

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071219\  
 Data File : FE030142.D  
 Signal(s) : FID1B.CH  
 Acq On : 12 Jul 2019 18:05  
 Sample : K3768-16  
 Misc :  
 ALS Vial : 14 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         | 2.327       | 2.315        | 2.471      | BV       | 155            | 1283         | 0.03%          | 0.002%        |
| 2         | 2.478       | 2.471        | 2.545      | PV       | 162            | 2844         | 0.07%          | 0.005%        |
| 3         | 2.554       | 2.545        | 2.570      | PV       | 98             | 647          | 0.02%          | 0.001%        |
| 4         | 2.587       | 2.570        | 2.607      | PV       | 932            | 7367         | 0.18%          | 0.013%        |
| 5         | 2.631       | 2.607        | 2.865      | PV       | 962            | 49377        | 1.22%          | 0.086%        |
| 6         | 2.888       | 2.865        | 2.921      | VV       | 156            | 2947         | 0.07%          | 0.005%        |
| 7         | 2.931       | 2.921        | 2.941      | VV       | 167            | 1341         | 0.03%          | 0.002%        |
| 8         | 2.947       | 2.941        | 2.992      | VV       | 167            | 3351         | 0.08%          | 0.006%        |
| 9         | 3.003       | 2.992        | 3.025      | VV       | 137            | 1830         | 0.05%          | 0.003%        |
| 10        | 3.047       | 3.025        | 3.088      | VV       | 180            | 2947         | 0.07%          | 0.005%        |
| 11        | 3.095       | 3.088        | 3.124      | PV       | 91             | 1802         | 0.04%          | 0.003%        |
| 12        | 3.137       | 3.124        | 3.182      | VV       | 170            | 4158         | 0.10%          | 0.007%        |
| 13        | 3.191       | 3.182        | 3.223      | VV       | 162            | 3507         | 0.09%          | 0.006%        |
| 14        | 3.235       | 3.223        | 3.246      | VV       | 190            | 2053         | 0.05%          | 0.004%        |
| 15        | 3.252       | 3.246        | 3.259      | VV       | 165            | 949          | 0.02%          | 0.002%        |
| 16        | 3.265       | 3.259        | 3.284      | VV       | 163            | 1900         | 0.05%          | 0.003%        |
| 17        | 3.296       | 3.284        | 3.306      | VV       | 166            | 1584         | 0.04%          | 0.003%        |
| 18        | 3.325       | 3.306        | 3.365      | VV       | 214            | 5483         | 0.14%          | 0.010%        |
| 19        | 3.377       | 3.365        | 3.402      | VV       | 261            | 3016         | 0.07%          | 0.005%        |
| 20        | 3.485       | 3.402        | 3.557      | PV       | 270            | 13397        | 0.33%          | 0.023%        |
| 21        | 3.568       | 3.557        | 3.581      | VV       | 212            | 2000         | 0.05%          | 0.004%        |
