

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071219\  
 Data File : FE030145.D  
 Signal(s) : FID1B.CH  
 Acq On : 12 Jul 2019 20:02  
 Sample : K3768-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE062019.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         | 2.365       | 2.315        | 2.388      | BV       | 150            | 2015         | 0.04%          | 0.003%        |
| 2         | 2.397       | 2.388        | 2.409      | VV       | 73             | 512          | 0.01%          | 0.001%        |
| 3         | 2.415       | 2.409        | 2.456      | PV       | 81             | 1520         | 0.03%          | 0.003%        |
| 4         | 2.461       | 2.456        | 2.519      | VV       | 76             | 1930         | 0.04%          | 0.003%        |
| 5         | 2.528       | 2.519        | 2.542      | VV       | 174            | 726          | 0.01%          | 0.001%        |
| 6         | 2.547       | 2.542        | 2.556      | PV       | 74             | 444          | 0.01%          | 0.001%        |
| 7         | 2.562       | 2.556        | 2.570      | PV       | 114            | 334          | 0.01%          | 0.001%        |
| 8         | 2.609       | 2.570        | 2.776      | PV       | 1452           | 66384        | 1.37%          | 0.113%        |
| 9         | 2.791       | 2.776        | 2.823      | VV       | 184            | 2868         | 0.06%          | 0.005%        |
| 10        | 2.840       | 2.823        | 2.858      | VV       | 232            | 2558         | 0.05%          | 0.004%        |
| 11        | 2.868       | 2.858        | 2.887      | VV       | 221            | 2158         | 0.04%          | 0.004%        |
| 12        | 2.905       | 2.887        | 3.061      | VV       | 257            | 13319        | 0.27%          | 0.023%        |
| 13        | 3.072       | 3.061        | 3.102      | VV       | 169            | 1983         | 0.04%          | 0.003%        |
| 14        | 3.113       | 3.102        | 3.152      | VV       | 102            | 2612         | 0.05%          | 0.004%        |
| 15        | 3.183       | 3.152        | 3.214      | VV       | 146            | 3669         | 0.08%          | 0.006%        |
| 16        | 3.228       | 3.214        | 3.241      | PV       | 224            | 1682         | 0.03%          | 0.003%        |
| 17        | 3.250       | 3.241        | 3.298      | VV       | 174            | 3158         | 0.07%          | 0.005%        |
| 18        | 3.303       | 3.298        | 3.327      | VV       | 60             | 1106         | 0.02%          | 0.002%        |
| 19        | 3.338       | 3.327        | 3.355      | VV       | 297            | 1643         | 0.03%          | 0.003%        |
| 20        | 3.381       | 3.355        | 3.398      | VV       | 175            | 2413         | 0.05%          | 0.004%        |
| 21        | 3.406       | 3.398        | 3.431      | VV       | 132            | 1498         | 0.03%          | 0.003%        |
