

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090919\  
 Data File : FE030376.D  
 Signal(s) : FID1B.CH  
 Acq On : 10 Sep 2019 2:27  
 Sample : K4757-20MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE090819.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         | 2.323       | 2.295        | 2.552      | PH       | 409798         | 2080008      | 33.10%         | 1.504%        |
| 2         | 2.565       | 2.552        | 2.575      | PV       | -2939          | -56782       | -0.90%         | -0.041%       |
| 3         | 2.592       | 2.575        | 2.740      | PV       | 548            | 11348        | 0.18%          | 0.008%        |
| 4         | 2.753       | 2.740        | 2.775      | PV       | 144            | 2404         | 0.04%          | 0.002%        |
| 5         | 2.784       | 2.775        | 2.821      | VV       | 166            | 2657         | 0.04%          | 0.002%        |
| 6         | 2.827       | 2.821        | 2.883      | VV       | 172            | 4311         | 0.07%          | 0.003%        |
| 7         | 2.897       | 2.883        | 2.922      | PV       | 209            | 2540         | 0.04%          | 0.002%        |
| 8         | 2.935       | 2.922        | 2.955      | VV       | 186            | 2007         | 0.03%          | 0.001%        |
| 9         | 2.965       | 2.955        | 2.980      | VV       | 135            | 1578         | 0.03%          | 0.001%        |
| 10        | 3.017       | 2.980        | 3.086      | VV       | 176            | 5538         | 0.09%          | 0.004%        |
| 11        | 3.095       | 3.086        | 3.118      | VV       | 159            | 1545         | 0.02%          | 0.001%        |
| 12        | 3.129       | 3.118        | 3.136      | PV       | 130            | 783          | 0.01%          | 0.001%        |
| 13        | 3.155       | 3.136        | 3.198      | VV       | 185            | 4410         | 0.07%          | 0.003%        |
| 14        | 3.217       | 3.198        | 3.318      | VV       | 242            | 5250         | 0.08%          | 0.004%        |
| 15        | 3.324       | 3.318        | 3.343      | VV       | 139            | 1100         | 0.02%          | 0.001%        |
| 16        | 3.373       | 3.343        | 3.425      | PV       | 163            | 5116         | 0.08%          | 0.004%        |
| 17        | 3.431       | 3.425        | 3.448      | VV       | 189            | 2119         | 0.03%          | 0.002%        |
| 18        | 3.458       | 3.448        | 3.493      | VV       | 149            | 2465         | 0.04%          | 0.002%        |
| 19        | 3.509       | 3.493        | 3.521      | VV       | 135            | 1610         | 0.03%          | 0.001%        |
| 20        | 3.557       | 3.521        | 3.593      | VV       | 241            | 7167         | 0.11%          | 0.005%        |
| 21        | 3.601       | 3.593        | 3.618      | VV       | 141            | 1845         | 0.03%          | 0.001%        |
| 22        | 3.628       | 3.618        | 3.635      | PV       | 187            | 1022         | 0.02%          | 0.001%        |
| 23        | 3.644       | 3.635        | 3.665      | VV       | 136            | 2105         | 0.03%          | 0.002%        |
