

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030519AL\  
 Data File : FC039639.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Mar 2019 8:46  
 Sample : K1688-17DL 5X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.M  
 Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.029       | 3.002        | 3.107      | BV       | 1462           | 19545        | 0.22%          | 0.027%        |
| 2         | 3.137       | 3.107        | 3.151      | PV       | 363            | 4111         | 0.05%          | 0.006%        |
| 3         | 3.162       | 3.151        | 3.177      | VV       | 248            | 3088         | 0.04%          | 0.004%        |
| 4         | 3.196       | 3.177        | 3.206      | PV       | 246            | 2689         | 0.03%          | 0.004%        |
| 5         | 3.221       | 3.206        | 3.236      | VV       | 294            | 3761         | 0.04%          | 0.005%        |
| 6         | 3.251       | 3.236        | 3.261      | VV       | 245            | 2489         | 0.03%          | 0.003%        |
| 7         | 3.277       | 3.261        | 3.312      | VV       | 1072           | 12850        | 0.15%          | 0.018%        |
| 8         | 3.343       | 3.312        | 3.357      | VV       | 530            | 6975         | 0.08%          | 0.010%        |
| 9         | 3.389       | 3.357        | 3.422      | VV       | 1324           | 19288        | 0.22%          | 0.026%        |
| 10        | 3.457       | 3.422        | 3.486      | VV       | 812            | 15529        | 0.18%          | 0.021%        |
| 11        | 3.510       | 3.486        | 3.523      | VV       | 782            | 11321        | 0.13%          | 0.016%        |
| 12        | 3.540       | 3.523        | 3.566      | VV       | 1153           | 13799        | 0.16%          | 0.019%        |
| 13        | 3.592       | 3.566        | 3.637      | VV       | 1839           | 32004        | 0.36%          | 0.044%        |
| 14        | 3.681       | 3.637        | 3.694      | PV       | 2250           | 28916        | 0.33%          | 0.040%        |
| 15        | 3.708       | 3.694        | 3.724      | VV       | 1988           | 21830        | 0.25%          | 0.030%        |
| 16        | 3.739       | 3.724        | 3.756      | VV       | 896            | 13086        | 0.15%          | 0.018%        |
| 17        | 3.772       | 3.756        | 3.812      | VV       | 1910           | 23773        | 0.27%          | 0.033%        |
| 18        | 3.843       | 3.812        | 3.862      | VV       | 3324           | 50120        | 0.57%          | 0.069%        |
| 19        | 3.874       | 3.862        | 3.904      | VV       | 1973           | 30431        | 0.35%          | 0.042%        |
| 20        | 3.910       | 3.904        | 3.922      | VV       | 876            | 7269         | 0.08%          | 0.010%        |
| 21        | 3.931       | 3.922        | 3.948      | VV       | 494            | 4762         | 0.05%          | 0.007%        |
| 22        | 3.979       | 3.948        | 4.002      | PV       | 1030           | 14538        | 0.17%          | 0.020%        |
| 23        | 4.022       | 4.002        | 4.046      | VV       | 1328           | 19263        | 0.22%          | 0.026%        |
| 24        | 4.076       | 4.046        | 4.097      | VV       | 12928          | 133048       | 1.51%          | 0.183%        |
| 25        | 4.111       | 4.097        | 4.129      | VV       | 2657           | 32068        | 0.37%          | 0.044%        |
| 26        | 4.139       | 4.129        | 4.159      | VV       | 1424           | 17927        | 0.20%          | 0.025%        |
| 27        | 4.181       | 4.159        | 4.198      | VV       | 587            | 12012        | 0.14%          | 0.016%        |
| 28        | 4.228       | 4.198        | 4.243      | VV       | 1458           | 26172        | 0.30%          | 0.036%        |