| 22        | 3.460       | 3.431        | 3.513      | PV       | 152            | 3521         | 0.07%          | 0.006%        |
| 23        | 3.530       | 3.513        | 3.558      | PV       | 177            | 2050         | 0.04%          | 0.003%        |
| 24        | 3.573       | 3.558        | 3.585      | VV       | 199            | 2335         | 0.05%          | 0.004%        |
| 25        | 3.603       | 3.585        | 3.645      | VV       | 237            | 6089         | 0.13%          | 0.010%        |
| 26        | 3.688       | 3.645        | 3.754      | VV       | 226            | 10013        | 0.21%          | 0.017%        |
| 27        | 3.764       | 3.754        | 3.846      | VV       | 253            | 4802         | 0.10%          | 0.008%        |
| 28        | 3.855       | 3.846        | 3.876      | PV       | 156            | 1109         | 0.02%          | 0.002%        |
| 29        | 3.897       | 3.876        | 3.908      | VV       | 154            | 1331         | 0.03%          | 0.002%        |
| 30        | 3.945       | 3.908        | 3.965      | VV       | 240            | 5238         | 0.11%          | 0.009%        |
| 31        | 3.982       | 3.965        | 3.993      | VV       | 253            | 3257         | 0.07%          | 0.006%        |
| 32        | 4.055       | 3.993        | 4.123      | VV       | 427            | 24382        | 0.50%          | 0.042%        |
| 33        | 4.149       | 4.123        | 4.174      | VV       | 281            | 7064         | 0.15%          | 0.012%        |
| 34        | 4.195       | 4.174        | 4.286      | VV       | 332            | 9665         | 0.20%          | 0.016%        |
| 35        | 4.332       | 4.286        | 4.342      | VV       | 3180           | 74396        | 1.53%          | 0.127%        |
| 36        | 4.353       | 4.342        | 4.424      | VV       | 3215           | 150601       | 3.10%          | 0.257%        |

| rteres.txt |       |       |       |    |       |         |        |        |
|------------|-------|-------|-------|----|-------|---------|--------|--------|
| 37         | 4.440 | 4.424 | 4.625 | VV | 3303  | 268053  | 5.52%  | 0.458% |
| 38         | 4.631 | 4.625 | 4.652 | VV | 1725  | 25455   | 0.52%  | 0.043% |
| 39         | 4.677 | 4.652 | 4.745 | VV | 1542  | 76649   | 1.58%  | 0.131% |
| 40         | 4.750 | 4.745 | 4.808 | VV | 1199  | 40894   | 0.84%  | 0.070% |
| 41         | 4.814 | 4.808 | 4.844 | VV | 1101  | 22342   | 0.46%  | 0.038% |
| 42         | 4.868 | 4.844 | 4.882 | VV | 1177  | 24347   | 0.50%  | 0.042% |
| 43         | 4.896 | 4.882 | 4.913 | VV | 1139  | 19211   | 0.40%  | 0.033% |
| 44         | 4.932 | 4.913 | 4.985 | VV | 992   | 39413   | 0.81%  | 0.067% |
| 45         | 4.990 | 4.985 | 5.049 | VV | 826   | 27622   | 0.57%  | 0.047% |
| 46         | 5.070 | 5.049 | 5.083 | VV | 702   | 12254   | 0.25%  | 0.021% |