| 24        | 3.675       | 3.665        | 3.724      | VV       | 270            | 5855         | 0.09%          | 0.004%        |
| 25        | 3.743       | 3.724        | 3.790      | VV       | 305            | 5878         | 0.09%          | 0.004%        |
| 26        | 3.808       | 3.790        | 3.854      | VV       | 307            | 5146         | 0.08%          | 0.004%        |
| 27        | 3.863       | 3.854        | 3.908      | PV       | 214            | 3228         | 0.05%          | 0.002%        |
| 28        | 3.920       | 3.908        | 3.968      | VV       | 208            | 4401         | 0.07%          | 0.003%        |
| 29        | 3.989       | 3.968        | 4.045      | VV       | 251            | 8314         | 0.13%          | 0.006%        |
| 30        | 4.099       | 4.045        | 4.129      | VV       | 331            | 11855        | 0.19%          | 0.009%        |
| 31        | 4.170       | 4.129        | 4.240      | VV       | 369            | 12950        | 0.21%          | 0.009%        |
| 32        | 4.314       | 4.240        | 4.622      | VV       | 421853         | 5049597      | 80.37%         | 3.650%        |
| 33        | 4.632       | 4.622        | 4.671      | VV       | 1070           | 27608        | 0.44%          | 0.020%        |
| 34        | 4.681       | 4.671        | 4.735      | VV       | 832            | 27377        | 0.44%          | 0.020%        |
| 35        | 4.744       | 4.735        | 4.799      | VV       | 636            | 21518        | 0.34%          | 0.016%        |
| 36        | 4.808       | 4.799        | 4.841      | VV       | 522            | 12440        | 0.20%          | 0.009%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 37 | 4.891 | 4.841 | 4.935 | VV | 631    | 30523   | 0.49%  | 0.022% |
| 38 | 4.946 | 4.935 | 5.011 | VV | 645    | 23197   | 0.37%  | 0.017% |
| 39 | 5.038 | 5.011 | 5.112 | VV | 589    | 28580   | 0.45%  | 0.021% |
| 40 | 5.121 | 5.112 | 5.129 | VV | 407    | 3985    | 0.06%  | 0.003% |
| 41 | 5.145 | 5.129 | 5.211 | VV | 484    | 18077   | 0.29%  | 0.013% |
| 42 | 5.236 | 5.211 | 5.325 | VV | 345    | 17816   | 0.28%  | 0.013% |
| 43 | 5.344 | 5.325 | 5.407 | VV | 366    | 13217   | 0.21%  | 0.010% |
| 44 | 5.447 | 5.407 | 5.495 | VV | 580    | 23625   | 0.38%  | 0.017% |
| 45 | 5.501 | 5.495 | 5.518 | VV | 466    | 5509    | 0.09%  | 0.004% |
| 46 | 5.539 | 5.518 | 5.657 | VV | 840    | 31473   | 0.50%  | 0.023% |
| 47 | 5.674 | 5.657 | 5.708 | VV | 240    | 4536    | 0.07%  | 0.003% |
| 48 | 5.725 | 5.708 | 5.793 | VV | 209    | 8267    | 0.13%  | 0.006% |
| 49 | 5.826 | 5.793 | 5.888 | VV | 457    | 14577   | 0.23%  | 0.011% |
| 50 | 5.946 | 5.888 | 6.005 | VV | 330    | 12982   | 0.21%  | 0.009% |
| 51 | 6.029 | 6.005 | 6.058 | VV | 898    | 11745   | 0.19%  | 0.008% |
| 52 | 6.075 | 6.058 | 6.100 | VV | 147    | 2924    | 0.05%  | 0.002% |
| 53 | 6.105 | 6.100 | 6.211 | VV | 104    | 5065    | 0.08%  | 0.004% |
| 54 | 6.225 | 6.211 | 6.264 | PV | 184    | 2491    | 0.04%  | 0.002% |
| 55 | 6.283 | 6.264 | 6.295 | VV | 137    | 1609    | 0.03%  | 0.001% |
| 56 | 6.317 | 6.295 | 6.614 | VV | 476101 | 5467139 | 87.01% | 3.952% |
| 57 | 6.624 | 6.614 | 6.735 | VV | 596    | 29214   | 0.46%  | 0.021% |
| 58 | 6.747 | 6.735 | 6.791 | VV | 315    | 7667    | 0.12%  | 0.006% |