| 22        | 3.598       | 3.581        | 3.609      | VV       | 204            | 2568         | 0.06%          | 0.004%        |
| 23        | 3.615       | 3.609        | 3.675      | VV       | 181            | 5915         | 0.15%          | 0.010%        |
| 24        | 3.685       | 3.675        | 3.714      | VV       | 198            | 2930         | 0.07%          | 0.005%        |
| 25        | 3.726       | 3.714        | 3.761      | VV       | 164            | 3013         | 0.07%          | 0.005%        |
| 26        | 3.801       | 3.761        | 3.841      | VV       | 215            | 5884         | 0.15%          | 0.010%        |
| 27        | 3.849       | 3.841        | 3.893      | PV       | 152            | 4053         | 0.10%          | 0.007%        |
| 28        | 3.902       | 3.893        | 3.951      | VV       | 202            | 3976         | 0.10%          | 0.007%        |
| 29        | 3.954       | 3.951        | 3.979      | VV       | 230            | 2445         | 0.06%          | 0.004%        |
| 30        | 3.989       | 3.979        | 4.041      | VV       | 159            | 4928         | 0.12%          | 0.009%        |
| 31        | 4.045       | 4.041        | 4.058      | VV       | 203            | 1247         | 0.03%          | 0.002%        |
| 32        | 4.070       | 4.058        | 4.082      | VV       | 153            | 1408         | 0.03%          | 0.002%        |
| 33        | 4.093       | 4.082        | 4.108      | PV       | 125            | 1607         | 0.04%          | 0.003%        |
| 34        | 4.158       | 4.108        | 4.251      | VV       | 144            | 5991         | 0.15%          | 0.010%        |
| 35        | 4.269       | 4.251        | 4.278      | VV       | 146            | 1335         | 0.03%          | 0.002%        |
| 36        | 4.299       | 4.278        | 4.315      | VV       | 163            | 2459         | 0.06%          | 0.004%        |

| rteres.txt |       |       |       |    |       |         |        |        |
|------------|-------|-------|-------|----|-------|---------|--------|--------|
| 37         | 4.324 | 4.315 | 4.335 | VV | 115   | 1064    | 0.03%  | 0.002% |
| 38         | 4.342 | 4.335 | 4.358 | VV | 89    | 1129    | 0.03%  | 0.002% |
| 39         | 4.392 | 4.358 | 4.411 | VV | 219   | 4166    | 0.10%  | 0.007% |
| 40         | 4.441 | 4.411 | 4.464 | PV | 758   | 10873   | 0.27%  | 0.019% |
| 41         | 4.476 | 4.464 | 4.553 | VV | 252   | 11157   | 0.28%  | 0.020% |
| 42         | 4.562 | 4.553 | 4.572 | VV | 223   | 2293    | 0.06%  | 0.004% |
| 43         | 4.631 | 4.572 | 4.678 | VV | 367   | 17052   | 0.42%  | 0.030% |
| 44         | 4.682 | 4.678 | 4.717 | VV | 321   | 6562    | 0.16%  | 0.011% |
| 45         | 4.839 | 4.717 | 4.868 | VV | 959   | 70934   | 1.75%  | 0.124% |
| 46         | 4.882 | 4.868 | 5.055 | VV | 940   | 87138   | 2.15%  | 0.153% |
| 47         | 5.068 | 5.055 | 5.101 | VV | 764   | 17941   | 0.44%  | 0.031% |
| 48         | 5.110 | 5.101 | 5.256 | VV | 643   | 47867   | 1.18%  | 0.084% |