| 47         | 5.091 | 5.083 | 5.136 | VV | 638   | 16404   | 0.34%  | 0.028% |
| 48         | 5.144 | 5.136 | 5.232 | VV | 510   | 24373   | 0.50%  | 0.042% |
| 49         | 5.259 | 5.232 | 5.270 | VV | 514   | 9646    | 0.20%  | 0.016% |
| 50         | 5.292 | 5.270 | 5.299 | VV | 411   | 6651    | 0.14%  | 0.011% |
| 51         | 5.304 | 5.299 | 5.322 | VV | 404   | 4518    | 0.09%  | 0.008% |
| 52         | 5.337 | 5.322 | 5.533 | VV | 389   | 31216   | 0.64%  | 0.053% |
| 53         | 5.554 | 5.533 | 5.612 | VV | 242   | 7191    | 0.15%  | 0.012% |
| 54         | 5.626 | 5.612 | 5.679 | VV | 218   | 6329    | 0.13%  | 0.011% |
| 55         | 5.690 | 5.679 | 5.732 | VV | 191   | 3088    | 0.06%  | 0.005% |
| 56         | 5.742 | 5.732 | 5.752 | PV | 196   | 1154    | 0.02%  | 0.002% |
| 57         | 5.781 | 5.752 | 5.804 | VV | 210   | 4905    | 0.10%  | 0.008% |
| 58         | 5.840 | 5.804 | 5.850 | VV | 210   | 4540    | 0.09%  | 0.008% |
| 59         | 5.879 | 5.850 | 5.963 | VV | 267   | 14798   | 0.30%  | 0.025% |
| 60         | 5.994 | 5.963 | 6.023 | VV | 330   | 8158    | 0.17%  | 0.014% |
| 61         | 6.065 | 6.023 | 6.115 | VV | 3287  | 37646   | 0.78%  | 0.064% |
| 62         | 6.139 | 6.115 | 6.155 | VV | 222   | 2724    | 0.06%  | 0.005% |
| 63         | 6.187 | 6.155 | 6.275 | VV | 234   | 10351   | 0.21%  | 0.018% |
| 64         | 6.281 | 6.275 | 6.378 | VV | 102   | 4439    | 0.09%  | 0.008% |
| 65         | 6.501 | 6.378 | 6.642 | PV | 360   | 28451   | 0.59%  | 0.049% |
| 66         | 6.709 | 6.642 | 6.772 | VV | 204   | 9495    | 0.20%  | 0.016% |
| 67         | 6.793 | 6.772 | 6.811 | VV | 185   | 2797    | 0.06%  | 0.005% |
| 68         | 6.829 | 6.811 | 6.842 | VV | 248   | 2486    | 0.05%  | 0.004% |
| 69         | 6.887 | 6.842 | 6.988 | VV | 199   | 9595    | 0.20%  | 0.016% |
| 70         | 7.009 | 6.988 | 7.068 | VV | 344   | 9006    | 0.19%  | 0.015% |
| 71         | 7.092 | 7.068 | 7.113 | VV | 237   | 4685    | 0.10%  | 0.008% |
| 72         | 7.128 | 7.113 | 7.145 | VV | 148   | 2598    | 0.05%  | 0.004% |
| 73         | 7.166 | 7.145 | 7.256 | VV | 170   | 6918    | 0.14%  | 0.012% |
| 74         | 7.272 | 7.256 | 7.308 | VV | 81    | 1530    | 0.03%  | 0.003% |
| 75         | 7.329 | 7.308 | 7.348 | PV | 176   | 2161    | 0.04%  | 0.004% |
| 76         | 7.406 | 7.348 | 7.432 | VV | 208   | 7300    | 0.15%  | 0.012% |
| 77         | 7.446 | 7.432 | 7.468 | VV | 231   | 3483    | 0.07%  | 0.006% |
| 78         | 7.568 | 7.468 | 7.595 | VV | 435   | 23519   | 0.48%  | 0.040% |
| 79         | 7.621 | 7.595 | 7.662 | VV | 435   | 15201   | 0.31%  | 0.026% |
| 80         | 7.681 | 7.662 | 7.725 | VV | 1048  | 15748   | 0.32%  | 0.027% |
| 81         | 7.743 | 7.725 | 7.757 | VV | 269   | 4271    | 0.09%  | 0.007% |
| 82         | 7.781 | 7.757 | 7.932 | VV | 571   | 33081   | 0.68%  | 0.056% |
| 83         | 7.953 | 7.932 | 8.012 | VV | 229   | 6892    | 0.14%  | 0.012% |