| 59 | 6.799 | 6.791 | 6.811 | VV | 223    | 2180    | 0.03%  | 0.002% |
| 60 | 6.861 | 6.811 | 6.881 | VV | 273    | 7621    | 0.12%  | 0.006% |
| 61 | 6.891 | 6.881 | 6.957 | VV | 226    | 8028    | 0.13%  | 0.006% |
| 62 | 6.969 | 6.957 | 7.008 | VV | 198    | 4542    | 0.07%  | 0.003% |
| 63 | 7.028 | 7.008 | 7.061 | VV | 209    | 3690    | 0.06%  | 0.003% |
| 64 | 7.079 | 7.061 | 7.103 | VV | 170    | 2657    | 0.04%  | 0.002% |
| 65 | 7.110 | 7.103 | 7.120 | VV | 123    | 943     | 0.02%  | 0.001% |
| 66 | 7.144 | 7.120 | 7.214 | VV | 172    | 5653    | 0.09%  | 0.004% |
| 67 | 7.225 | 7.214 | 7.251 | VV | 124    | 1562    | 0.02%  | 0.001% |
| 68 | 7.299 | 7.251 | 7.386 | PV | 710    | 28323   | 0.45%  | 0.020% |
| 69 | 7.403 | 7.386 | 7.464 | VV | 322    | 9074    | 0.14%  | 0.007% |
| 70 | 7.475 | 7.464 | 7.484 | VV | 296    | 2560    | 0.04%  | 0.002% |
| 71 | 7.493 | 7.484 | 7.508 | VV | 303    | 3708    | 0.06%  | 0.003% |
| 72 | 7.521 | 7.508 | 7.538 | VV | 305    | 4291    | 0.07%  | 0.003% |
| 73 | 7.561 | 7.538 | 7.621 | VV | 788    | 24008   | 0.38%  | 0.017% |
| 74 | 7.644 | 7.621 | 7.671 | VV | 615    | 10688   | 0.17%  | 0.008% |
| 75 | 7.676 | 7.671 | 7.730 | VV | 191    | 4253    | 0.07%  | 0.003% |
| 76 | 7.757 | 7.730 | 7.815 | VV | 652    | 17652   | 0.28%  | 0.013% |
| 77 | 7.837 | 7.815 | 7.875 | VV | 354    | 6841    | 0.11%  | 0.005% |
| 78 | 7.889 | 7.875 | 7.928 | VV | 223    | 3235    | 0.05%  | 0.002% |
| 79 | 7.943 | 7.928 | 8.001 | VV | 167    | 3743    | 0.06%  | 0.003% |
| 80 | 8.056 | 8.001 | 8.080 | VV | 602    | 17669   | 0.28%  | 0.013% |
| 81 | 8.108 | 8.080 | 8.275 | VV | 589747 | 5774168 | 91.90% | 4.174% |
| 82 | 8.299 | 8.275 | 8.541 | VV | 12320  | 884634  | 14.08% | 0.639% |
| 83 | 8.551 | 8.541 | 8.647 | VV | 2080   | 95761   | 1.52%  | 0.069% |
| 84 | 8.663 | 8.647 | 8.759 | VV | 1260   | 57845   | 0.92%  | 0.042% |
| 85 | 8.770 | 8.759 | 8.861 | VV | 682    | 36710   | 0.58%  | 0.027% |
| 86 | 8.888 | 8.861 | 8.937 | VV | 780    | 26306   | 0.42%  | 0.019% |
| 87 | 8.958 | 8.937 | 9.041 | VV | 1155   | 35907   | 0.57%  | 0.026% |
| 88 | 9.050 | 9.041 | 9.075 | VV | 424    | 6144    | 0.10%  | 0.004% |
| 89 | 9.085 | 9.075 | 9.093 | VV | 350    | 2641    | 0.04%  | 0.002% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 9.107  | 9.093  | 9.155  | VV | 477    | 9551    | 0.15%  | 0.007% |
| 91  | 9.165  | 9.155  | 9.178  | VV | 159    | 2052    | 0.03%  | 0.001% |
| 92  | 9.202  | 9.178  | 9.241  | VV | 217    | 5611    | 0.09%  | 0.004% |
| 93  | 9.249  | 9.241  | 9.267  | VV | 200    | 1561    | 0.02%  | 0.001% |
| 94  | 9.289  | 9.267  | 9.308  | VV | 191    | 2136    | 0.03%  | 0.002% |
| 95  | 9.328  | 9.308  | 9.349  | VV | 195    | 3142    | 0.05%  | 0.002% |
| 96  | 9.373  | 9.349  | 9.405  | VV | 205    | 3414    | 0.05%  | 0.002% |
| 97  | 9.451  | 9.405  | 9.480  | VV | 522    | 7253    | 0.12%  | 0.005% |
| 98  | 9.506  | 9.480  | 9.528  | PV | 434    | 5703    | 0.09%  | 0.004% |
| 99  | 9.552  | 9.528  | 9.600  | VV | 876    | 14490   | 0.23%  | 0.010% |
| 100 | 9.665  | 9.600  | 9.674  | VV | 674    | 17168   | 0.27%  | 0.012% |
| 101 | 9.707  | 9.674  | 9.873  | VV | 603399 | 6087102 | 96.88% | 4.400% |
| 102 | 9.883  | 9.873  | 9.895  | VV | 595    | 7500    | 0.12%  | 0.005% |
| 103 | 9.904  | 9.895  | 9.955  | VV | 596    | 18148   | 0.29%  | 0.013% |