| 29        | 4.258       | 4.243        | 4.283      | VV       | 1615           | 28573        | 0.33%          | 0.039%        |
| 30        | 4.295       | 4.283        | 4.309      | VV       | 1381           | 15429        | 0.18%          | 0.021%        |
| 31        | 4.324       | 4.309        | 4.358      | VV       | 4792           | 75400        | 0.86%          | 0.104%        |
| 32        | 4.392       | 4.358        | 4.411      | VV       | 2511           | 51607        | 0.59%          | 0.071%        |
| 33        | 4.448       | 4.411        | 4.471      | VV       | 2968           | 69237        | 0.79%          | 0.095%        |
| 34        | 4.485       | 4.471        | 4.502      | VV       | 2918           | 39289        | 0.45%          | 0.054%        |
| 35        | 4.521       | 4.502        | 4.560      | VV       | 6446           | 86101        | 0.98%          | 0.118%        |
| 36        | 4.590       | 4.560        | 4.606      | VV       | 2116           | 30404        | 0.35%          | 0.042%        |

| rteres |       |       |       |    |       |        |       |        |
|--------|-------|-------|-------|----|-------|--------|-------|--------|
| 37     | 4.619 | 4.606 | 4.642 | VV | 1715  | 20148  | 0.23% | 0.028% |
| 38     | 4.677 | 4.642 | 4.690 | VV | 3800  | 41221  | 0.47% | 0.057% |
| 39     | 4.706 | 4.690 | 4.728 | VV | 5562  | 72997  | 0.83% | 0.100% |
| 40     | 4.746 | 4.728 | 4.772 | VV | 6251  | 87419  | 1.00% | 0.120% |
| 41     | 4.780 | 4.772 | 4.792 | VV | 2996  | 29526  | 0.34% | 0.041% |
| 42     | 4.806 | 4.792 | 4.839 | VV | 5483  | 67254  | 0.77% | 0.092% |
| 43     | 4.861 | 4.839 | 4.872 | VV | 711   | 11789  | 0.13% | 0.016% |
| 44     | 4.894 | 4.872 | 4.906 | VV | 2738  | 32614  | 0.37% | 0.045% |
| 45     | 4.916 | 4.906 | 4.927 | VV | 2178  | 24292  | 0.28% | 0.033% |
| 46     | 4.951 | 4.927 | 4.969 | VV | 3330  | 64075  | 0.73% | 0.088% |
| 47     | 4.983 | 4.969 | 5.028 | VV | 3858  | 85526  | 0.97% | 0.117% |
| 48     | 5.041 | 5.028 | 5.056 | VV | 2382  | 28870  | 0.33% | 0.040% |
| 49     | 5.064 | 5.056 | 5.077 | VV | 1645  | 14090  | 0.16% | 0.019% |
| 50     | 5.101 | 5.077 | 5.159 | VV | 40822 | 484721 | 5.52% | 0.665% |
| 51     | 5.169 | 5.159 | 5.194 | VV | 1577  | 25952  | 0.30% | 0.036% |
| 52     | 5.215 | 5.194 | 5.228 | VV | 1372  | 23754  | 0.27% | 0.033% |
| 53     | 5.260 | 5.228 | 5.272 | VV | 5937  | 77645  | 0.88% | 0.107% |
| 54     | 5.286 | 5.272 | 5.323 | VV | 4779  | 93376  | 1.06% | 0.128% |
| 55     | 5.340 | 5.323 | 5.354 | VV | 3718  | 46646  | 0.53% | 0.064% |
| 56     | 5.382 | 5.354 | 5.412 | VV | 9799  | 199323 | 2.27% | 0.274% |
| 57     | 5.459 | 5.412 | 5.488 | VV | 7986  | 207521 | 2.36% | 0.285% |
| 58     | 5.502 | 5.488 | 5.528 | VV | 3734  | 71821  | 0.82% | 0.099% |
| 59     | 5.545 | 5.528 | 5.571 | VV | 5281  | 84613  | 0.96% | 0.116% |
| 60     | 5.595 | 5.571 | 5.629 | VV | 5282  | 120559 | 1.37% | 0.165% |
| 61     | 5.655 | 5.629 | 5.681 | VV | 6942  | 162316 | 1.85% | 0.223% |
| 62     | 5.692 | 5.681 | 5.709 | VV | 6024  | 75658  | 0.86% | 0.104% |
| 63     | 5.735 | 5.709 | 5.750 | VV | 8806  | 127475 | 1.45% | 0.175% |
| 64     | 5.768 | 5.750 | 5.780 | VV | 6132  | 94040  | 1.07% | 0.129% |
| 65     | 5.797 | 5.780 | 5.829 | VV | 9412  | 164973 | 1.88% | 0.226% |
| 66     | 5.846 | 5.829 | 5.859 | VV | 5127  | 68925  | 0.78% | 0.095% |
| 67     | 5.871 | 5.859 | 5.879 | VV | 4576  | 49646  | 0.57% | 0.068% |
| 68     | 5.896 | 5.879 | 5.931 | VV | 5572  | 136016 | 1.55% | 0.187% |
| 69     | 5.948 | 5.931 | 5.968 | VV | 5241  | 99077  | 1.13% | 0.136% |
| 70     | 5.994 | 5.968 | 6.048 | VV | 8234  | 232986 | 2.65% | 0.320% |
| 71     | 6.073 | 6.048 | 6.117 | VV | 45742 | 578055 | 6.58% | 0.794% |
| 72     | 6.154 | 6.117 | 6.167 | VV | 4157  | 96838  | 1.10% | 0.133% |
| 73     | 6.183 | 6.167 | 6.197 | VV | 5706  | 82884  | 0.94% | 0.114% |
| 74     | 6.219 | 6.197 | 6.245 | VV | 18436 | 254246 | 2.89% | 0.349% |