| 84         | 8.031 | 8.012 | 8.083 | VV | 358   | 5963    | 0.12%  | 0.010% |
| 85         | 8.127 | 8.083 | 8.155 | PV | 224   | 6078    | 0.13%  | 0.010% |
| 86         | 8.179 | 8.155 | 8.258 | VV | 1997  | 42409   | 0.87%  | 0.072% |
| 87         | 8.293 | 8.258 | 8.580 | VV | 18457 | 1221157 | 25.14% | 2.084% |
| 88         | 8.599 | 8.580 | 8.682 | VV | 1880  | 77159   | 1.59%  | 0.132% |
| 89         | 8.702 | 8.682 | 8.822 | VV | 985   | 50772   | 1.05%  | 0.087% |

|            |        |        |        |    |        |         |         |        |
|------------|--------|--------|--------|----|--------|---------|---------|--------|
| rteres.txt |        |        |        |    |        |         |         |        |
| 90         | 8.847  | 8.822  | 8.878  | VV | 537    | 10698   | 0.22%   | 0.018% |
| 91         | 8.922  | 8.878  | 8.972  | VV | 990    | 30210   | 0.62%   | 0.052% |
| 92         | 9.009  | 8.972  | 9.125  | VV | 1214   | 47082   | 0.97%   | 0.080% |
| 93         | 9.143  | 9.125  | 9.210  | VV | 349    | 9398    | 0.19%   | 0.016% |
| 94         | 9.276  | 9.210  | 9.299  | PV | 316    | 8040    | 0.17%   | 0.014% |
| 95         | 9.334  | 9.299  | 9.362  | VV | 331    | 5760    | 0.12%   | 0.010% |
| 96         | 9.383  | 9.362  | 9.405  | VV | 374    | 6832    | 0.14%   | 0.012% |
| 97         | 9.423  | 9.405  | 9.452  | VV | 399    | 7728    | 0.16%   | 0.013% |
| 98         | 9.515  | 9.452  | 9.542  | VV | 275    | 9174    | 0.19%   | 0.016% |
| 99         | 9.605  | 9.542  | 9.670  | VV | 1017   | 47162   | 0.97%   | 0.080% |
| 100        | 9.718  | 9.670  | 9.745  | VV | 1231   | 42594   | 0.88%   | 0.073% |
| 101        | 9.767  | 9.745  | 9.837  | VV | 3870   | 87065   | 1.79%   | 0.149% |
| 102        | 9.859  | 9.837  | 9.892  | VV | 1700   | 35469   | 0.73%   | 0.061% |
| 103        | 9.931  | 9.892  | 9.984  | VV | 1543   | 51906   | 1.07%   | 0.089% |
| 104        | 10.003 | 9.984  | 10.022 | VV | 926    | 16775   | 0.35%   | 0.029% |
| 105        | 10.039 | 10.022 | 10.064 | VV | 667    | 16010   | 0.33%   | 0.027% |
| 106        | 10.144 | 10.064 | 10.187 | VV | 1173   | 60514   | 1.25%   | 0.103% |
| 107        | 10.246 | 10.187 | 10.268 | VV | 966    | 39804   | 0.82%   | 0.068% |
| 108        | 10.289 | 10.268 | 10.315 | VV | 1110   | 25565   | 0.53%   | 0.044% |
| 109        | 10.359 | 10.315 | 10.438 | VV | 4322   | 102626  | 2.11%   | 0.175% |
| 110        | 10.498 | 10.438 | 10.542 | VV | 2355   | 97946   | 2.02%   | 0.167% |
| 111        | 10.559 | 10.542 | 10.577 | VV | 1609   | 28551   | 0.59%   | 0.049% |
| 112        | 10.603 | 10.577 | 10.675 | VV | 5451   | 105872  | 2.18%   | 0.181% |
| 113        | 10.709 | 10.675 | 10.747 | VV | 901    | 33666   | 0.69%   | 0.057% |
| 114        | 10.785 | 10.747 | 10.811 | VV | 1480   | 33466   | 0.69%   | 0.057% |
| 115        | 10.837 | 10.811 | 10.935 | VV | 1090   | 57844   | 1.19%   | 0.099% |
