

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051523AL\  
 Data File : FE041909.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 May 2023 10:23  
 Sample : 02760-01RE  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Title : GC Extractables

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         | 3.346       | 3.305        | 3.395      | BV       | 1416           | 20418        | 0.04%          | 0.011%        |
| 2         | 3.400       | 3.395        | 3.433      | VV       | 168            | 1511         | 0.00%          | 0.001%        |
| 3         | 3.465       | 3.433        | 3.475      | PV       | 201            | 2540         | 0.00%          | 0.001%        |
| 4         | 3.491       | 3.475        | 3.538      | VV       | 378            | 7140         | 0.01%          | 0.004%        |
| 5         | 3.560       | 3.538        | 3.579      | VV       | 223            | 4266         | 0.01%          | 0.002%        |
| 6         | 3.592       | 3.579        | 3.611      | VV       | 199            | 2654         | 0.00%          | 0.001%        |
| 7         | 3.629       | 3.611        | 3.642      | VV       | 324            | 3087         | 0.01%          | 0.002%        |
| 8         | 3.662       | 3.642        | 3.701      | VV       | 705            | 12659        | 0.02%          | 0.007%        |
| 9         | 3.724       | 3.701        | 3.772      | VV       | 504            | 12539        | 0.02%          | 0.007%        |
| 10        | 3.795       | 3.772        | 3.805      | VV       | 789            | 10053        | 0.02%          | 0.005%        |
| 11        | 3.815       | 3.805        | 3.845      | VV       | 689            | 12077        | 0.02%          | 0.006%        |
| 12        | 3.876       | 3.845        | 3.910      | VV       | 597            | 13080        | 0.02%          | 0.007%        |
| 13        | 3.930       | 3.910        | 3.946      | VV       | 1619           | 17693        | 0.03%          | 0.009%        |
| 14        | 3.954       | 3.946        | 3.970      | VV       | 604            | 5584         | 0.01%          | 0.003%        |
| 15        | 3.984       | 3.970        | 4.004      | VV       | 450            | 4380         | 0.01%          | 0.002%        |
| 16        | 4.032       | 4.004        | 4.048      | PV       | 852            | 12400        | 0.02%          | 0.006%        |
| 17        | 4.063       | 4.048        | 4.095      | VV       | 631            | 10834        | 0.02%          | 0.006%        |
| 18        | 4.138       | 4.095        | 4.155      | VV       | 1762           | 23478        | 0.04%          | 0.012%        |
| 19        | 4.173       | 4.155        | 4.197      | VV       | 1182           | 20239        | 0.04%          | 0.011%        |
| 20        | 4.221       | 4.197        | 4.232      | VV       | 726            | 13045        | 0.02%          | 0.007%        |
| 21        | 4.248       | 4.232        | 4.269      | VV       | 1264           | 16444        | 0.03%          | 0.009%        |
| 22        | 4.281       | 4.269        | 4.294      | VV       | 247            | 2627         | 0.00%          | 0.001%        |
| 23        | 4.322       | 4.294        | 4.353      | VV       | 2862           | 46981        | 0.08%          | 0.025%        |
| 24        | 4.370       | 4.353        | 4.405      | VV       | 1115           | 22064        | 0.04%          | 0.012%        |
| 25        | 4.412       | 4.405        | 4.455      | VV       | 613            | 9491         | 0.02%          | 0.005%        |
| 26        | 4.494       | 4.455        | 4.521      | PV       | 670            | 11202        | 0.02%          | 0.006%        |