| 75     | 6.261 | 6.245 | 6.276 | VV | 5512  | 86220  | 0.98% | 0.118% |
| 76     | 6.289 | 6.276 | 6.299 | VV | 5285  | 61456  | 0.70% | 0.084% |
| 77     | 6.309 | 6.299 | 6.324 | VV | 5406  | 66813  | 0.76% | 0.092% |
| 78     | 6.340 | 6.324 | 6.362 | VV | 8137  | 123780 | 1.41% | 0.170% |
| 79     | 6.379 | 6.362 | 6.394 | VV | 8093  | 109479 | 1.25% | 0.150% |
| 80     | 6.407 | 6.394 | 6.432 | VV | 6111  | 118496 | 1.35% | 0.163% |
| 81     | 6.453 | 6.432 | 6.492 | VV | 17554 | 296762 | 3.38% | 0.407% |
| 82     | 6.500 | 6.492 | 6.516 | VV | 4480  | 58364  | 0.66% | 0.080% |
| 83     | 6.533 | 6.516 | 6.550 | VV | 6459  | 104545 | 1.19% | 0.144% |
| 84     | 6.571 | 6.550 | 6.599 | VV | 10613 | 221302 | 2.52% | 0.304% |
| 85     | 6.623 | 6.599 | 6.647 | VV | 10852 | 201819 | 2.30% | 0.277% |
| 86     | 6.674 | 6.647 | 6.709 | VV | 15968 | 323937 | 3.69% | 0.445% |
| 87     | 6.725 | 6.709 | 6.741 | VV | 10602 | 136152 | 1.55% | 0.187% |
| 88     | 6.767 | 6.741 | 6.797 | VV | 16700 | 278640 | 3.17% | 0.382% |
| 89     | 6.819 | 6.797 | 6.839 | VV | 9442  | 157530 | 1.79% | 0.216% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 6.859 | 6.839 | 6.874 | VV | 6815   | 109866 | 1.25%  | 0.151% |
| 91  | 6.884 | 6.874 | 6.896 | VV | 4967   | 59900  | 0.68%  | 0.082% |
| 92  | 6.910 | 6.896 | 6.931 | VV | 5394   | 104130 | 1.19%  | 0.143% |
| 93  | 6.954 | 6.931 | 6.967 | VV | 14204  | 204152 | 2.32%  | 0.280% |
| 94  | 6.987 | 6.967 | 7.020 | VV | 54078  | 690478 | 7.86%  | 0.948% |
| 95  | 7.029 | 7.020 | 7.077 | VV | 7042   | 205635 | 2.34%  | 0.282% |
| 96  | 7.105 | 7.077 | 7.118 | VV | 5342   | 121663 | 1.39%  | 0.167% |
| 97  | 7.156 | 7.118 | 7.182 | VV | 13012  | 316551 | 3.60%  | 0.435% |
| 98  | 7.199 | 7.182 | 7.225 | VV | 6841   | 128544 | 1.46%  | 0.176% |
| 99  | 7.243 | 7.225 | 7.264 | VV | 6501   | 114318 | 1.30%  | 0.157% |
| 100 | 7.286 | 7.264 | 7.328 | VV | 60232  | 884044 | 10.06% | 1.214% |
| 101 | 7.340 | 7.328 | 7.371 | VV | 9978   | 202820 | 2.31%  | 0.278% |
| 102 | 7.404 | 7.371 | 7.420 | VV | 8632   | 207434 | 2.36%  | 0.285% |
| 103 | 7.438 | 7.420 | 7.453 | VV | 12289  | 171777 | 1.96%  | 0.236% |
| 104 | 7.464 | 7.453 | 7.480 | VV | 8526   | 115485 | 1.31%  | 0.159% |
| 105 | 7.503 | 7.480 | 7.526 | VV | 9627   | 189887 | 2.16%  | 0.261% |
| 106 | 7.548 | 7.526 | 7.582 | VV | 11962  | 307384 | 3.50%  | 0.422% |
| 107 | 7.600 | 7.582 | 7.626 | VV | 11824  | 210988 | 2.40%  | 0.290% |
| 108 | 7.671 | 7.626 | 7.694 | VV | 17191  | 327555 | 3.73%  | 0.450% |
| 109 | 7.708 | 7.694 | 7.732 | VV | 6191   | 118246 | 1.35%  | 0.162% |
| 110 | 7.755 | 7.732 | 7.774 | VV | 8789   | 176695 | 2.01%  | 0.243% |
| 111 | 7.813 | 7.774 | 7.827 | VV | 9416   | 257698 | 2.93%  | 0.354% |
| 112 | 7.850 | 7.827 | 7.879 | VV | 52335  | 668483 | 7.61%  | 0.918% |
| 113 | 7.897 | 7.879 | 7.920 | VV | 8466   | 180112 | 2.05%  | 0.247% |
| 114 | 7.940 | 7.920 | 7.977 | VV | 8147   | 233866 | 2.66%  | 0.321% |
| 115 | 7.994 | 7.977 | 8.007 | VV | 7539   | 120664 | 1.37%  | 0.166% |
| 116 | 8.017 | 8.007 | 8.031 | VV | 7223   | 93085  | 1.06%  | 0.128% |
| 117 | 8.050 | 8.031 | 8.101 | VV | 9967   | 265221 | 3.02%  | 0.364% |
| 118 | 8.142 | 8.101 | 8.180 | VV | 25806  | 544626 | 6.20%  | 0.748% |
| 119 | 8.194 | 8.180 | 8.234 | VV | 11263  | 287972 | 3.28%  | 0.395% |
| 120 | 8.265 | 8.234 | 8.281 | VV | 11420  | 249201 | 2.84%  | 0.342% |
| 121 | 8.295 | 8.281 | 8.320 | VV | 10091  | 193800 | 2.21%  | 0.266% |
| 122 | 8.337 | 8.320 | 8.362 | VV | 10357  | 190676 | 2.17%  | 0.262% |
| 123 | 8.382 | 8.362 | 8.417 | VV | 21168  | 340371 | 3.88%  | 0.467% |
| 124 | 8.434 | 8.417 | 8.462 | VV | 9917   | 185424 | 2.11%  | 0.255% |
| 125 | 8.496 | 8.462 | 8.514 | VV | 6120   | 172317 | 1.96%  | 0.237% |
| 126 | 8.524 | 8.514 | 8.536 | VV | 5714   | 71690  | 0.82%  | 0.098% |
| 127 | 8.548 | 8.536 | 8.565 | VV | 5771   | 94188  | 1.07%  | 0.129% |