| 116        | 10.960 | 10.935 | 10.995 | VV | 976    | 25536   | 0.53%   | 0.044% |
| 117        | 11.025 | 10.995 | 11.047 | VV | 1018   | 26831   | 0.55%   | 0.046% |
| 118        | 11.073 | 11.047 | 11.116 | VV | 2303   | 50273   | 1.04%   | 0.086% |
| 119        | 11.141 | 11.116 | 11.172 | VV | 1284   | 33075   | 0.68%   | 0.056% |
| 120        | 11.198 | 11.172 | 11.231 | VV | 2219   | 43171   | 0.89%   | 0.074% |
| 121        | 11.256 | 11.231 | 11.333 | VV | 993    | 45243   | 0.93%   | 0.077% |
| 122        | 11.382 | 11.333 | 11.423 | VV | 722    | 29508   | 0.61%   | 0.050% |
| 123        | 11.465 | 11.423 | 11.507 | VV | 743    | 32615   | 0.67%   | 0.056% |
| 124        | 11.524 | 11.507 | 11.555 | VV | 846    | 18103   | 0.37%   | 0.031% |
| 125        | 11.587 | 11.555 | 11.620 | VV | 665    | 20250   | 0.42%   | 0.035% |
| 126        | 11.703 | 11.620 | 11.825 | VV | 1418   | 85348   | 1.76%   | 0.146% |
| 127        | 11.864 | 11.825 | 11.905 | VV | 1076   | 25647   | 0.53%   | 0.044% |
| 128        | 11.971 | 11.905 | 12.015 | VV | 566    | 24380   | 0.50%   | 0.042% |
| 129        | 12.078 | 12.015 | 12.117 | VV | 3551   | 94843   | 1.95%   | 0.162% |
| 130        | 12.163 | 12.117 | 12.476 | VV | 222516 | 4856546 | 100.00% | 8.289% |
| 131        | 12.493 | 12.476 | 12.555 | VV | 3507   | 125645  | 2.59%   | 0.214% |
| 132        | 12.584 | 12.555 | 12.655 | VV | 7448   | 182504  | 3.76%   | 0.311% |
| 133        | 12.674 | 12.655 | 12.745 | VV | 3229   | 108021  | 2.22%   | 0.184% |
| 134        | 12.765 | 12.745 | 12.781 | VV | 1579   | 32935   | 0.68%   | 0.056% |
| 135        | 12.808 | 12.781 | 12.838 | VV | 4117   | 77084   | 1.59%   | 0.132% |
| 136        | 12.857 | 12.838 | 12.878 | VV | 1569   | 31979   | 0.66%   | 0.055% |
| 137        | 12.923 | 12.878 | 13.087 | VV | 3485   | 257140  | 5.29%   | 0.439% |
| 138        | 13.111 | 13.087 | 13.155 | VV | 2062   | 53909   | 1.11%   | 0.092% |
| 139        | 13.199 | 13.155 | 13.235 | VV | 10736  | 296267  | 6.10%   | 0.506% |
| 140        | 13.259 | 13.235 | 13.355 | VV | 9658   | 450616  | 9.28%   | 0.769% |
| 141        | 13.377 | 13.355 | 13.648 | VV | 141070 | 2844412 | 58.57%  | 4.855% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 142 | 13.690 | 13.648 | 13.732 | VV | 4411       | 159950  | 3.29%  | 0.273% |
| 143 | 13.772 | 13.732 | 13.822 | VV | 2743       | 110872  | 2.28%  | 0.189% |
| 144 | 13.831 | 13.822 | 13.860 | VV | 1640       | 36646   | 0.75%  | 0.063% |
| 145 | 13.917 | 13.860 | 13.969 | VV | 1741       | 97981   | 2.02%  | 0.167% |
| 146 | 14.052 | 13.969 | 14.078 | VV | 1994       | 100422  | 2.07%  | 0.171% |
| 147 | 14.120 | 14.078 | 14.230 | VV | 7250       | 246691  | 5.08%  | 0.421% |
| 148 | 14.256 | 14.230 | 14.302 | VV | 4718       | 86510   | 1.78%  | 0.148% |
| 149 | 14.331 | 14.302 | 14.375 | VV | 1771       | 58281   | 1.20%  | 0.099% |
| 150 | 14.405 | 14.375 | 14.422 | VV | 3953       | 73309   | 1.51%  | 0.125% |
