  | 0.133% |  |
| 162    | 12.088 | 12.070 | 12.115 | HH | 23416   | 599583   | 1.04%  | 0.195% |  |
| 163    | 12.153 | 12.115 | 12.167 | HH | 25143   | 718530   | 1.25%  | 0.233% |  |
| 164    | 12.187 | 12.167 | 12.231 | HH | 27306   | 946744   | 1.64%  | 0.308% |  |
| 165    | 12.249 | 12.231 | 12.270 | HH | 24399   | 547649   | 0.95%  | 0.178% |  |
| 166    | 12.302 | 12.270 | 12.318 | HH | 32578   | 787482   | 1.37%  | 0.256% |  |
| 167    | 12.333 | 12.318 | 12.359 | HH | 33224   | 678452   | 1.18%  | 0.220% |  |
| 168    | 12.380 | 12.359 | 12.391 | HH | 26457   | 471637   | 0.82%  | 0.153% |  |
| 169    | 12.402 | 12.391 | 12.412 | HH | 26046   | 316851   | 0.55%  | 0.103% |  |
| 170    | 12.427 | 12.412 | 12.440 | HH | 30114   | 464782   | 0.81%  | 0.151% |  |
| 171    | 12.457 | 12.440 | 12.475 | HH | 40308   | 662809   | 1.15%  | 0.215% |  |
| 172    | 12.488 | 12.475 | 12.509 | HH | 30051   | 544636   | 0.94%  | 0.177% |  |
| 173    | 12.566 | 12.509 | 12.591 | HH | 67367   | 1657815  | 2.88%  | 0.539% |  |
| 174    | 12.631 | 12.591 | 12.652 | HH | 1059481 | 12070059 | 20.94% | 3.922% |  |
| 175    | 12.662 | 12.652 | 12.696 | HH | 26246   | 665255   | 1.15%  | 0.216% |  |
| 176    | 12.712 | 12.696 | 12.740 | HH | 24959   | 627694   | 1.09%  | 0.204% |  |
| 177    | 12.773 | 12.740 | 12.792 | HH | 26559   | 743540   | 1.29%  | 0.242% |  |
| 178    | 12.806 | 12.792 | 12.821 | HH | 25175   | 423698   | 0.73%  | 0.138% |  |
| 179    | 12.843 | 12.821 | 12.891 | HH | 28263   | 1088517  | 1.89%  | 0.354% |  |
| 180    | 12.907 | 12.891 | 12.921 | HH | 25152   | 426715   | 0.74%  | 0.139% |  |
| 181    | 12.946 | 12.921 | 12.958 | HH | 25985   | 566447   | 0.98%  | 0.184% |  |
| 182    | 12.986 | 12.958 | 13.017 | HH | 28186   | 938093   | 1.63%  | 0.305% |  |
| 183    | 13.034 | 13.017 | 13.049 | HH | 27446   | 490622   | 0.85%  | 0.159% |  |
| 184    | 13.066 | 13.049 | 13.078 | HH | 28358   | 469171   | 0.81%  | 0.152% |  |
| 185    | 13.096 | 13.078 | 13.152 | HH | 33435   | 1215155  | 2.11%  | 0.395% |  |
| 186    | 13.172 | 13.152 | 13.188 | HH | 26341   | 561823   | 0.97%  | 0.183% |  |
| 187    | 13.210 | 13.188 | 13.234 | HH | 70277   | 1159221  | 2.01%  | 0.377% |  |
| 188    | 13.262 | 13.234 | 13.298 | HH | 37257   | 1164420  | 2.02%  | 0.378% |  |
| 189    | 13.340 | 13.298 | 13.387 | HH | 83423   | 1965453  | 3.41%  | 0.639% |  |
| 190    | 13.399 | 13.387 | 13.417 | HH | 25288   | 443446   | 0.77%  | 0.144% |  |
| 191    | 13.436 | 13.417 | 13.446 | HH | 26787   | 449020   | 0.78%  | 0.146% |  |
| 192    | 13.478 | 13.446 | 13.502 | HH | 32537   | 959313   | 1.66%  | 0.312% |  |
| 193    | 13.533 | 13.502 | 13.564 | HH | 32393   | 1062860  | 1.84%  | 0.345% |  |
| 194    | 13.583 | 13.564 | 13.604 | HH | 30094   | 659802   | 1.14%  | 0.214% |  |

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| rteres |        |        |        |    |         |          |         |         |
|--------|--------|--------|--------|----|---------|----------|---------|---------|
| 195    | 13.692 | 13.604 | 13.716 | HH | 2549804 | 57649468 | 100.00% | 18.730% |
| 196    | 13.742 | 13.716 | 13.791 | HH | 1865776 | 26795583 | 46.48%  | 8.706%  |