| 104 | 9.963  | 9.955  | 9.996  | VV | 455    | 8078    | 0.13%  | 0.006% |
| 105 | 10.005 | 9.996  | 10.044 | VV | 195    | 5329    | 0.08%  | 0.004% |
| 106 | 10.067 | 10.044 | 10.080 | VV | 573    | 8207    | 0.13%  | 0.006% |
| 107 | 10.105 | 10.080 | 10.151 | VV | 649    | 17142   | 0.27%  | 0.012% |
| 108 | 10.162 | 10.151 | 10.187 | VV | 415    | 5860    | 0.09%  | 0.004% |
| 109 | 10.198 | 10.187 | 10.231 | VV | 427    | 7269    | 0.12%  | 0.005% |
| 110 | 10.248 | 10.231 | 10.292 | VV | 441    | 10436   | 0.17%  | 0.008% |
| 111 | 10.331 | 10.292 | 10.371 | VV | 1275   | 23600   | 0.38%  | 0.017% |
| 112 | 10.409 | 10.371 | 10.422 | VV | 465    | 8000    | 0.13%  | 0.006% |
| 113 | 10.462 | 10.422 | 10.498 | VV | 1633   | 33845   | 0.54%  | 0.024% |
| 114 | 10.517 | 10.498 | 10.540 | VV | 1003   | 19749   | 0.31%  | 0.014% |
| 115 | 10.563 | 10.540 | 10.607 | VV | 2241   | 37241   | 0.59%  | 0.027% |
| 116 | 10.617 | 10.607 | 10.653 | VV | 298    | 5943    | 0.09%  | 0.004% |
| 117 | 10.670 | 10.653 | 10.694 | VV | 374    | 5548    | 0.09%  | 0.004% |
| 118 | 10.713 | 10.694 | 10.720 | VV | 223    | 2889    | 0.05%  | 0.002% |
| 119 | 10.781 | 10.720 | 10.806 | VV | 694    | 18707   | 0.30%  | 0.014% |
| 120 | 10.828 | 10.806 | 10.854 | VV | 731    | 14612   | 0.23%  | 0.011% |
| 121 | 10.869 | 10.854 | 10.895 | VV | 669    | 10901   | 0.17%  | 0.008% |
| 122 | 10.915 | 10.895 | 10.945 | VV | 2990   | 41330   | 0.66%  | 0.030% |
| 123 | 10.981 | 10.945 | 11.005 | VV | 748    | 21445   | 0.34%  | 0.016% |
| 124 | 11.017 | 11.005 | 11.034 | VV | 699    | 10710   | 0.17%  | 0.008% |
| 125 | 11.043 | 11.034 | 11.056 | VV | 522    | 7161    | 0.11%  | 0.005% |
| 126 | 11.092 | 11.056 | 11.118 | VV | 859    | 23933   | 0.38%  | 0.017% |
| 127 | 11.147 | 11.118 | 11.297 | VV | 616476 | 6216482 | 98.94% | 4.494% |
| 128 | 11.312 | 11.297 | 11.367 | VV | 773    | 22563   | 0.36%  | 0.016% |
| 129 | 11.391 | 11.367 | 11.418 | VV | 796    | 16978   | 0.27%  | 0.012% |
| 130 | 11.457 | 11.418 | 11.489 | VV | 791    | 24151   | 0.38%  | 0.017% |
| 131 | 11.494 | 11.489 | 11.528 | VV | 525    | 10467   | 0.17%  | 0.008% |
| 132 | 11.550 | 11.528 | 11.572 | VV | 670    | 13146   | 0.21%  | 0.010% |
| 133 | 11.582 | 11.572 | 11.601 | VV | 477    | 7903    | 0.13%  | 0.006% |
| 134 | 11.630 | 11.601 | 11.751 | VV | 4530   | 174387  | 2.78%  | 0.126% |
| 135 | 11.768 | 11.751 | 11.779 | VV | 661    | 10428   | 0.17%  | 0.008% |
| 136 | 11.821 | 11.779 | 11.851 | VV | 1789   | 36791   | 0.59%  | 0.027% |
| 137 | 11.869 | 11.851 | 11.886 | VV | 642    | 11325   | 0.18%  | 0.008% |
| 138 | 11.894 | 11.886 | 11.907 | VV | 552    | 6542    | 0.10%  | 0.005% |
| 139 | 11.920 | 11.907 | 11.985 | VV | 615    | 17934   | 0.29%  | 0.013% |
| 140 | 12.029 | 11.985 | 12.053 | VV | 974    | 25247   | 0.40%  | 0.018% |
| 141 | 12.063 | 12.053 | 12.079 | VV | 783    | 12125   | 0.19%  | 0.009% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 12.122 | 12.079 | 12.261 | VV | 82894  | 1710581 | 27.22% | 1.236% |
| 143 | 12.275 | 12.261 | 12.358 | VV | 5236   | 187842  | 2.99%  | 0.136% |
| 144 | 12.364 | 12.358 | 12.378 | VV | 2122   | 24306   | 0.39%  | 0.018% |
| 145 | 12.392 | 12.378 | 12.419 | VV | 2105   | 45891   | 0.73%  | 0.033% |
|     |        |        |        |    |        |         |        |        |