| 151 | 14.445 | 14.422 | 14.502 | VV | 3697       | 130978  | 2.70%  | 0.224% |
| 152 | 14.530 | 14.502 | 14.558 | VV | 5063       | 93626   | 1.93%  | 0.160% |
| 153 | 14.590 | 14.558 | 14.655 | VV | 348315     | 4165130 | 85.76% | 7.109% |
| 154 | 14.673 | 14.655 | 14.718 | VV | 4265       | 104368  | 2.15%  | 0.178% |
| 155 | 14.738 | 14.718 | 14.758 | VV | 3576       | 57397   | 1.18%  | 0.098% |
| 156 | 14.794 | 14.758 | 14.855 | VV | 8841       | 162181  | 3.34%  | 0.277% |
| 157 | 14.869 | 14.855 | 14.917 | VV | 1532       | 41134   | 0.85%  | 0.070% |
| 158 | 14.960 | 14.917 | 14.974 | VV | 935        | 28904   | 0.60%  | 0.049% |
| 159 | 15.030 | 14.974 | 15.055 | VV | 1185       | 46703   | 0.96%  | 0.080% |
| 160 | 15.069 | 15.055 | 15.087 | VV | 1064       | 17734   | 0.37%  | 0.030% |
| 161 | 15.180 | 15.087 | 15.284 | VV | 167879     | 2809358 | 57.85% | 4.795% |
| 162 | 15.314 | 15.284 | 15.342 | VV | 18527      | 241083  | 4.96%  | 0.411% |
| 163 | 15.383 | 15.342 | 15.485 | VV | 7265       | 205676  | 4.24%  | 0.351% |
| 164 | 15.488 | 15.485 | 15.501 | VV | 1166       | 10657   | 0.22%  | 0.018% |
| 165 | 15.610 | 15.501 | 15.660 | VV | 3059       | 165325  | 3.40%  | 0.282% |
| 166 | 15.716 | 15.660 | 15.782 | VV | 6002       | 195897  | 4.03%  | 0.334% |
| 167 | 15.813 | 15.782 | 15.882 | VV | 41280      | 531748  | 10.95% | 0.908% |
| 168 | 15.899 | 15.882 | 15.970 | VV | 1645       | 71052   | 1.46%  | 0.121% |
| 169 | 16.003 | 15.970 | 16.046 | VV | 1451       | 58948   | 1.21%  | 0.101% |
| 170 | 16.119 | 16.046 | 16.149 | VV | 2809       | 120559  | 2.48%  | 0.206% |
| 171 | 16.204 | 16.149 | 16.243 | VV | 17031      | 371662  | 7.65%  | 0.634% |
| 172 | 16.295 | 16.243 | 16.352 | VV | 78573      | 1014367 | 20.89% | 1.731% |
| 173 | 16.374 | 16.352 | 16.428 | VV | 2747       | 98809   | 2.03%  | 0.169% |
| 174 | 16.450 | 16.428 | 16.478 | VV | 4019       | 77315   | 1.59%  | 0.132% |
| 175 | 16.503 | 16.478 | 16.555 | VV | 4785       | 131045  | 2.70%  | 0.224% |
| 176 | 16.597 | 16.555 | 16.618 | VV | 4522       | 113316  | 2.33%  | 0.193% |
| 177 | 16.643 | 16.618 | 16.665 | VV | 4157       | 100029  | 2.06%  | 0.171% |
| 178 | 16.683 | 16.665 | 16.708 | VV | 4042       | 86613   | 1.78%  | 0.148% |
| 179 | 16.762 | 16.708 | 16.792 | VV | 119331     | 1431075 | 29.47% | 2.443% |
| 180 | 16.808 | 16.792 | 16.836 | VV | 11942      | 171519  | 3.53%  | 0.293% |
| 181 | 16.853 | 16.836 | 16.918 | VV | 4016       | 140565  | 2.89%  | 0.240% |
| 182 | 16.936 | 16.918 | 16.965 | VV | 2360       | 62694   | 1.29%  | 0.107% |
| 183 | 16.999 | 16.965 | 17.018 | VV | 2503       | 71450   | 1.47%  | 0.122% |
| 184 | 17.051 | 17.018 | 17.075 | VV | 4659       | 101366  | 2.09%  | 0.173% |
| 185 | 17.098 | 17.075 | 17.122 | VV | 3015       | 65451   | 1.35%  | 0.112% |
| 186 | 17.146 | 17.122 | 17.185 | VV | 9439       | 196800  | 4.05%  | 0.336% |
| 187 | 17.214 | 17.185 | 17.272 | VV | 143264     | 1680160 | 34.60% | 2.868% |