| 197    | 13.831 | 13.791 | 13.862 | HH | 56036   | 1554145  | 2.70%   | 0.505%  |
| 198    | 13.890 | 13.862 | 13.918 | HH | 478677  | 5602850  | 9.72%   | 1.820%  |
| 199    | 13.928 | 13.918 | 13.938 | HH | 35610   | 406509   | 0.71%   | 0.132%  |
| 200    | 13.948 | 13.938 | 13.962 | HH | 36068   | 491464   | 0.85%   | 0.160%  |
| 201    | 13.976 | 13.962 | 14.001 | HH | 34360   | 740720   | 1.28%   | 0.241%  |
| 202    | 14.061 | 14.001 | 14.089 | HH | 35156   | 1670712  | 2.90%   | 0.543%  |
| 203    | 14.115 | 14.089 | 14.151 | HH | 35958   | 1235266  | 2.14%   | 0.401%  |
| 204    | 14.180 | 14.151 | 14.212 | HH | 51437   | 1356615  | 2.35%   | 0.441%  |
| 205    | 14.250 | 14.212 | 14.283 | HH | 40329   | 1519925  | 2.64%   | 0.494%  |
| 206    | 14.323 | 14.283 | 14.339 | HH | 43474   | 1190425  | 2.06%   | 0.387%  |
| 207    | 14.352 | 14.339 | 14.379 | HH | 36871   | 813419   | 1.41%   | 0.264%  |
| 208    | 14.418 | 14.379 | 14.443 | HH | 56085   | 1584331  | 2.75%   | 0.515%  |
| 209    | 14.462 | 14.443 | 14.502 | HH | 44256   | 1412837  | 2.45%   | 0.459%  |
| 210    | 14.527 | 14.502 | 14.555 | HH | 51815   | 1388276  | 2.41%   | 0.451%  |
| 211    | 14.567 | 14.555 | 14.583 | HH | 36968   | 597101   | 1.04%   | 0.194%  |
| 212    | 14.595 | 14.583 | 14.612 | HH | 35443   | 588927   | 1.02%   | 0.191%  |
| 213    | 14.637 | 14.612 | 14.670 | HH | 37639   | 1260186  | 2.19%   | 0.409%  |
| 214    | 14.705 | 14.670 | 14.716 | HH | 55692   | 1282483  | 2.22%   | 0.417%  |
| 215    | 14.727 | 14.716 | 14.750 | HH | 59291   | 963453   | 1.67%   | 0.313%  |
| 216    | 14.786 | 14.750 | 14.801 | HH | 37775   | 1132581  | 1.96%   | 0.368%  |
| 217    | 14.832 | 14.801 | 14.851 | HH | 46868   | 1242095  | 2.15%   | 0.404%  |
| 218    | 14.881 | 14.851 | 14.900 | HH | 62240   | 1395212  | 2.42%   | 0.453%  |
| 219    | 14.930 | 14.900 | 14.960 | HH | 55132   | 1827685  | 3.17%   | 0.594%  |
| 220    | 14.983 | 14.960 | 15.016 | HH | 63125   | 1847651  | 3.20%   | 0.600%  |
| 221    | 15.041 | 15.016 | 15.092 | HH | 85714   | 2670169  | 4.63%   | 0.868%  |
| 222    | 15.109 | 15.092 | 15.132 | HH | 63476   | 1255276  | 2.18%   | 0.408%  |
| 223    | 15.161 | 15.132 | 15.202 | HH | 62932   | 1936484  | 3.36%   | 0.629%  |
| 224    | 15.224 | 15.202 | 15.264 | HH | 48082   | 1648615  | 2.86%   | 0.536%  |
| 225    | 15.281 | 15.264 | 15.295 | HH | 44675   | 830692   | 1.44%   | 0.270%  |
| 226    | 15.320 | 15.295 | 15.348 | HH | 97227   | 1981864  | 3.44%   | 0.644%  |
| 227    | 15.361 | 15.348 | 15.373 | HH | 42280   | 621277   | 1.08%   | 0.202%  |
| 228    | 15.386 | 15.373 | 15.401 | HH | 42586   | 708048   | 1.23%   | 0.230%  |
| 229    | 15.415 | 15.401 | 15.445 | HH | 42062   | 1082845  | 1.88%   | 0.352%  |
| 230    | 15.459 | 15.445 | 15.471 | HH | 41781   | 636262   | 1.10%   | 0.207%  |
| 231    | 15.532 | 15.471 | 15.560 | HH | 85222   | 3048446  | 5.29%   | 0.990%  |
| 232    | 15.581 | 15.560 | 15.607 | HH | 76572   | 1545121  | 2.68%   | 0.502%  |
| 233    | 15.622 | 15.607 | 15.648 | HH | 43887   | 1058779  | 1.84%   | 0.344%  |
| 234    | 15.708 | 15.648 | 15.736 | HH | 48604   | 2438316  | 4.23%   | 0.792%  |
| 235    | 15.773 | 15.736 | 15.808 | HH | 47173   | 1986677  | 3.45%   | 0.645%  |