| 146 | 12.456 | 12.419 | 12.515 | VV | 577106 | 6249808 | 99.47% | 4.518% |
| 147 | 12.533 | 12.515 | 12.628 | VV | 4024   | 118808  | 1.89%  | 0.086% |
| 148 | 12.646 | 12.628 | 12.690 | VV | 950    | 29779   | 0.47%  | 0.022% |
| 149 | 12.715 | 12.690 | 12.745 | VV | 788    | 22000   | 0.35%  | 0.016% |
| 150 | 12.757 | 12.745 | 12.824 | VV | 714    | 27274   | 0.43%  | 0.020% |
|     |        |        |        |    |        |         |        |        |
| 151 | 12.877 | 12.824 | 12.900 | VV | 2019   | 54990   | 0.88%  | 0.040% |
| 152 | 12.919 | 12.900 | 12.996 | VV | 2188   | 71931   | 1.14%  | 0.052% |
| 153 | 13.019 | 12.996 | 13.047 | VV | 2513   | 43726   | 0.70%  | 0.032% |
| 154 | 13.068 | 13.047 | 13.105 | VV | 2764   | 43465   | 0.69%  | 0.031% |
| 155 | 13.128 | 13.105 | 13.148 | VV | 816    | 15260   | 0.24%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 156 | 13.161 | 13.148 | 13.191 | VV | 597    | 10928   | 0.17%  | 0.008% |
| 157 | 13.262 | 13.191 | 13.324 | VV | 1847   | 88207   | 1.40%  | 0.064% |
| 158 | 13.347 | 13.324 | 13.431 | VV | 16243  | 498656  | 7.94%  | 0.360% |
| 159 | 13.445 | 13.431 | 13.531 | VV | 4407   | 160237  | 2.55%  | 0.116% |
| 160 | 13.542 | 13.531 | 13.567 | VV | 1513   | 30393   | 0.48%  | 0.022% |
|     |        |        |        |    |        |         |        |        |
| 161 | 13.581 | 13.567 | 13.607 | VV | 1631   | 36998   | 0.59%  | 0.027% |
| 162 | 13.653 | 13.607 | 13.813 | VV | 572430 | 6245885 | 99.41% | 4.515% |
| 163 | 13.820 | 13.813 | 13.850 | VV | 419    | 7325    | 0.12%  | 0.005% |
| 164 | 13.873 | 13.850 | 13.904 | VV | 479    | 9945    | 0.16%  | 0.007% |
| 165 | 13.916 | 13.904 | 13.951 | VV | 260    | 6425    | 0.10%  | 0.005% |
|     |        |        |        |    |        |         |        |        |
| 166 | 13.955 | 13.951 | 13.975 | VV | 275    | 3157    | 0.05%  | 0.002% |
| 167 | 14.013 | 13.975 | 14.051 | VV | 718    | 13119   | 0.21%  | 0.009% |
| 168 | 14.078 | 14.051 | 14.153 | VV | 5183   | 107994  | 1.72%  | 0.078% |
| 169 | 14.182 | 14.153 | 14.195 | VV | 577    | 10675   | 0.17%  | 0.008% |
| 170 | 14.214 | 14.195 | 14.259 | VV | 3346   | 42570   | 0.68%  | 0.031% |
|     |        |        |        |    |        |         |        |        |
| 171 | 14.288 | 14.259 | 14.328 | VV | 1278   | 24593   | 0.39%  | 0.018% |
| 172 | 14.362 | 14.328 | 14.391 | VV | 764    | 17365   | 0.28%  | 0.013% |
| 173 | 14.462 | 14.391 | 14.513 | VV | 1254   | 57751   | 0.92%  | 0.042% |
| 174 | 14.551 | 14.513 | 14.609 | VV | 435487 | 5102802 | 81.21% | 3.689% |
| 175 | 14.629 | 14.609 | 14.688 | VV | 2741   | 65274   | 1.04%  | 0.047% |
|     |        |        |        |    |        |         |        |        |
| 176 | 14.757 | 14.688 | 14.805 | VV | 574720 | 6188095 | 98.49% | 4.473% |
| 177 | 14.824 | 14.805 | 14.896 | VV | 1765   | 34206   | 0.54%  | 0.025% |
| 178 | 14.908 | 14.896 | 14.924 | VV | 162    | 1976    | 0.03%  | 0.001% |
| 179 | 14.948 | 14.924 | 14.959 | VV | 289    | 4388    | 0.07%  | 0.003% |
| 180 | 14.974 | 14.959 | 15.001 | VV | 356    | 5678    | 0.09%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 181 | 15.008 | 15.001 | 15.051 | VV | 106    | 1559    | 0.02%  | 0.001% |
| 182 | 15.087 | 15.051 | 15.103 | PV | 361    | 5705    | 0.09%  | 0.004% |