| 49         | 5.275 | 5.256 | 5.408 | VV | 468   | 30553   | 0.75%  | 0.054% |
| 50         | 5.436 | 5.408 | 5.459 | VV | 316   | 8707    | 0.21%  | 0.015% |
| 51         | 5.478 | 5.459 | 5.539 | VV | 293   | 12256   | 0.30%  | 0.021% |
| 52         | 5.561 | 5.539 | 5.648 | VV | 299   | 10300   | 0.25%  | 0.018% |
| 53         | 5.700 | 5.648 | 5.770 | VV | 177   | 9049    | 0.22%  | 0.016% |
| 54         | 5.799 | 5.770 | 5.868 | PV | 172   | 6628    | 0.16%  | 0.012% |
| 55         | 5.987 | 5.868 | 6.015 | VV | 279   | 16273   | 0.40%  | 0.028% |
| 56         | 6.066 | 6.015 | 6.092 | VV | 1344  | 22275   | 0.55%  | 0.039% |
| 57         | 6.111 | 6.092 | 6.155 | VV | 323   | 9650    | 0.24%  | 0.017% |
| 58         | 6.215 | 6.155 | 6.241 | VV | 362   | 13618   | 0.34%  | 0.024% |
| 59         | 6.273 | 6.241 | 6.298 | VV | 316   | 9363    | 0.23%  | 0.016% |
| 60         | 6.309 | 6.298 | 6.323 | VV | 308   | 3906    | 0.10%  | 0.007% |
| 61         | 6.397 | 6.323 | 6.452 | VV | 387   | 23124   | 0.57%  | 0.040% |
| 62         | 6.521 | 6.452 | 6.652 | VV | 582   | 45971   | 1.13%  | 0.081% |
| 63         | 6.671 | 6.652 | 6.708 | VV | 332   | 9048    | 0.22%  | 0.016% |
| 64         | 6.718 | 6.708 | 6.741 | VV | 296   | 5221    | 0.13%  | 0.009% |
| 65         | 6.775 | 6.741 | 6.835 | VV | 334   | 15118   | 0.37%  | 0.026% |
| 66         | 6.878 | 6.835 | 6.934 | VV | 323   | 15191   | 0.37%  | 0.027% |
| 67         | 7.014 | 6.934 | 7.042 | VV | 285   | 14087   | 0.35%  | 0.025% |
| 68         | 7.058 | 7.042 | 7.078 | VV | 227   | 3921    | 0.10%  | 0.007% |
| 69         | 7.092 | 7.078 | 7.247 | VV | 233   | 10095   | 0.25%  | 0.018% |
| 70         | 7.292 | 7.247 | 7.321 | VV | 160   | 3288    | 0.08%  | 0.006% |
| 71         | 7.355 | 7.321 | 7.400 | PV | 171   | 4842    | 0.12%  | 0.008% |
| 72         | 7.460 | 7.400 | 7.488 | VV | 206   | 7348    | 0.18%  | 0.013% |
| 73         | 7.578 | 7.488 | 7.598 | VV | 397   | 18702   | 0.46%  | 0.033% |
| 74         | 7.625 | 7.598 | 7.656 | VV | 714   | 16991   | 0.42%  | 0.030% |
| 75         | 7.681 | 7.656 | 7.728 | VV | 845   | 17771   | 0.44%  | 0.031% |
| 76         | 7.748 | 7.728 | 7.808 | VV | 587   | 16612   | 0.41%  | 0.029% |
| 77         | 7.843 | 7.808 | 7.945 | VV | 525   | 30245   | 0.75%  | 0.053% |
| 78         | 7.960 | 7.945 | 7.993 | VV | 330   | 6840    | 0.17%  | 0.012% |
| 79         | 8.033 | 7.993 | 8.100 | VV | 715   | 16933   | 0.42%  | 0.030% |
| 80         | 8.193 | 8.100 | 8.268 | PV | 1516  | 47552   | 1.17%  | 0.083% |
| 81         | 8.296 | 8.268 | 8.585 | VV | 20439 | 1411281 | 34.80% | 2.471% |
| 82         | 8.605 | 8.585 | 8.675 | VV | 2768  | 92762   | 2.29%  | 0.162% |
| 83         | 8.700 | 8.675 | 8.831 | VV | 1234  | 82413   | 2.03%  | 0.144% |
| 84         | 8.851 | 8.831 | 8.900 | VV | 1001  | 24473   | 0.60%  | 0.043% |
| 85         | 8.930 | 8.900 | 8.975 | VV | 915   | 28792   | 0.71%  | 0.050% |
| 86         | 8.994 | 8.975 | 9.017 | VV | 1135  | 19508   | 0.48%  | 0.034% |