| 128 | 8.598 | 8.565 | 8.620 | VV | 6714   | 191029 | 2.17%  | 0.262% |
| 129 | 8.665 | 8.620 | 8.714 | VV | 47484  | 781527 | 8.90%  | 1.073% |
| 130 | 8.745 | 8.714 | 8.765 | VV | 7109   | 172766 | 1.97%  | 0.237% |
| 131 | 8.791 | 8.765 | 8.813 | VV | 5963   | 148523 | 1.69%  | 0.204% |
| 132 | 8.857 | 8.813 | 8.889 | VV | 6175   | 231514 | 2.64%  | 0.318% |
| 133 | 8.901 | 8.889 | 8.912 | VV | 4841   | 64483  | 0.73%  | 0.089% |
| 134 | 8.934 | 8.912 | 8.957 | VV | 5883   | 141565 | 1.61%  | 0.194% |
| 135 | 8.977 | 8.957 | 8.999 | VV | 4833   | 114284 | 1.30%  | 0.157% |
| 136 | 9.031 | 8.999 | 9.066 | VV | 10193  | 285954 | 3.26%  | 0.393% |
| 137 | 9.083 | 9.066 | 9.101 | VV | 7647   | 134420 | 1.53%  | 0.185% |
| 138 | 9.120 | 9.101 | 9.146 | VV | 8294   | 169149 | 1.93%  | 0.232% |
| 139 | 9.165 | 9.146 | 9.182 | VV | 8976   | 141266 | 1.61%  | 0.194% |
| 140 | 9.217 | 9.182 | 9.257 | VV | 7540   | 237411 | 2.70%  | 0.326% |
| 141 | 9.277 | 9.257 | 9.295 | VV | 3957   | 84146  | 0.96%  | 0.116% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.306  | 9.295  | 9.319  | VV | 3612   | 48690   | 0.55%  | 0.067% |
| 143 | 9.358  | 9.319  | 9.367  | VV | 4696   | 121173  | 1.38%  | 0.166% |
| 144 | 9.387  | 9.367  | 9.409  | VV | 7371   | 146350  | 1.67%  | 0.201% |
| 145 | 9.437  | 9.409  | 9.471  | VV | 42041  | 569846  | 6.49%  | 0.782% |
|     |        |        |        |    |        |         |        |        |
| 146 | 9.479  | 9.471  | 9.491  | VV | 4261   | 48865   | 0.56%  | 0.067% |
| 147 | 9.507  | 9.491  | 9.527  | VV | 5428   | 100488  | 1.14%  | 0.138% |
| 148 | 9.537  | 9.527  | 9.571  | VV | 4233   | 92371   | 1.05%  | 0.127% |
| 149 | 9.590  | 9.571  | 9.624  | VV | 4112   | 109770  | 1.25%  | 0.151% |
| 150 | 9.649  | 9.624  | 9.688  | VV | 3724   | 121905  | 1.39%  | 0.167% |
|     |        |        |        |    |        |         |        |        |
| 151 | 9.713  | 9.688  | 9.739  | VV | 3416   | 93315   | 1.06%  | 0.128% |
| 152 | 9.781  | 9.739  | 9.789  | VV | 6126   | 125481  | 1.43%  | 0.172% |
| 153 | 9.821  | 9.789  | 9.848  | VV | 13360  | 310333  | 3.53%  | 0.426% |
| 154 | 9.870  | 9.848  | 9.891  | VV | 6396   | 125580  | 1.43%  | 0.172% |
| 155 | 9.911  | 9.891  | 9.938  | VV | 7426   | 145223  | 1.65%  | 0.199% |
|     |        |        |        |    |        |         |        |        |
| 156 | 9.961  | 9.938  | 9.984  | VV | 7047   | 128471  | 1.46%  | 0.176% |
| 157 | 10.004 | 9.984  | 10.031 | VV | 3035   | 79005   | 0.90%  | 0.108% |
| 158 | 10.049 | 10.031 | 10.069 | VV | 3846   | 73653   | 0.84%  | 0.101% |
| 159 | 10.093 | 10.069 | 10.117 | VV | 3936   | 97688   | 1.11%  | 0.134% |
| 160 | 10.168 | 10.117 | 10.206 | VV | 36292  | 575090  | 6.55%  | 0.789% |
|     |        |        |        |    |        |         |        |        |
| 161 | 10.239 | 10.206 | 10.317 | VV | 14379  | 389827  | 4.44%  | 0.535% |
| 162 | 10.351 | 10.317 | 10.367 | VV | 3296   | 80224   | 0.91%  | 0.110% |
| 163 | 10.382 | 10.367 | 10.394 | VV | 3170   | 47053   | 0.54%  | 0.065% |
| 164 | 10.418 | 10.394 | 10.453 | VV | 4924   | 132438  | 1.51%  | 0.182% |
| 165 | 10.489 | 10.453 | 10.523 | VV | 5787   | 176962  | 2.01%  | 0.243% |
|     |        |        |        |    |        |         |        |        |
| 166 | 10.546 | 10.523 | 10.596 | VV | 6829   | 192976  | 2.20%  | 0.265% |
| 167 | 10.620 | 10.596 | 10.654 | VV | 5245   | 119281  | 1.36%  | 0.164% |
| 168 | 10.670 | 10.654 | 10.692 | VV | 4355   | 72286   | 0.82%  | 0.099% |
| 169 | 10.713 | 10.692 | 10.731 | VV | 2360   | 50406   | 0.57%  | 0.069% |
| 170 | 10.738 | 10.731 | 10.747 | VV | 1896   | 17632   | 0.20%  | 0.024% |
|     |        |        |        |    |        |         |        |        |
| 171 | 10.774 | 10.747 | 10.786 | VV | 2456   | 50460   | 0.57%  | 0.069% |
| 172 | 10.801 | 10.786 | 10.834 | VV | 3039   | 71287   | 0.81%  | 0.098% |
| 173 | 10.866 | 10.834 | 10.906 | VV | 30091  | 425339  | 4.84%  | 0.584% |