| 183 | 15.139 | 15.103 | 15.225 | VV | 162257 | 2377012 | 37.83% | 1.718% |
| 184 | 15.241 | 15.225 | 15.250 | VV | 2784   | 38997   | 0.62%  | 0.028% |
| 185 | 15.271 | 15.250 | 15.298 | VV | 9461   | 130439  | 2.08%  | 0.094% |
|     |        |        |        |    |        |         |        |        |
| 186 | 15.317 | 15.298 | 15.331 | VV | 3289   | 46278   | 0.74%  | 0.033% |
| 187 | 15.346 | 15.331 | 15.381 | VV | 4215   | 72186   | 1.15%  | 0.052% |
| 188 | 15.401 | 15.381 | 15.468 | VV | 1517   | 47088   | 0.75%  | 0.034% |
| 189 | 15.484 | 15.468 | 15.508 | VV | 861    | 17545   | 0.28%  | 0.013% |
| 190 | 15.531 | 15.508 | 15.544 | VV | 756    | 14106   | 0.22%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 191 | 15.580 | 15.544 | 15.616 | VV | 1584   | 51497   | 0.82%  | 0.037% |
| 192 | 15.670 | 15.616 | 15.725 | VV | 5556   | 149398  | 2.38%  | 0.108% |
| 193 | 15.778 | 15.725 | 15.831 | VV | 535605 | 6204963 | 98.75% | 4.485% |
| 194 | 15.855 | 15.831 | 15.928 | VV | 3935   | 87495   | 1.39%  | 0.063% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 15.947 | 15.928 | 15.980 | VV | 894    | 25589   | 0.41%   | 0.018% |
| 196 | 16.006 | 15.980 | 16.017 | VV | 1159   | 22582   | 0.36%   | 0.016% |
| 197 | 16.070 | 16.017 | 16.111 | VV | 2492   | 99223   | 1.58%   | 0.072% |
| 198 | 16.157 | 16.111 | 16.228 | VV | 24781  | 531272  | 8.46%   | 0.384% |
| 199 | 16.253 | 16.228 | 16.314 | VV | 25805  | 380371  | 6.05%   | 0.275% |
| 200 | 16.342 | 16.314 | 16.364 | VV | 3446   | 76803   | 1.22%   | 0.056% |
| 201 | 16.376 | 16.364 | 16.398 | VV | 2188   | 40762   | 0.65%   | 0.029% |
| 202 | 16.411 | 16.398 | 16.455 | VV | 1820   | 56184   | 0.89%   | 0.041% |
| 203 | 16.473 | 16.455 | 16.509 | VV | 2565   | 60349   | 0.96%   | 0.044% |
| 204 | 16.546 | 16.509 | 16.621 | VV | 6910   | 259622  | 4.13%   | 0.188% |
| 205 | 16.640 | 16.621 | 16.670 | VV | 3946   | 84364   | 1.34%   | 0.061% |
| 206 | 16.728 | 16.670 | 16.756 | VV | 522281 | 6283219 | 100.00% | 4.542% |
| 207 | 16.765 | 16.756 | 16.787 | VV | 3895   | 53891   | 0.86%   | 0.039% |
| 208 | 16.811 | 16.787 | 16.860 | VV | 13834  | 205416  | 3.27%   | 0.148% |
| 209 | 16.887 | 16.860 | 16.916 | VV | 1399   | 43768   | 0.70%   | 0.032% |
| 210 | 16.949 | 16.916 | 16.970 | VV | 1368   | 41335   | 0.66%   | 0.030% |
| 211 | 17.009 | 16.970 | 17.031 | VV | 1936   | 54605   | 0.87%   | 0.039% |
| 212 | 17.056 | 17.031 | 17.068 | VV | 2153   | 38248   | 0.61%   | 0.028% |
| 213 | 17.095 | 17.068 | 17.144 | VV | 34041  | 586681  | 9.34%   | 0.424% |
| 214 | 17.170 | 17.144 | 17.220 | VV | 48801  | 641753  | 10.21%  | 0.464% |
| 215 | 17.243 | 17.220 | 17.258 | VV | 4581   | 69685   | 1.11%   | 0.050% |
| 216 | 17.268 | 17.258 | 17.334 | VV | 3566   | 96424   | 1.53%   | 0.070% |
| 217 | 17.375 | 17.334 | 17.388 | VV | 1746   | 50341   | 0.80%   | 0.036% |
| 218 | 17.406 | 17.388 | 17.423 | VV | 1823   | 34425   | 0.55%   | 0.025% |
| 219 | 17.452 | 17.423 | 17.462 | VV | 2099   | 41605   | 0.66%   | 0.030% |
| 220 | 17.502 | 17.462 | 17.524 | VV | 2382   | 79518   | 1.27%   | 0.057% |
| 221 | 17.550 | 17.524 | 17.570 | VV | 4996   | 101543  | 1.62%   | 0.073% |
| 222 | 17.616 | 17.570 | 17.675 | VV | 504538 | 6270238 | 99.79%  | 4.532% |
| 223 | 17.708 | 17.675 | 17.771 | VV | 16178  | 295242  | 4.70%   | 0.213% |