| 188 | 17.313 | 17.272 | 17.382 | VV | 2909       | 139902  | 2.88%  | 0.239% |
| 189 | 17.495 | 17.382 | 17.520 | VV | 6397       | 221693  | 4.56%  | 0.378% |
| 190 | 17.541 | 17.520 | 17.565 | VV | 3871       | 73251   | 1.51%  | 0.125% |
| 191 | 17.650 | 17.565 | 17.721 | VV | 144224     | 1845452 | 38.00% | 3.150% |
| 192 | 17.752 | 17.721 | 17.775 | VV | 5112       | 114471  | 2.36%  | 0.195% |
| 193 | 17.818 | 17.775 | 17.862 | VV | 3976       | 170730  | 3.52%  | 0.291% |
| 194 | 17.920 | 17.862 | 17.948 | VV | 8298       | 268172  | 5.52%  | 0.458% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 195        | 18.015 | 17.948 | 18.047 | VV | 81921  | 1503807 | 30.96% | 2.567% |
| 196        | 18.072 | 18.047 | 18.164 | VV | 120082 | 1726503 | 35.55% | 2.947% |
| 197        | 18.183 | 18.164 | 18.262 | VV | 3803   | 193181  | 3.98%  | 0.330% |
| 198        | 18.284 | 18.262 | 18.301 | VV | 3418   | 73765   | 1.52%  | 0.126% |
| 199        | 18.335 | 18.301 | 18.358 | VV | 7446   | 158581  | 3.27%  | 0.271% |
| 200        | 18.381 | 18.358 | 18.408 | VV | 5521   | 114671  | 2.36%  | 0.196% |
| 201        | 18.480 | 18.408 | 18.528 | VV | 80000  | 1299115 | 26.75% | 2.217% |
| 202        | 18.543 | 18.528 | 18.564 | VV | 5696   | 101577  | 2.09%  | 0.173% |
| 203        | 18.592 | 18.564 | 18.615 | VV | 6454   | 156853  | 3.23%  | 0.268% |
| 204        | 18.653 | 18.615 | 18.702 | VV | 6714   | 277623  | 5.72%  | 0.474% |
| 205        | 18.737 | 18.702 | 18.762 | VV | 6180   | 172232  | 3.55%  | 0.294% |
| 206        | 18.783 | 18.762 | 18.812 | VV | 5173   | 140447  | 2.89%  | 0.240% |
| 207        | 18.843 | 18.812 | 18.947 | VV | 48748  | 1840209 | 37.89% | 3.141% |
| 208        | 18.966 | 18.947 | 18.991 | VV | 6892   | 172876  | 3.56%  | 0.295% |
| 209        | 19.015 | 18.991 | 19.052 | VV | 8556   | 249820  | 5.14%  | 0.426% |
| 210        | 19.085 | 19.052 | 19.102 | VV | 6306   | 177139  | 3.65%  | 0.302% |
| 211        | 19.128 | 19.102 | 19.198 | VV | 8653   | 351120  | 7.23%  | 0.599% |
| 212        | 19.265 | 19.198 | 19.331 | VV | 18392  | 578921  | 11.92% | 0.988% |
| 213        | 19.384 | 19.331 | 19.432 | VV | 14390  | 545688  | 11.24% | 0.931% |
| 214        | 19.455 | 19.432 | 19.480 | VV | 8183   | 214307  | 4.41%  | 0.366% |
| 215        | 19.503 | 19.480 | 19.534 | VV | 8687   | 239936  | 4.94%  | 0.410% |
| 216        | 19.551 | 19.534 | 19.589 | VV | 6845   | 207158  | 4.27%  | 0.354% |
| 217        | 19.633 | 19.589 | 19.725 | VV | 18493  | 784011  | 16.14% | 1.338% |
| 218        | 19.743 | 19.725 | 19.810 | VV | 6835   | 321343  | 6.62%  | 0.548% |
| 219        | 19.870 | 19.810 | 19.924 | VV | 8105   | 494069  | 10.17% | 0.843% |
| 220        | 20.006 | 19.924 | 20.082 | VV | 13375  | 763011  | 15.71% | 1.302% |
| 221        | 20.118 | 20.082 | 20.148 | VV | 7472   | 280603  | 5.78%  | 0.479% |
| 222        | 20.175 | 20.148 | 20.214 | VV | 11222  | 318254  | 6.55%  | 0.543% |