| 236    | 15.857 | 15.808 | 15.874 | HH | 48293   | 1857507  | 3.22%   | 0.603%  |
| 237    | 15.890 | 15.874 | 15.902 | HH | 48752   | 800457   | 1.39%   | 0.260%  |
| 238    | 15.911 | 15.902 | 15.942 | HH | 48659   | 1140518  | 1.98%   | 0.371%  |
| 239    | 16.012 | 15.942 | 16.031 | HH | 52076   | 2642928  | 4.58%   | 0.859%  |
| 240    | 16.050 | 16.031 | 16.072 | HH | 58775   | 1322415  | 2.29%   | 0.430%  |
| 241    | 16.109 | 16.072 | 16.148 | HH | 82983   | 2639441  | 4.58%   | 0.858%  |
| 242    | 16.169 | 16.148 | 16.188 | HH | 52897   | 1214388  | 2.11%   | 0.395%  |
| 243    | 16.213 | 16.188 | 16.234 | HH | 59890   | 1484080  | 2.57%   | 0.482%  |
| 244    | 16.251 | 16.234 | 16.291 | HH | 55077   | 1805183  | 3.13%   | 0.586%  |
| 245    | 16.330 | 16.291 | 16.342 | HH | 53274   | 1582507  | 2.75%   | 0.514%  |
| 246    | 16.374 | 16.342 | 16.403 | HH | 58031   | 2023045  | 3.51%   | 0.657%  |

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|     |        |        |        |    | rters                   |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
| 247 | 16.447 | 16.403 | 16.482 | HH | 53985                   | 2519760 | 4.37%     | 0.819% |
| 248 | 16.554 | 16.482 | 16.585 | HH | 65603                   | 3524561 | 6.11%     | 1.145% |
| 249 | 16.614 | 16.585 | 16.632 | HH | 58685                   | 1599315 | 2.77%     | 0.520% |
| 250 | 16.648 | 16.632 | 16.678 | HH | 58597                   | 1621164 | 2.81%     | 0.527% |
| 251 | 16.681 | 16.678 | 16.712 | HH | 58141                   | 1136329 | 1.97%     | 0.369% |
| 252 | 16.723 | 16.712 | 16.772 | HH | 58547                   | 2079078 | 3.61%     | 0.675% |
| 253 | 16.809 | 16.772 | 16.835 | HH | 63158                   | 2334638 | 4.05%     | 0.759% |
| 254 | 16.897 | 16.835 | 16.936 | HH | 65867                   | 3821600 | 6.63%     | 1.242% |
| 255 | 16.945 | 16.936 | 16.954 | HH | 64008                   | 698344  | 1.21%     | 0.227% |
| 256 | 16.969 | 16.954 | 16.987 | HH | 64754                   | 1280893 | 2.22%     | 0.416% |
| 257 | 17.039 | 16.987 | 17.063 | HH | 76680                   | 3125704 | 5.42%     | 1.016% |
| 258 | 17.113 | 17.063 | 17.132 | HH | 105977                  | 3343151 | 5.80%     | 1.086% |
| 259 | 17.142 | 17.132 | 17.170 | HH | 83260                   | 1715320 | 2.98%     | 0.557% |
| 260 | 17.248 | 17.170 | 17.268 | HH | 81605                   | 4372242 | 7.58%     | 1.421% |
| 261 | 17.286 | 17.268 | 17.299 | HH | 74862                   | 1373734 | 2.38%     | 0.446% |
| 262 | 17.334 | 17.299 | 17.355 | HH | 75202                   | 2478815 | 4.30%     | 0.805% |
| 263 | 17.377 | 17.355 | 17.392 | HH | 101550                  | 1931264 | 3.35%     | 0.627% |
| 264 | 17.412 | 17.392 | 17.430 | HH | 128227                  | 2323455 | 4.03%     | 0.755% |
| 265 | 17.443 | 17.430 | 17.471 | HH | 101178                  | 2140972 | 3.71%     | 0.696% |
| 266 | 17.504 | 17.471 | 17.528 | HH | 113936                  | 3069653 | 5.32%     | 0.997% |
|     |        |        |        |    | Sum of corrected areas: |         | 307790481 |        |

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