| 174 | 10.918 | 10.906 | 10.925 | VV | 3036   | 33009   | 0.38%  | 0.045% |
| 175 | 10.954 | 10.925 | 10.986 | VV | 10042  | 192303  | 2.19%  | 0.264% |
|     |        |        |        |    |        |         |        |        |
| 176 | 10.996 | 10.986 | 11.016 | VV | 1939   | 30836   | 0.35%  | 0.042% |
| 177 | 11.061 | 11.016 | 11.090 | VV | 2007   | 75142   | 0.86%  | 0.103% |
| 178 | 11.156 | 11.090 | 11.201 | VV | 65817  | 850550  | 9.68%  | 1.168% |
| 179 | 11.218 | 11.201 | 11.232 | VV | 3528   | 59293   | 0.68%  | 0.081% |
| 180 | 11.251 | 11.232 | 11.277 | VV | 4434   | 93771   | 1.07%  | 0.129% |
|     |        |        |        |    |        |         |        |        |
| 181 | 11.297 | 11.277 | 11.323 | VV | 4292   | 87222   | 0.99%  | 0.120% |
| 182 | 11.344 | 11.323 | 11.369 | VV | 4181   | 78619   | 0.90%  | 0.108% |
| 183 | 11.420 | 11.369 | 11.450 | VV | 7225   | 159579  | 1.82%  | 0.219% |
| 184 | 11.462 | 11.450 | 11.478 | VV | 1860   | 28173   | 0.32%  | 0.039% |
| 185 | 11.530 | 11.478 | 11.554 | VV | 24999  | 365807  | 4.16%  | 0.502% |
|     |        |        |        |    |        |         |        |        |
| 186 | 11.584 | 11.554 | 11.704 | VV | 175134 | 2111133 | 24.04% | 2.898% |
| 187 | 11.726 | 11.704 | 11.775 | VV | 1739   | 51351   | 0.58%  | 0.070% |
| 188 | 11.805 | 11.775 | 11.849 | VV | 2918   | 89169   | 1.02%  | 0.122% |
| 189 | 11.866 | 11.849 | 11.887 | VV | 2744   | 49370   | 0.56%  | 0.068% |
| 190 | 11.905 | 11.887 | 11.926 | VV | 2828   | 52278   | 0.60%  | 0.072% |
|     |        |        |        |    |        |         |        |        |
| 191 | 11.937 | 11.926 | 11.964 | VV | 2904   | 47576   | 0.54%  | 0.065% |
| 192 | 11.990 | 11.964 | 12.014 | VV | 2733   | 53062   | 0.60%  | 0.073% |
| 193 | 12.045 | 12.014 | 12.070 | VV | 3979   | 71764   | 0.82%  | 0.099% |
| 194 | 12.091 | 12.070 | 12.125 | VV | 2413   | 55146   | 0.63%  | 0.076% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 195 | 12.165 | 12.125 | 12.187 | VV | 20438  | 270088  | 3.07%   | 0.371%  |
| 196 | 12.217 | 12.187 | 12.267 | VV | 5562   | 150199  | 1.71%   | 0.206%  |
| 197 | 12.275 | 12.267 | 12.291 | VV | 913    | 9752    | 0.11%   | 0.013%  |
| 198 | 12.303 | 12.291 | 12.346 | VV | 1026   | 19135   | 0.22%   | 0.026%  |
| 199 | 12.357 | 12.346 | 12.382 | PV | 369    | 4455    | 0.05%   | 0.006%  |
| 200 | 12.432 | 12.382 | 12.446 | VV | 1580   | 36611   | 0.42%   | 0.050%  |
| 201 | 12.464 | 12.446 | 12.477 | VV | 3748   | 47800   | 0.54%   | 0.066%  |
| 202 | 12.496 | 12.477 | 12.544 | VV | 5413   | 131392  | 1.50%   | 0.180%  |
| 203 | 12.593 | 12.544 | 12.625 | VV | 524422 | 7581713 | 86.32%  | 10.408% |
| 204 | 12.652 | 12.625 | 12.732 | VV | 645537 | 8783412 | 100.00% | 12.057% |
| 205 | 12.740 | 12.732 | 12.749 | VV | 2447   | 24173   | 0.28%   | 0.033%  |
| 206 | 12.773 | 12.749 | 12.799 | VV | 18001  | 245119  | 2.79%   | 0.336%  |
| 207 | 12.828 | 12.799 | 12.876 | VV | 73131  | 975301  | 11.10%  | 1.339%  |
| 208 | 12.885 | 12.876 | 12.907 | VV | 5249   | 80853   | 0.92%   | 0.111%  |
| 209 | 12.919 | 12.907 | 12.939 | VV | 3470   | 52592   | 0.60%   | 0.072%  |
| 210 | 12.951 | 12.939 | 12.967 | VV | 2054   | 27439   | 0.31%   | 0.038%  |
| 211 | 12.994 | 12.967 | 13.057 | VV | 2631   | 106046  | 1.21%   | 0.146%  |
| 212 | 13.120 | 13.057 | 13.182 | VV | 19764  | 377212  | 4.29%   | 0.518%  |
| 213 | 13.199 | 13.182 | 13.214 | VV | 1570   | 24763   | 0.28%   | 0.034%  |
| 214 | 13.232 | 13.214 | 13.246 | VV | 2769   | 41190   | 0.47%   | 0.057%  |
| 215 | 13.257 | 13.246 | 13.286 | VV | 3107   | 45550   | 0.52%   | 0.063%  |
| 216 | 13.309 | 13.286 | 13.329 | VV | 3757   | 48698   | 0.55%   | 0.067%  |
| 217 | 13.356 | 13.329 | 13.380 | VV | 12842  | 169120  | 1.93%   | 0.232%  |
| 218 | 13.400 | 13.380 | 13.432 | VV | 4252   | 78330   | 0.89%   | 0.108%  |
| 219 | 13.463 | 13.432 | 13.519 | VV | 3440   | 83085   | 0.95%   | 0.114%  |
| 220 | 13.607 | 13.519 | 13.626 | PV | 14484  | 223368  | 2.54%   | 0.307%  |