| 224 | 17.784 | 17.771 | 17.799 | VV | 2373   | 38226   | 0.61%   | 0.028% |
| 225 | 17.806 | 17.799 | 17.818 | VV | 2298   | 25763   | 0.41%   | 0.019% |
| 226 | 17.861 | 17.818 | 17.908 | VV | 6035   | 200665  | 3.19%   | 0.145% |
| 227 | 17.972 | 17.908 | 18.008 | VV | 114277 | 1810322 | 28.81%  | 1.309% |
| 228 | 18.029 | 18.008 | 18.085 | VV | 48795  | 907771  | 14.45%  | 0.656% |
| 229 | 18.095 | 18.085 | 18.116 | VV | 4059   | 71946   | 1.15%   | 0.052% |
| 230 | 18.135 | 18.116 | 18.205 | VV | 4746   | 178322  | 2.84%   | 0.129% |
| 231 | 18.243 | 18.205 | 18.261 | VV | 3491   | 107126  | 1.70%   | 0.077% |
| 232 | 18.293 | 18.261 | 18.311 | VV | 3832   | 97910   | 1.56%   | 0.071% |
| 233 | 18.335 | 18.311 | 18.371 | VV | 3580   | 115970  | 1.85%   | 0.084% |
| 234 | 18.447 | 18.371 | 18.494 | VV | 470694 | 6103332 | 97.14%  | 4.412% |
| 235 | 18.550 | 18.494 | 18.578 | VV | 8237   | 270584  | 4.31%   | 0.196% |
| 236 | 18.594 | 18.578 | 18.607 | VV | 5965   | 93470   | 1.49%   | 0.068% |
| 237 | 18.628 | 18.607 | 18.676 | VV | 7938   | 233502  | 3.72%   | 0.169% |
| 238 | 18.694 | 18.676 | 18.707 | VV | 4364   | 75604   | 1.20%   | 0.055% |
| 239 | 18.725 | 18.707 | 18.737 | VV | 5112   | 83472   | 1.33%   | 0.060% |
| 240 | 18.759 | 18.737 | 18.775 | VV | 10700  | 171376  | 2.73%   | 0.124% |
| 241 | 18.799 | 18.775 | 18.820 | VV | 47335  | 772556  | 12.30%  | 0.558% |
| 242 | 18.834 | 18.820 | 18.911 | VV | 32001  | 853216  | 13.58%  | 0.617% |
| 243 | 18.925 | 18.911 | 18.939 | VV | 6127   | 100060  | 1.59%   | 0.072% |
| 244 | 18.980 | 18.939 | 19.014 | VV | 6438   | 270363  | 4.30%   | 0.195% |
| 245 | 19.034 | 19.014 | 19.058 | VV | 6504   | 149586  | 2.38%   | 0.108% |
| 246 | 19.084 | 19.058 | 19.151 | VV | 13793  | 388187  | 6.18%   | 0.281% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 19.229 | 19.151 | 19.295 | VV | 415095 | 5524372 | 87.92% | 3.993% |
| 248    | 19.338 | 19.295 | 19.398 | VV | 12405  | 511662  | 8.14%  | 0.370% |
| 249    | 19.420 | 19.398 | 19.453 | VV | 7684   | 227475  | 3.62%  | 0.164% |
| 250    | 19.513 | 19.453 | 19.553 | VV | 8952   | 425979  | 6.78%  | 0.308% |
| 251    | 19.593 | 19.553 | 19.620 | VV | 23697  | 559326  | 8.90%  | 0.404% |
| 252    | 19.633 | 19.620 | 19.683 | VV | 9708   | 283207  | 4.51%  | 0.205% |
| 253    | 19.757 | 19.683 | 19.798 | VV | 7368   | 448804  | 7.14%  | 0.324% |
| 254    | 19.850 | 19.798 | 19.904 | VV | 7426   | 428387  | 6.82%  | 0.310% |
| 255    | 19.968 | 19.904 | 20.049 | VV | 365098 | 5050669 | 80.38% | 3.651% |
| 256    | 20.103 | 20.049 | 20.120 | VV | 7661   | 299358  | 4.76%  | 0.216% |
| 257    | 20.139 | 20.120 | 20.177 | VV | 8544   | 251094  | 4.00%  | 0.182% |
| 258    | 20.227 | 20.177 | 20.255 | VV | 10392  | 361834  | 5.76%  | 0.262% |
| 259    | 20.273 | 20.255 | 20.286 | VV | 7302   | 131986  | 2.10%  | 0.095% |
| 260    | 20.318 | 20.286 | 20.391 | VV | 12698  | 605444  | 9.64%  | 0.438% |
| 261    | 20.440 | 20.391 | 20.454 | VV | 8630   | 309076  | 4.92%  | 0.223% |
| 262    | 20.482 | 20.454 | 20.620 | VV | 9974   | 808848  | 12.87% | 0.585% |
| 263    | 20.684 | 20.620 | 20.811 | VV | 292408 | 4732411 | 75.32% | 3.421% |
| 264    | 20.827 | 20.811 | 20.853 | VV | 6937   | 171654  | 2.73%  | 0.124% |
| 265    | 20.862 | 20.853 | 20.868 | VV | 6843   | 59029   | 0.94%  | 0.043% |