| 87         | 9.037 | 9.017 | 9.125 | VV | 776   | 29550   | 0.73%  | 0.052% |
| 88         | 9.142 | 9.125 | 9.160 | VV | 487   | 6962    | 0.17%  | 0.012% |
| 89         | 9.211 | 9.160 | 9.235 | VV | 431   | 16696   | 0.41%  | 0.029% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 90  | 9.280  | 9.235  | 9.303  | VV | 686        | 21792   | 0.54%  | 0.038% |
| 91  | 9.324  | 9.303  | 9.361  | VV | 549        | 15724   | 0.39%  | 0.028% |
| 92  | 9.440  | 9.361  | 9.481  | VV | 474        | 24729   | 0.61%  | 0.043% |
| 93  | 9.530  | 9.481  | 9.551  | VV | 722        | 17251   | 0.43%  | 0.030% |
| 94  | 9.603  | 9.551  | 9.668  | VV | 1162       | 42150   | 1.04%  | 0.074% |
| 95  | 9.792  | 9.668  | 9.835  | VV | 2461       | 127937  | 3.15%  | 0.224% |
| 96  | 9.862  | 9.835  | 9.911  | VV | 3138       | 82704   | 2.04%  | 0.145% |
| 97  | 9.935  | 9.911  | 9.991  | VV | 3132       | 88646   | 2.19%  | 0.155% |
| 98  | 10.007 | 9.991  | 10.025 | VV | 1567       | 27169   | 0.67%  | 0.048% |
| 99  | 10.069 | 10.025 | 10.111 | VV | 1348       | 64146   | 1.58%  | 0.112% |
| 100 | 10.147 | 10.111 | 10.210 | VV | 1767       | 86039   | 2.12%  | 0.151% |
| 101 | 10.289 | 10.210 | 10.335 | VV | 1921       | 117439  | 2.90%  | 0.206% |
| 102 | 10.360 | 10.335 | 10.401 | VV | 9331       | 156093  | 3.85%  | 0.273% |
| 103 | 10.495 | 10.401 | 10.580 | VV | 5709       | 296510  | 7.31%  | 0.519% |
| 104 | 10.606 | 10.580 | 10.631 | VV | 6757       | 114438  | 2.82%  | 0.200% |
| 105 | 10.654 | 10.631 | 10.675 | VV | 2517       | 58113   | 1.43%  | 0.102% |
| 106 | 10.709 | 10.675 | 10.758 | VV | 2101       | 93467   | 2.30%  | 0.164% |
| 107 | 10.791 | 10.758 | 10.821 | VV | 1867       | 62347   | 1.54%  | 0.109% |
| 108 | 10.846 | 10.821 | 10.878 | VV | 1975       | 59713   | 1.47%  | 0.105% |
| 109 | 10.896 | 10.878 | 10.931 | VV | 1467       | 45269   | 1.12%  | 0.079% |
| 110 | 10.965 | 10.931 | 11.015 | VV | 1837       | 73910   | 1.82%  | 0.129% |
| 111 | 11.031 | 11.015 | 11.048 | VV | 1416       | 26579   | 0.66%  | 0.047% |
| 112 | 11.075 | 11.048 | 11.108 | VV | 4680       | 85534   | 2.11%  | 0.150% |
| 113 | 11.141 | 11.108 | 11.171 | VV | 2374       | 70807   | 1.75%  | 0.124% |
| 114 | 11.210 | 11.171 | 11.238 | VV | 3299       | 90118   | 2.22%  | 0.158% |
| 115 | 11.254 | 11.238 | 11.365 | VV | 2539       | 136187  | 3.36%  | 0.238% |
| 116 | 11.384 | 11.365 | 11.432 | VV | 2219       | 64868   | 1.60%  | 0.114% |
| 117 | 11.529 | 11.432 | 11.558 | VV | 2297       | 130816  | 3.23%  | 0.229% |
| 118 | 11.588 | 11.558 | 11.635 | VV | 1786       | 76893   | 1.90%  | 0.135% |
| 119 | 11.700 | 11.635 | 11.835 | VV | 2970       | 243640  | 6.01%  | 0.427% |
| 120 | 11.873 | 11.835 | 11.915 | VV | 3041       | 98062   | 2.42%  | 0.172% |
| 121 | 11.990 | 11.915 | 12.011 | VV | 1984       | 103572  | 2.55%  | 0.181% |
| 122 | 12.045 | 12.011 | 12.062 | VV | 2621       | 64437   | 1.59%  | 0.113% |
| 123 | 12.092 | 12.062 | 12.118 | VV | 4552       | 112891  | 2.78%  | 0.198% |