| 223        | 20.253 | 20.214 | 20.288 | VV | 7579   | 317972  | 6.55%  | 0.543% |
| 224        | 20.362 | 20.288 | 20.422 | VV | 13183  | 705584  | 14.53% | 1.204% |
| 225        | 20.464 | 20.422 | 20.495 | VV | 9556   | 377014  | 7.76%  | 0.643% |
| 226        | 20.511 | 20.495 | 20.608 | VV | 8589   | 527495  | 10.86% | 0.900% |
| 227        | 20.668 | 20.608 | 20.702 | VV | 8885   | 429774  | 8.85%  | 0.734% |
| 228        | 20.726 | 20.702 | 20.815 | VV | 10599  | 542916  | 11.18% | 0.927% |
| 229        | 20.840 | 20.815 | 20.887 | VV | 7138   | 303572  | 6.25%  | 0.518% |
| 230        | 20.932 | 20.887 | 20.988 | VV | 7137   | 419555  | 8.64%  | 0.716% |
| 231        | 21.049 | 20.988 | 21.093 | VV | 7399   | 441032  | 9.08%  | 0.753% |
| 232        | 21.133 | 21.093 | 21.228 | VV | 8478   | 581434  | 11.97% | 0.992% |
| 233        | 21.266 | 21.228 | 21.327 | VV | 6667   | 379062  | 7.81%  | 0.647% |
| 234        | 21.367 | 21.327 | 21.408 | VV | 6541   | 302669  | 6.23%  | 0.517% |
| 235        | 21.441 | 21.408 | 21.517 | VV | 6123   | 384644  | 7.92%  | 0.657% |
| 236        | 21.591 | 21.517 | 21.704 | VV | 8019   | 700755  | 14.43% | 1.196% |
| 237        | 21.757 | 21.704 | 21.812 | VV | 5768   | 366276  | 7.54%  | 0.625% |
| 238        | 21.876 | 21.812 | 21.958 | VV | 5645   | 488068  | 10.05% | 0.833% |
| 239        | 22.107 | 21.958 | 22.212 | VV | 6339   | 854626  | 17.60% | 1.459% |
| 240        | 22.301 | 22.212 | 22.382 | VV | 6532   | 573151  | 11.80% | 0.978% |
| 241        | 22.402 | 22.382 | 22.499 | VV | 5613   | 368682  | 7.59%  | 0.629% |
| 242        | 22.566 | 22.499 | 22.605 | VV | 5199   | 322443  | 6.64%  | 0.550% |
| 243        | 22.703 | 22.605 | 22.835 | VV | 6288   | 725796  | 14.94% | 1.239% |
| 244        | 22.847 | 22.835 | 22.895 | VV | 4827   | 174208  | 3.59%  | 0.297% |
| 245        | 22.928 | 22.895 | 23.095 | VV | 4888   | 568169  | 11.70% | 0.970% |
| 246        | 23.124 | 23.095 | 23.142 | VV | 4772   | 132423  | 2.73%  | 0.226% |

|     |        |        |        |    |                         |          |       |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|--|
|     |        |        |        |    | rteres.txt              |          |       |        |  |
| 247 | 23.209 | 23.142 | 23.279 | VV | 4966                    | 388780   | 8.01% | 0.664% |  |
| 248 | 23.308 | 23.279 | 23.328 | VV | 4539                    | 133201   | 2.74% | 0.227% |  |
| 249 | 23.388 | 23.328 | 23.445 | VV | 5128                    | 329543   | 6.79% | 0.562% |  |
| 250 | 23.499 | 23.445 | 23.559 | VV | 4536                    | 305939   | 6.30% | 0.522% |  |
| 251 | 23.594 | 23.559 | 23.612 | VV | 4501                    | 140081   | 2.88% | 0.239% |  |
| 252 | 23.629 | 23.612 | 23.693 | VV | 4475                    | 214093   | 4.41% | 0.365% |  |
|     |        |        |        |    | Sum of corrected areas: | 58589959 |       |        |  |

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