| 266    | 20.943 | 20.868 | 20.965 | VV | 8747   | 445654  | 7.09%  | 0.322% |
| 267    | 20.979 | 20.965 | 21.035 | VV | 7884   | 304187  | 4.84%  | 0.220% |
| 268    | 21.077 | 21.035 | 21.126 | VV | 9915   | 427315  | 6.80%  | 0.309% |
| 269    | 21.147 | 21.126 | 21.171 | VV | 7543   | 197666  | 3.15%  | 0.143% |
| 270    | 21.194 | 21.171 | 21.267 | VV | 7157   | 393228  | 6.26%  | 0.284% |
| 271    | 21.305 | 21.267 | 21.331 | VV | 7547   | 269825  | 4.29%  | 0.195% |
| 272    | 21.355 | 21.331 | 21.398 | VV | 7244   | 280293  | 4.46%  | 0.203% |
| 273    | 21.403 | 21.398 | 21.415 | VV | 6776   | 70301   | 1.12%  | 0.051% |
| 274    | 21.426 | 21.415 | 21.434 | VV | 6797   | 74713   | 1.19%  | 0.054% |
| 275    | 21.459 | 21.434 | 21.470 | VV | 6854   | 146425  | 2.33%  | 0.106% |
| 276    | 21.534 | 21.470 | 21.651 | VV | 213037 | 4584043 | 72.96% | 3.314% |
| 277    | 21.715 | 21.651 | 21.748 | VV | 7734   | 394217  | 6.27%  | 0.285% |
| 278    | 21.782 | 21.748 | 21.817 | VV | 8109   | 305945  | 4.87%  | 0.221% |
| 279    | 21.836 | 21.817 | 21.889 | VV | 6999   | 284429  | 4.53%  | 0.206% |
| 280    | 21.899 | 21.889 | 21.920 | VV | 6422   | 117497  | 1.87%  | 0.085% |
| 281    | 21.928 | 21.920 | 21.965 | VV | 6442   | 171989  | 2.74%  | 0.124% |
| 282    | 22.033 | 21.965 | 22.078 | VV | 8012   | 466312  | 7.42%  | 0.337% |
| 283    | 22.084 | 22.078 | 22.158 | VV | 6423   | 304070  | 4.84%  | 0.220% |
| 284    | 22.172 | 22.158 | 22.189 | VV | 6361   | 117090  | 1.86%  | 0.085% |
| 285    | 22.267 | 22.189 | 22.283 | VV | 7514   | 390776  | 6.22%  | 0.282% |
| 286    | 22.335 | 22.283 | 22.355 | VV | 9752   | 376677  | 5.99%  | 0.272% |
| 287    | 22.436 | 22.355 | 22.570 | VV | 16732  | 1455059 | 23.16% | 1.052% |
| 288    | 22.613 | 22.570 | 22.681 | VV | 7934   | 456370  | 7.26%  | 0.330% |
| 289    | 22.687 | 22.681 | 22.704 | VV | 5998   | 79028   | 1.26%  | 0.057% |
| 290    | 22.726 | 22.704 | 22.788 | VV | 5932   | 299663  | 4.77%  | 0.217% |
| 291    | 22.825 | 22.788 | 22.838 | VV | 6026   | 179177  | 2.85%  | 0.130% |
| 292    | 22.902 | 22.838 | 23.041 | VV | 7192   | 775045  | 12.34% | 0.560% |
| 293    | 23.099 | 23.041 | 23.188 | VV | 6548   | 536375  | 8.54%  | 0.388% |
| 294    | 23.285 | 23.188 | 23.349 | VV | 6455   | 565661  | 9.00%  | 0.409% |
| 295    | 23.362 | 23.349 | 23.375 | VV | 5695   | 86559   | 1.38%  | 0.063% |
| 296    | 23.452 | 23.375 | 23.481 | VV | 5759   | 363419  | 5.78%  | 0.263% |
| 297    | 23.505 | 23.481 | 23.615 | VV | 5711   | 441498  | 7.03%  | 0.319% |
| 298    | 23.678 | 23.615 | 23.815 | VV | 7777   | 722430  | 11.50% | 0.522% |
| 299    | 23.831 | 23.815 | 23.871 | VV | 5237   | 176973  | 2.82%  | 0.128% |

|     |        |        |        |     |       |                         |           |        |
|-----|--------|--------|--------|-----|-------|-------------------------|-----------|--------|
|     |        |        |        |     |       | rteres                  |           |        |
| 300 | 23.880 | 23.871 | 23.948 | VV  | 5267  | 236413                  | 3.76%     | 0.171% |
| 301 | 24.062 | 23.948 | 24.201 | VBA | 10010 | 962059                  | 15.31%    | 0.695% |
|     |        |        |        |     |       | Sum of corrected areas: | 138342750 |        |

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