| 124 | 12.157 | 12.118 | 12.485 | VV | 162474     | 3581340 | 88.31% | 6.272% |
| 125 | 12.499 | 12.485 | 12.554 | VV | 5356       | 169622  | 4.18%  | 0.297% |
| 126 | 12.585 | 12.554 | 12.621 | VV | 15401      | 264989  | 6.53%  | 0.464% |
| 127 | 12.675 | 12.621 | 12.748 | VV | 6679       | 277806  | 6.85%  | 0.486% |
| 128 | 12.810 | 12.748 | 12.842 | VV | 8568       | 220244  | 5.43%  | 0.386% |
| 129 | 12.861 | 12.842 | 12.905 | VV | 2896       | 96002   | 2.37%  | 0.168% |
| 130 | 12.939 | 12.905 | 12.958 | VV | 4064       | 106628  | 2.63%  | 0.187% |
| 131 | 12.980 | 12.958 | 13.015 | VV | 3893       | 116417  | 2.87%  | 0.204% |
| 132 | 13.035 | 13.015 | 13.092 | VV | 2992       | 128670  | 3.17%  | 0.225% |
| 133 | 13.116 | 13.092 | 13.170 | VV | 4934       | 139134  | 3.43%  | 0.244% |
| 134 | 13.209 | 13.170 | 13.246 | VV | 10754      | 316275  | 7.80%  | 0.554% |
| 135 | 13.271 | 13.246 | 13.358 | VV | 10580      | 464499  | 11.45% | 0.813% |
| 136 | 13.377 | 13.358 | 13.568 | VV | 60296      | 1829826 | 45.12% | 3.204% |
| 137 | 13.586 | 13.568 | 13.648 | VV | 5637       | 205681  | 5.07%  | 0.360% |
| 138 | 13.693 | 13.648 | 13.730 | VV | 7669       | 248982  | 6.14%  | 0.436% |
| 139 | 13.774 | 13.730 | 13.862 | VV | 4895       | 226714  | 5.59%  | 0.397% |
| 140 | 13.925 | 13.862 | 13.965 | VV | 2444       | 137798  | 3.40%  | 0.241% |
| 141 | 14.055 | 13.965 | 14.076 | VV | 2733       | 153424  | 3.78%  | 0.269% |

|     |        |        |        |    |            |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
|     |        |        |        |    | rteres.txt |         |         |        |
| 142 | 14.133 | 14.076 | 14.228 | VV | 5120       | 286479  | 7.06%   | 0.502% |
| 143 | 14.259 | 14.228 | 14.311 | VV | 8851       | 174821  | 4.31%   | 0.306% |
| 144 | 14.337 | 14.311 | 14.375 | VV | 2670       | 84191   | 2.08%   | 0.147% |
| 145 | 14.417 | 14.375 | 14.438 | VV | 5351       | 132996  | 3.28%   | 0.233% |
| 146 | 14.455 | 14.438 | 14.500 | VV | 5116       | 148338  | 3.66%   | 0.260% |
| 147 | 14.531 | 14.500 | 14.557 | VV | 10395      | 185851  | 4.58%   | 0.325% |
| 148 | 14.592 | 14.557 | 14.634 | VV | 335930     | 4055615 | 100.00% | 7.102% |
| 149 | 14.653 | 14.634 | 14.666 | VV | 3958       | 67798   | 1.67%   | 0.119% |
| 150 | 14.680 | 14.666 | 14.708 | VV | 3943       | 88674   | 2.19%   | 0.155% |
| 151 | 14.739 | 14.708 | 14.761 | VV | 7627       | 137735  | 3.40%   | 0.241% |
| 152 | 14.797 | 14.761 | 14.858 | VV | 13962      | 256252  | 6.32%   | 0.449% |
| 153 | 14.879 | 14.858 | 14.925 | VV | 2358       | 66994   | 1.65%   | 0.117% |
| 154 | 15.031 | 14.925 | 15.052 | VV | 2205       | 119992  | 2.96%   | 0.210% |
| 155 | 15.070 | 15.052 | 15.091 | VV | 2091       | 39250   | 0.97%   | 0.069% |
| 156 | 15.185 | 15.091 | 15.295 | VV | 74405      | 1708294 | 42.12%  | 2.992% |
| 157 | 15.316 | 15.295 | 15.347 | VV | 18736      | 243531  | 6.00%   | 0.426% |
| 158 | 15.385 | 15.347 | 15.468 | VV | 7702       | 230106  | 5.67%   | 0.403% |