| 221 | 13.645 | 13.626 | 13.681 | VV | 7474   | 172519  | 1.96%   | 0.237%  |
| 222 | 13.694 | 13.681 | 13.737 | VV | 3863   | 103094  | 1.17%   | 0.142%  |
| 223 | 13.757 | 13.737 | 13.774 | VV | 5508   | 79945   | 0.91%   | 0.110%  |
| 224 | 13.803 | 13.774 | 13.824 | VV | 14120  | 213559  | 2.43%   | 0.293%  |
| 225 | 13.834 | 13.824 | 13.859 | VV | 4353   | 60040   | 0.68%   | 0.082%  |
| 226 | 13.874 | 13.859 | 13.888 | VV | 1649   | 25153   | 0.29%   | 0.035%  |
| 227 | 13.914 | 13.888 | 13.944 | VV | 10496  | 163571  | 1.86%   | 0.225%  |
| 228 | 13.971 | 13.944 | 14.014 | VV | 15285  | 243821  | 2.78%   | 0.335%  |
| 229 | 14.032 | 14.014 | 14.060 | VV | 2758   | 56355   | 0.64%   | 0.077%  |
| 230 | 14.081 | 14.060 | 14.099 | VV | 1968   | 38831   | 0.44%   | 0.053%  |
| 231 | 14.118 | 14.099 | 14.144 | VV | 1588   | 35010   | 0.40%   | 0.048%  |
| 232 | 14.165 | 14.144 | 14.208 | VV | 1333   | 32994   | 0.38%   | 0.045%  |
| 233 | 14.226 | 14.208 | 14.243 | PV | 542    | 6183    | 0.07%   | 0.008%  |
| 234 | 14.263 | 14.243 | 14.279 | VV | 836    | 9801    | 0.11%   | 0.013%  |
| 235 | 14.301 | 14.279 | 14.317 | VV | 667    | 10097   | 0.11%   | 0.014%  |
| 236 | 14.332 | 14.317 | 14.341 | VV | 575    | 7473    | 0.09%   | 0.010%  |
| 237 | 14.364 | 14.341 | 14.389 | VV | 2474   | 47101   | 0.54%   | 0.065%  |
| 238 | 14.410 | 14.389 | 14.427 | VV | 4664   | 77928   | 0.89%   | 0.107%  |
| 239 | 14.450 | 14.427 | 14.487 | VV | 11034  | 178585  | 2.03%   | 0.245%  |
| 240 | 14.513 | 14.487 | 14.534 | VV | 2024   | 39376   | 0.45%   | 0.054%  |
| 241 | 14.546 | 14.534 | 14.559 | VV | 960    | 12264   | 0.14%   | 0.017%  |
| 242 | 14.581 | 14.559 | 14.618 | VV | 1114   | 27048   | 0.31%   | 0.037%  |
| 243 | 14.643 | 14.618 | 14.683 | PV | 1344   | 27678   | 0.32%   | 0.038%  |
| 244 | 14.693 | 14.683 | 14.702 | VV | 882    | 6658    | 0.08%   | 0.009%  |
| 245 | 14.723 | 14.702 | 14.742 | VV | 669    | 11629   | 0.13%   | 0.016%  |
| 246 | 14.754 | 14.742 | 14.766 | VV | 695    | 6132    | 0.07%   | 0.008%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 14.796 | 14.766 | 14.819 | PV | 1593   | 29543  | 0.34% | 0.041% |
| 248 | 14.834 | 14.819 | 14.861 | VV | 2141   | 40865  | 0.47% | 0.056% |
| 249 | 14.867 | 14.861 | 14.904 | VV | 1602   | 26092  | 0.30% | 0.036% |
| 250 | 14.968 | 14.904 | 14.993 | VV | 7649   | 107413 | 1.22% | 0.147% |
| 251 | 15.026 | 14.993 | 15.069 | VV | 7783   | 132258 | 1.51% | 0.182% |
| 252 | 15.085 | 15.069 | 15.109 | VV | 625    | 8594   | 0.10% | 0.012% |
| 253 | 15.147 | 15.109 | 15.173 | PV | 1000   | 17339  | 0.20% | 0.024% |
| 254 | 15.185 | 15.173 | 15.195 | VV | 618    | 7132   | 0.08% | 0.010% |
| 255 | 15.217 | 15.195 | 15.242 | VV | 832    | 15078  | 0.17% | 0.021% |
| 256 | 15.292 | 15.242 | 15.316 | VV | 927    | 18091  | 0.21% | 0.025% |
| 257 | 15.338 | 15.316 | 15.359 | VV | 1296   | 19932  | 0.23% | 0.027% |
| 258 | 15.388 | 15.359 | 15.416 | VV | 945    | 15573  | 0.18% | 0.021% |
| 259 | 15.465 | 15.416 | 15.516 | VV | 11518  | 181803 | 2.07% | 0.250% |
| 260 | 15.528 | 15.516 | 15.555 | VV | 1233   | 17829  | 0.20% | 0.024% |
| 261 | 15.637 | 15.555 | 15.656 | PV | 3463   | 81569  | 0.93% | 0.112% |
| 262 | 15.679 | 15.656 | 15.739 | VV | 4260   | 152639 | 1.74% | 0.210% |
| 263 | 15.759 | 15.739 | 15.772 | VV | 1576   | 27634  | 0.31% | 0.038% |
| 264 | 15.790 | 15.772 | 15.802 | VV | 1410   | 19426  | 0.22% | 0.027% |
| 265 | 15.827 | 15.802 | 15.867 | VV | 1585   | 34235  | 0.39% | 0.047% |
| 266 | 15.887 | 15.867 | 15.901 | VV | 916    | 9456   | 0.11% | 0.013% |
| 267 | 15.947 | 15.901 | 15.977 | PV | 9956   | 164557 | 1.87% | 0.226% |
| 268 | 16.007 | 15.977 | 16.029 | VV | 3639   | 58162  | 0.66% | 0.080% |
| 269 | 16.041 | 16.029 | 16.074 | VV | 1299   | 21617  | 0.25% | 0.030% |
| 270 | 16.115 | 16.074 | 16.141 | VV | 1453   | 29310  | 0.33% | 0.040% |
| 271 | 16.147 | 16.141 | 16.157 | VV | 372    | 1706   | 0.02% | 0.002% |