| 27        | 4.540       | 4.521        | 4.564      | VV       | 1087           | 15315        | 0.03%          | 0.008%        |
| 28        | 4.599       | 4.564        | 4.621      | VV       | 4914           | 56405        | 0.10%          | 0.029%        |
| 29        | 4.637       | 4.621        | 4.655      | VV       | 1410           | 13883        | 0.03%          | 0.007%        |
| 30        | 4.676       | 4.655        | 4.695      | VV       | 1077           | 12564        | 0.02%          | 0.007%        |
| 31        | 4.714       | 4.695        | 4.739      | VV       | 514            | 7568         | 0.01%          | 0.004%        |
| 32        | 4.757       | 4.739        | 4.796      | VV       | 815            | 19422        | 0.04%          | 0.010%        |
| 33        | 4.814       | 4.796        | 4.834      | VV       | 974            | 16370        | 0.03%          | 0.009%        |
| 34        | 4.844       | 4.834        | 4.866      | VV       | 669            | 9662         | 0.02%          | 0.005%        |
| 35        | 4.884       | 4.866        | 4.898      | VV       | 2014           | 19483        | 0.04%          | 0.010%        |
| 36        | 4.909       | 4.898        | 4.924      | VV       | 1182           | 12415        | 0.02%          | 0.006%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.944 | 4.924 | 4.953 | VV | 1290   | 16616  | 0.03% | 0.009% |
| 38 | 4.965 | 4.953 | 4.994 | VV | 1631   | 23623  | 0.04% | 0.012% |
| 39 | 5.015 | 4.994 | 5.032 | VV | 2366   | 29891  | 0.05% | 0.016% |
| 40 | 5.060 | 5.032 | 5.082 | VV | 1970   | 35828  | 0.06% | 0.019% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.111 | 5.082 | 5.155 | VV | 3462   | 61362  | 0.11% | 0.032% |
| 42 | 5.179 | 5.155 | 5.201 | VV | 1623   | 20006  | 0.04% | 0.010% |
| 43 | 5.215 | 5.201 | 5.236 | VV | 819    | 9524   | 0.02% | 0.005% |
| 44 | 5.277 | 5.236 | 5.288 | VV | 1474   | 21405  | 0.04% | 0.011% |
| 45 | 5.307 | 5.288 | 5.334 | VV | 2974   | 45359  | 0.08% | 0.024% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.354 | 5.334 | 5.370 | VV | 2787   | 30475  | 0.05% | 0.016% |
| 47 | 5.385 | 5.370 | 5.401 | VV | 2848   | 30550  | 0.06% | 0.016% |
| 48 | 5.419 | 5.401 | 5.459 | VV | 2478   | 35860  | 0.06% | 0.019% |
| 49 | 5.474 | 5.459 | 5.498 | PV | 247    | 3783   | 0.01% | 0.002% |
| 50 | 5.541 | 5.498 | 5.563 | VV | 2169   | 42157  | 0.08% | 0.022% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.586 | 5.563 | 5.601 | VV | 2616   | 36336  | 0.07% | 0.019% |
| 52 | 5.615 | 5.601 | 5.633 | VV | 2743   | 31844  | 0.06% | 0.017% |
| 53 | 5.642 | 5.633 | 5.653 | VV | 880    | 8770   | 0.02% | 0.005% |
| 54 | 5.678 | 5.653 | 5.696 | VV | 1702   | 24971  | 0.05% | 0.013% |
| 55 | 5.738 | 5.696 | 5.785 | VV | 11885  | 204254 | 0.37% | 0.107% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.807 | 5.785 | 5.847 | VV | 1359   | 20804  | 0.04% | 0.011% |
| 57 | 5.867 | 5.847 | 5.879 | VV | 580    | 6487   | 0.01% | 0.003% |
| 58 | 5.892 | 5.879 | 5.901 | VV | 432    | 3682   | 0.01% | 0.002% |
| 59 | 5.924 | 5.901 | 5.978 | VV | 6261   | 94102  | 0.17% | 0.049% |
| 60 | 6.006 | 5.978 | 6.015 | VV | 2131   | 24999  | 0.05% | 0.013% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.031 | 6.015 | 6.077 | VV | 4941   | 108194 | 0.20% | 0.056% |
| 62 | 6.127 | 6.077 | 6.158 | VV | 5664   | 100568 | 0.18% | 0.052% |
| 63 | 6.170 | 6.158 | 6.189 | VV | 2214   | 28508  | 0.05% | 0.015% |
| 64 | 6.217 | 6.189 | 6.236 | VV | 2672   | 40486  | 0.07% | 0.021% |
| 65 | 6.269 | 6.236 | 6.290 | VV | 3303   | 62675  | 0.11% | 0.033% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.312 | 6.290 | 6.337 | VV | 3869   | 68852  | 0.12% | 0.036% |