| 159 | 15.484 | 15.468 | 15.511 | VV | 1749       | 41884   | 1.03%   | 0.073% |
| 160 | 15.530 | 15.511 | 15.561 | VV | 1650       | 47410   | 1.17%   | 0.083% |
| 161 | 15.609 | 15.561 | 15.665 | VV | 4200       | 149064  | 3.68%   | 0.261% |
| 162 | 15.725 | 15.665 | 15.788 | VV | 3970       | 187144  | 4.61%   | 0.328% |
| 163 | 15.816 | 15.788 | 15.855 | VV | 24967      | 327214  | 8.07%   | 0.573% |
| 164 | 15.871 | 15.855 | 15.928 | VV | 2374       | 86278   | 2.13%   | 0.151% |
| 165 | 15.944 | 15.928 | 15.971 | VV | 1882       | 42473   | 1.05%   | 0.074% |
| 166 | 16.003 | 15.971 | 16.028 | VV | 1978       | 58131   | 1.43%   | 0.102% |
| 167 | 16.126 | 16.028 | 16.154 | VV | 3766       | 174241  | 4.30%   | 0.305% |
| 168 | 16.212 | 16.154 | 16.238 | VV | 10579      | 265988  | 6.56%   | 0.466% |
| 169 | 16.257 | 16.238 | 16.278 | VV | 7225       | 138614  | 3.42%   | 0.243% |
| 170 | 16.297 | 16.278 | 16.345 | VV | 30012      | 401792  | 9.91%   | 0.704% |
| 171 | 16.375 | 16.345 | 16.404 | VV | 2811       | 82468   | 2.03%   | 0.144% |
| 172 | 16.450 | 16.404 | 16.485 | VV | 6977       | 163758  | 4.04%   | 0.287% |
| 173 | 16.520 | 16.485 | 16.557 | VV | 4790       | 133657  | 3.30%   | 0.234% |
| 174 | 16.597 | 16.557 | 16.617 | VV | 3346       | 98832   | 2.44%   | 0.173% |
| 175 | 16.647 | 16.617 | 16.668 | VV | 4129       | 93000   | 2.29%   | 0.163% |
| 176 | 16.688 | 16.668 | 16.708 | VV | 3533       | 73086   | 1.80%   | 0.128% |
| 177 | 16.764 | 16.708 | 16.791 | VV | 35815      | 507447  | 12.51%  | 0.889% |
| 178 | 16.811 | 16.791 | 16.841 | VV | 6648       | 120861  | 2.98%   | 0.212% |
| 179 | 16.860 | 16.841 | 16.915 | VV | 3503       | 124859  | 3.08%   | 0.219% |
| 180 | 16.927 | 16.915 | 16.965 | VV | 2613       | 75792   | 1.87%   | 0.133% |
| 181 | 17.000 | 16.965 | 17.018 | VV | 3143       | 87216   | 2.15%   | 0.153% |
| 182 | 17.050 | 17.018 | 17.074 | VV | 4370       | 106771  | 2.63%   | 0.187% |
| 183 | 17.099 | 17.074 | 17.123 | VV | 3384       | 82544   | 2.04%   | 0.145% |
| 184 | 17.152 | 17.123 | 17.188 | VV | 5943       | 147282  | 3.63%   | 0.258% |
| 185 | 17.215 | 17.188 | 17.275 | VV | 40641      | 572491  | 14.12%  | 1.003% |
| 186 | 17.317 | 17.275 | 17.365 | VV | 3077       | 134287  | 3.31%   | 0.235% |
| 187 | 17.418 | 17.365 | 17.435 | VV | 2768       | 105801  | 2.61%   | 0.185% |
| 188 | 17.497 | 17.435 | 17.521 | VV | 4132       | 151460  | 3.73%   | 0.265% |
| 189 | 17.543 | 17.521 | 17.561 | VV | 3342       | 67255   | 1.66%   | 0.118% |
| 190 | 17.651 | 17.561 | 17.688 | VV | 37571      | 631541  | 15.57%  | 1.106% |
| 191 | 17.758 | 17.688 | 17.778 | VV | 4941       | 182523  | 4.50%   | 0.320% |
| 192 | 17.816 | 17.778 | 17.885 | VV | 5393       | 250325  | 6.17%   | 0.438% |
| 193 | 17.906 | 17.885 | 17.951 | VV | 6114       | 183556  | 4.53%   | 0.321% |
| 194 | 18.019 | 17.951 | 18.051 | VV | 39875      | 923268  | 22.77%  | 1.617% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 18.073 | 18.051 | 18.138 | VV | 37039      | 681675  | 16.81% | 1.194% |