| 272 | 16.248 | 16.157 | 16.264 | VV | 10879  | 145689 | 1.66% | 0.200% |
| 273 | 16.285 | 16.264 | 16.352 | VV | 15932  | 293887 | 3.35% | 0.403% |
| 274 | 16.359 | 16.352 | 16.372 | VV | 1153   | 11671  | 0.13% | 0.016% |
| 275 | 16.409 | 16.372 | 16.466 | VV | 12147  | 232250 | 2.64% | 0.319% |
| 276 | 16.492 | 16.466 | 16.514 | VV | 1577   | 25421  | 0.29% | 0.035% |
| 277 | 16.541 | 16.514 | 16.551 | PV | 1306   | 18194  | 0.21% | 0.025% |
| 278 | 16.595 | 16.551 | 16.612 | VV | 2283   | 49860  | 0.57% | 0.068% |
| 279 | 16.632 | 16.612 | 16.652 | VV | 1455   | 19915  | 0.23% | 0.027% |
| 280 | 16.685 | 16.652 | 16.721 | VV | 2671   | 66667  | 0.76% | 0.092% |
| 281 | 16.761 | 16.721 | 16.799 | VV | 3883   | 69177  | 0.79% | 0.095% |
| 282 | 16.857 | 16.799 | 16.895 | VV | 14371  | 199611 | 2.27% | 0.274% |
| 283 | 16.911 | 16.895 | 16.949 | VV | 1678   | 31576  | 0.36% | 0.043% |
| 284 | 16.999 | 16.949 | 17.039 | VV | 3087   | 69499  | 0.79% | 0.095% |
| 285 | 17.056 | 17.039 | 17.064 | PV | 742    | 6766   | 0.08% | 0.009% |
| 286 | 17.096 | 17.064 | 17.113 | VV | 1232   | 24077  | 0.27% | 0.033% |
| 287 | 17.148 | 17.113 | 17.163 | VV | 2122   | 37098  | 0.42% | 0.051% |
| 288 | 17.181 | 17.163 | 17.203 | VV | 2222   | 42155  | 0.48% | 0.058% |
| 289 | 17.227 | 17.203 | 17.236 | VV | 3069   | 38249  | 0.44% | 0.053% |
| 290 | 17.254 | 17.236 | 17.266 | VV | 2903   | 41979  | 0.48% | 0.058% |
| 291 | 17.292 | 17.266 | 17.325 | VV | 14578  | 208185 | 2.37% | 0.286% |
| 292 | 17.380 | 17.325 | 17.408 | VV | 8410   | 185024 | 2.11% | 0.254% |
| 293 | 17.428 | 17.408 | 17.479 | VV | 3660   | 93099  | 1.06% | 0.128% |
| 294 | 17.495 | 17.479 | 17.519 | PV | 1571   | 25049  | 0.29% | 0.034% |
| 295 | 17.569 | 17.519 | 17.617 | VV | 3504   | 119997 | 1.37% | 0.165% |
| 296 | 17.623 | 17.617 | 17.632 | VV | 1517   | 10031  | 0.11% | 0.014% |
| 297 | 17.653 | 17.632 | 17.666 | VV | 1787   | 25386  | 0.29% | 0.035% |
| 298 | 17.714 | 17.666 | 17.732 | VV | 14662  | 239987 | 2.73% | 0.329% |
| 299 | 17.744 | 17.732 | 17.787 | VV | 7995   | 134752 | 1.53% | 0.185% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 17.794 | 17.787 | 17.811 | VV | 1888   | 19379   | 0.22%  | 0.027% |
| 301 | 17.833 | 17.811 | 17.864 | VV | 2691   | 56119   | 0.64%  | 0.077% |
| 302 | 17.872 | 17.864 | 17.888 | VV | 1552   | 14500   | 0.17%  | 0.020% |
| 303 | 17.909 | 17.888 | 17.924 | PV | 1390   | 19195   | 0.22%  | 0.026% |
| 304 | 17.978 | 17.924 | 18.001 | VV | 1887   | 32950   | 0.38%  | 0.045% |
| 305 | 18.086 | 18.001 | 18.099 | VV | 2428   | 22546   | 0.26%  | 0.031% |
| 306 | 18.121 | 18.099 | 18.145 | VV | 12398  | 160972  | 1.83%  | 0.221% |
| 307 | 18.167 | 18.145 | 18.192 | VV | 5515   | 75593   | 0.86%  | 0.104% |
| 308 | 18.216 | 18.192 | 18.236 | VV | 4535   | 78497   | 0.89%  | 0.108% |
| 309 | 18.243 | 18.236 | 18.276 | VV | 3038   | 42046   | 0.48%  | 0.058% |
| 310 | 18.354 | 18.276 | 18.369 | PV | 1990   | 46568   | 0.53%  | 0.064% |
| 311 | 18.450 | 18.369 | 18.472 | VV | 2252   | 89200   | 1.02%  | 0.122% |
| 312 | 18.517 | 18.472 | 18.547 | VV | 11393  | 278663  | 3.17%  | 0.383% |
| 313 | 18.564 | 18.547 | 18.586 | VV | 4715   | 74302   | 0.85%  | 0.102% |
| 314 | 18.596 | 18.586 | 18.604 | VV | 2029   | 18118   | 0.21%  | 0.025% |
| 315 | 18.631 | 18.604 | 18.644 | VV | 2750   | 52721   | 0.60%  | 0.072% |
| 316 | 18.672 | 18.644 | 18.682 | VV | 2774   | 53407   | 0.61%  | 0.073% |
| 317 | 18.711 | 18.682 | 18.720 | VV | 2763   | 44822   | 0.51%  | 0.062% |
| 318 | 18.773 | 18.720 | 18.786 | VV | 3009   | 72559   | 0.83%  | 0.100% |
| 319 | 18.805 | 18.786 | 18.825 | VV | 2644   | 45475   | 0.52%  | 0.062% |
| 320 | 18.837 | 18.825 | 18.854 | VV | 3427   | 43078   | 0.49%  | 0.059% |
| 321 | 18.901 | 18.854 | 18.947 | VV | 11784  | 350802  | 3.99%  | 0.482% |
| 322 | 18.970 | 18.947 | 18.986 | VV | 5621   | 97432   | 1.11%  | 0.134% |
| 323 | 19.042 | 18.986 | 19.064 | VV | 5909   | 214857  | 2.45%  | 0.295% |