| 196 | 18.152 | 18.138 | 18.170 | VV | 3759       | 70124   | 1.73%  | 0.123% |
| 197 | 18.200 | 18.170 | 18.305 | VV | 4543       | 299908  | 7.39%  | 0.525% |
| 198 | 18.337 | 18.305 | 18.365 | VV | 4466       | 133785  | 3.30%  | 0.234% |
| 199 | 18.385 | 18.365 | 18.418 | VV | 3742       | 103008  | 2.54%  | 0.180% |
| 200 | 18.481 | 18.418 | 18.528 | VV | 26826      | 588596  | 14.51% | 1.031% |
| 201 | 18.546 | 18.528 | 18.568 | VV | 5710       | 115467  | 2.85%  | 0.202% |
| 202 | 18.596 | 18.568 | 18.614 | VV | 5541       | 132116  | 3.26%  | 0.231% |
| 203 | 18.641 | 18.614 | 18.697 | VV | 6090       | 267794  | 6.60%  | 0.469% |
| 204 | 18.714 | 18.697 | 18.793 | VV | 4954       | 247040  | 6.09%  | 0.433% |
| 205 | 18.854 | 18.793 | 19.015 | VV | 33401      | 1636794 | 40.36% | 2.866% |
| 206 | 19.047 | 19.015 | 19.063 | VV | 6025       | 166771  | 4.11%  | 0.292% |
| 207 | 19.090 | 19.063 | 19.193 | VV | 10264      | 473266  | 11.67% | 0.829% |
| 208 | 19.267 | 19.193 | 19.330 | VV | 9523       | 497755  | 12.27% | 0.872% |
| 209 | 19.383 | 19.330 | 19.445 | VV | 14800      | 578490  | 14.26% | 1.013% |
| 210 | 19.461 | 19.445 | 19.490 | VV | 7297       | 182505  | 4.50%  | 0.320% |
| 211 | 19.513 | 19.490 | 19.534 | VV | 7603       | 177839  | 4.38%  | 0.311% |
| 212 | 19.559 | 19.534 | 19.595 | VV | 7165       | 236695  | 5.84%  | 0.414% |
| 213 | 19.630 | 19.595 | 19.730 | VV | 17969      | 785517  | 19.37% | 1.376% |
| 214 | 19.748 | 19.730 | 19.767 | VV | 6683       | 141041  | 3.48%  | 0.247% |
| 215 | 19.791 | 19.767 | 19.811 | VV | 6531       | 169453  | 4.18%  | 0.297% |
| 216 | 19.895 | 19.811 | 19.945 | VV | 11980      | 612218  | 15.10% | 1.072% |
| 217 | 20.009 | 19.945 | 20.031 | VV | 9325       | 382870  | 9.44%  | 0.670% |
| 218 | 20.055 | 20.031 | 20.088 | VV | 9248       | 264975  | 6.53%  | 0.464% |
| 219 | 20.175 | 20.088 | 20.238 | VV | 23702      | 851647  | 21.00% | 1.491% |
| 220 | 20.259 | 20.238 | 20.288 | VV | 7815       | 221480  | 5.46%  | 0.388% |
| 221 | 20.365 | 20.288 | 20.440 | VV | 11710      | 817352  | 20.15% | 1.431% |
| 222 | 20.468 | 20.440 | 20.485 | VV | 8785       | 223836  | 5.52%  | 0.392% |
| 223 | 20.519 | 20.485 | 20.585 | VV | 10033      | 511112  | 12.60% | 0.895% |
| 224 | 20.671 | 20.585 | 20.707 | VV | 11761      | 630150  | 15.54% | 1.104% |
| 225 | 20.730 | 20.707 | 20.821 | VV | 8772       | 536765  | 13.24% | 0.940% |
| 226 | 20.845 | 20.821 | 20.896 | VV | 7489       | 326069  | 8.04%  | 0.571% |
| 227 | 20.935 | 20.896 | 20.983 | VV | 7602       | 379517  | 9.36%  | 0.665% |
| 228 | 21.046 | 20.983 | 21.105 | VV | 8578       | 552810  | 13.63% | 0.968% |
| 229 | 21.136 | 21.105 | 21.251 | VV | 8146       | 643820  | 15.87% | 1.127% |
| 230 | 21.269 | 21.251 | 21.341 | VV | 6980       | 358222  | 8.83%  | 0.627% |
| 231 | 21.370 | 21.341 | 21.411 | VV | 6996       | 277174  | 6.83%  | 0.485% |
| 232 | 21.443 | 21.411 | 21.499 | VV | 6938       | 341069  | 8.41%  | 0.597% |
| 233 | 21.592 | 21.499 | 21.611 | VV | 6986       | 440108  | 10.85% | 0.771% |
| 234 | 21.644 | 21.611 | 21.711 | VV | 7771       | 411002  | 10.13% | 0.720% |
| 235 | 21.760 | 21.711 | 21.805 | VV | 6478       | 348275  | 8.59%  | 0.610% |
| 236 | 21.857 | 21.805 | 21.937 | VV | 6311       | 484814  | 11.95% | 0.849% |
| 237 | 21.978 | 21.937 | 22.011 | VV | 6185       | 273501  | 6.74%  | 0.479% |
| 238 | 22.069 | 22.011 | 22.171 | VV | 7236       | 621948  | 15.34% | 1.089% |
| 239 | 22.180 | 22.171 | 22.228 | VV | 5996       | 200932  | 4.95%  | 0.352% |
| 240 | 22.304 | 22.228 | 22.334 | VV | 8412       | 435566  | 10.74% | 0.763% |
| 241 | 22.353 | 22.334 | 22.530 | VV | 7276       | 709991  | 17.51% | 1.243% |
| 242 | 22.596 | 22.530 | 22.608 | VV | 5727       | 266076  | 6.56%  | 0.466% |
| 243 | 22.709 | 22.608 | 22.828 | VV | 6376       | 769505  | 18.97% | 1.348% |
| 244 | 22.838 | 22.828 | 22.891 | VV | 5551       | 209194  | 5.16%  | 0.366% |
| 245 | 22.918 | 22.891 | 22.971 | VV | 5569       | 261214  | 6.44%  | 0.457% |
| 246 | 22.993 | 22.971 | 23.028 | VV | 5361       | 181338  | 4.47%  | 0.318% |

|     |        |        |        |     |                         |        |          |        |
|-----|--------|--------|--------|-----|-------------------------|--------|----------|--------|
|     |        |        |        |     | rteres.txt              |        |          |        |
| 247 | 23.043 | 23.028 | 23.077 | VV  | 5380                    | 158376 | 3.91%    | 0.277% |
| 248 | 23.107 | 23.077 | 23.131 | VV  | 5385                    | 172899 | 4.26%    | 0.303% |
| 249 | 23.202 | 23.131 | 23.294 | VV  | 6571                    | 558296 | 13.77%   | 0.978% |
| 250 | 23.383 | 23.294 | 23.455 | VV  | 5373                    | 501472 | 12.36%   | 0.878% |
| 251 | 23.505 | 23.455 | 23.549 | VV  | 5325                    | 293373 | 7.23%    | 0.514% |
| 252 | 23.635 | 23.549 | 23.698 | VV  | 5175                    | 453473 | 11.18%   | 0.794% |
| 253 | 23.759 | 23.698 | 23.965 | VV  | 5156                    | 785934 | 19.38%   | 1.376% |
| 254 | 23.981 | 23.965 | 24.035 | VV  | 4827                    | 197571 | 4.87%    | 0.346% |
| 255 | 24.253 | 24.035 | 24.361 | VV  | 5672                    | 950109 | 23.43%   | 1.664% |
| 256 | 24.469 | 24.361 | 24.580 | VV  | 4999                    | 607663 | 14.98%   | 1.064% |
| 257 | 24.600 | 24.580 | 24.728 | VV  | 4505                    | 383083 | 9.45%    | 0.671% |
| 258 | 24.859 | 24.728 | 24.968 | VV  | 5567                    | 649947 | 16.03%   | 1.138% |
| 259 | 24.989 | 24.968 | 25.038 | VV  | 4129                    | 170753 | 4.21%    | 0.299% |
| 260 | 25.105 | 25.038 | 25.175 | VV  | 4174                    | 335737 | 8.28%    | 0.588% |
| 261 | 25.191 | 25.175 | 25.231 | VV  | 4036                    | 134062 | 3.31%    | 0.235% |
| 262 | 25.270 | 25.231 | 25.301 | VBA | 4019                    | 174542 | 4.30%    | 0.306% |
|     |        |        |        |     | Sum of corrected areas: |        | 57104380 |        |

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