| 324 | 19.082 | 19.064 | 19.102 | VV | 6099   | 105325  | 1.20%  | 0.145% |
| 325 | 19.123 | 19.102 | 19.131 | VV | 5438   | 81364   | 0.93%  | 0.112% |
| 326 | 19.157 | 19.131 | 19.169 | VV | 5096   | 109443  | 1.25%  | 0.150% |
| 327 | 19.202 | 19.169 | 19.220 | VV | 7306   | 193055  | 2.20%  | 0.265% |
| 328 | 19.229 | 19.220 | 19.242 | VV | 6612   | 74233   | 0.85%  | 0.102% |
| 329 | 19.273 | 19.242 | 19.300 | VV | 14203  | 330990  | 3.77%  | 0.454% |
| 330 | 19.316 | 19.300 | 19.347 | VV | 7218   | 174525  | 1.99%  | 0.240% |
| 331 | 19.393 | 19.347 | 19.419 | VV | 8714   | 304439  | 3.47%  | 0.418% |
| 332 | 19.496 | 19.419 | 19.522 | VV | 11438  | 510727  | 5.81%  | 0.701% |
| 333 | 19.546 | 19.522 | 19.559 | VV | 8382   | 164540  | 1.87%  | 0.226% |
| 334 | 19.603 | 19.559 | 19.612 | VV | 8879   | 251386  | 2.86%  | 0.345% |
| 335 | 19.640 | 19.612 | 19.667 | VV | 16863  | 423004  | 4.82%  | 0.581% |
| 336 | 19.755 | 19.667 | 19.774 | VV | 16077  | 887052  | 10.10% | 1.218% |
| 337 | 19.799 | 19.774 | 19.834 | VV | 17412  | 563354  | 6.41%  | 0.773% |
| 338 | 19.865 | 19.834 | 19.883 | VV | 14889  | 404712  | 4.61%  | 0.556% |
| 339 | 19.928 | 19.883 | 19.937 | VV | 14979  | 455854  | 5.19%  | 0.626% |
| 340 | 19.992 | 19.937 | 20.032 | VV | 24561  | 1095736 | 12.48% | 1.504% |
| 341 | 20.087 | 20.032 | 20.106 | VV | 23445  | 939008  | 10.69% | 1.289% |
| 342 | 20.124 | 20.106 | 20.144 | VV | 22701  | 476219  | 5.42%  | 0.654% |
| 343 | 20.167 | 20.144 | 20.184 | VV | 22070  | 493582  | 5.62%  | 0.678% |
| 344 | 20.209 | 20.184 | 20.236 | VV | 21921  | 655935  | 7.47%  | 0.900% |
| 345 | 20.337 | 20.236 | 20.369 | VV | 31952  | 1979281 | 22.53% | 2.717% |
| 346 | 20.384 | 20.369 | 20.424 | VV | 27404  | 852267  | 9.70%  | 1.170% |
| 347 | 20.435 | 20.424 | 20.462 | VV | 24904  | 534816  | 6.09%  | 0.734% |
| 348 | 20.467 | 20.462 | 20.473 | VV | 22404  | 145973  | 1.66%  | 0.200% |
| 349 | 20.483 | 20.473 | 20.506 | VV | 22910  | 425984  | 4.85%  | 0.585% |
| 350 | 20.512 | 20.506 | 20.554 | VV | 20559  | 542392  | 6.18%  | 0.745% |
| 351 | 20.563 | 20.554 | 20.586 | VV | 18084  | 320436  | 3.65%  | 0.440% |

|     |        |        |        |    |                         |          |       |        |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|
|     |        |        |        |    |                         | rteres   |       |        |
| 352 | 20.597 | 20.586 | 20.621 | VV | 16065                   | 323639   | 3.68% | 0.444% |
| 353 | 20.633 | 20.621 | 20.652 | VV | 15738                   | 281180   | 3.20% | 0.386% |
| 354 | 20.661 | 20.652 | 20.669 | VV | 14808                   | 141131   | 1.61% | 0.194% |
| 355 | 20.696 | 20.669 | 20.726 | VV | 18159                   | 501892   | 5.71% | 0.689% |
| 356 | 20.734 | 20.726 | 20.759 | VV | 12320                   | 219954   | 2.50% | 0.302% |
| 357 | 20.815 | 20.759 | 20.832 | VV | 14192                   | 543521   | 6.19% | 0.746% |
| 358 | 20.849 | 20.832 | 20.872 | VV | 14406                   | 299393   | 3.41% | 0.411% |
| 359 | 20.894 | 20.872 | 20.917 | VV | 12580                   | 297949   | 3.39% | 0.409% |
| 360 | 20.929 | 20.917 | 20.942 | VV | 9536                    | 132267   | 1.51% | 0.182% |
| 361 | 20.948 | 20.942 | 20.974 | VV | 8400                    | 120248   | 1.37% | 0.165% |
| 362 | 20.995 | 20.974 | 21.021 | VV | 5031                    | 110492   | 1.26% | 0.152% |
| 363 | 21.025 | 21.021 | 21.033 | VV | 2331                    | 16089    | 0.18% | 0.022% |
| 364 | 21.042 | 21.033 | 21.057 | VV | 2032                    | 20303    | 0.23% | 0.028% |
| 365 | 21.094 | 21.057 | 21.114 | PV | 6024                    | 118068   | 1.34% | 0.162% |
| 366 | 21.125 | 21.114 | 21.154 | VV | 3258                    | 36393    | 0.41% | 0.050% |
|     |        |        |        |    | Sum of corrected areas: | 72847796 |       |        |

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