| 67 | 6.366 | 6.337 | 6.388 | VV | 3718   | 72361  | 0.13% | 0.038% |
| 68 | 6.413 | 6.388 | 6.432 | VV | 3761   | 46771  | 0.08% | 0.024% |
| 69 | 6.455 | 6.432 | 6.467 | VV | 3992   | 56145  | 0.10% | 0.029% |
| 70 | 6.480 | 6.467 | 6.524 | VV | 5050   | 115676 | 0.21% | 0.060% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.541 | 6.524 | 6.572 | VV | 3515   | 64850  | 0.12% | 0.034% |
| 72 | 6.596 | 6.572 | 6.622 | VV | 4569   | 80865  | 0.15% | 0.042% |
| 73 | 6.645 | 6.622 | 6.656 | VV | 2269   | 34546  | 0.06% | 0.018% |
| 74 | 6.695 | 6.656 | 6.727 | VV | 6690   | 134594 | 0.24% | 0.070% |
| 75 | 6.769 | 6.727 | 6.820 | VV | 17647  | 263592 | 0.48% | 0.138% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.831 | 6.820 | 6.840 | VV | 1092   | 11214  | 0.02% | 0.006% |
| 77 | 6.858 | 6.840 | 6.869 | VV | 2373   | 28648  | 0.05% | 0.015% |
| 78 | 6.886 | 6.869 | 6.904 | VV | 3229   | 54999  | 0.10% | 0.029% |
| 79 | 6.922 | 6.904 | 6.951 | VV | 8142   | 117792 | 0.21% | 0.061% |
| 80 | 6.970 | 6.951 | 6.986 | VV | 4493   | 62309  | 0.11% | 0.033% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.996 | 6.986 | 7.009 | VV | 2576   | 27162  | 0.05% | 0.014% |
| 82 | 7.053 | 7.009 | 7.074 | VV | 7047   | 126640 | 0.23% | 0.066% |
| 83 | 7.115 | 7.074 | 7.148 | VV | 4648   | 115217 | 0.21% | 0.060% |
| 84 | 7.178 | 7.148 | 7.205 | VV | 15323  | 197893 | 0.36% | 0.103% |
| 85 | 7.252 | 7.205 | 7.267 | VV | 4412   | 93330  | 0.17% | 0.049% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.301 | 7.267 | 7.322 | VV | 7281   | 146654 | 0.26% | 0.077% |
| 87 | 7.344 | 7.322 | 7.370 | VV | 9525   | 129680 | 0.23% | 0.068% |
| 88 | 7.410 | 7.370 | 7.435 | VV | 9714   | 211760 | 0.38% | 0.110% |
| 89 | 7.449 | 7.435 | 7.470 | VV | 5394   | 74913  | 0.14% | 0.039% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 7.491 | 7.470 | 7.530 | VV | 10764  | 176333 | 0.32% | 0.092% |
| 91  | 7.551 | 7.530 | 7.574 | VV | 4673   | 89053  | 0.16% | 0.046% |
| 92  | 7.592 | 7.574 | 7.610 | VV | 4698   | 69530  | 0.13% | 0.036% |
| 93  | 7.624 | 7.610 | 7.654 | VV | 2910   | 65374  | 0.12% | 0.034% |
| 94  | 7.696 | 7.654 | 7.703 | VV | 16271  | 205493 | 0.37% | 0.107% |
| 95  | 7.718 | 7.703 | 7.742 | VV | 31020  | 361216 | 0.65% | 0.188% |
| 96  | 7.757 | 7.742 | 7.778 | VV | 5775   | 98445  | 0.18% | 0.051% |
| 97  | 7.788 | 7.778 | 7.828 | VV | 4706   | 106679 | 0.19% | 0.056% |
| 98  | 7.842 | 7.828 | 7.866 | VV | 2637   | 52888  | 0.10% | 0.028% |
| 99  | 7.893 | 7.866 | 7.930 | VV | 12264  | 242466 | 0.44% | 0.126% |
| 100 | 7.948 | 7.930 | 7.968 | VV | 5186   | 75747  | 0.14% | 0.040% |
| 101 | 7.989 | 7.968 | 8.001 | VV | 3437   | 46849  | 0.08% | 0.024% |
| 102 | 8.090 | 8.074 | 8.121 | VV | 5006   | 118143 | 0.21% | 0.062% |
| 103 | 8.152 | 8.121 | 8.168 | VV | 7219   | 140020 | 0.25% | 0.073% |
| 104 | 8.200 | 8.168 | 8.219 | VV | 6586   | 163790 | 0.30% | 0.085% |
| 105 | 8.243 | 8.219 | 8.266 | VV | 7770   | 133865 | 0.24% | 0.070% |
| 106 | 8.291 | 8.266 | 8.311 | VV | 8961   | 139682 | 0.25% | 0.073% |
| 107 | 8.331 | 8.311 | 8.341 | VV | 12273  | 153107 | 0.28% | 0.080% |
| 108 | 8.350 | 8.341 | 8.378 | VV | 11596  | 150262 | 0.27% | 0.078% |
| 109 | 8.418 | 8.378 | 8.457 | VV | 14187  | 280064 | 0.50% | 0.146% |
| 110 | 8.475 | 8.457 | 8.490 | VV | 3949   | 71035  | 0.13% | 0.037% |
| 111 | 8.527 | 8.490 | 8.541 | VV | 8279   | 199425 | 0.36% | 0.104% |
| 112 | 8.551 | 8.541 | 8.563 | VV | 7074   | 84396  | 0.15% | 0.044% |
| 113 | 8.599 | 8.563 | 8.627 | VV | 37339  | 565143 | 1.02% | 0.295% |
| 114 | 8.642 | 8.627 | 8.661 | VV | 7570   | 120225 | 0.22% | 0.063% |
| 115 | 8.705 | 8.661 | 8.730 | VV | 7423   | 217061 | 0.39% | 0.113% |
| 116 | 8.764 | 8.730 | 8.778 | VV | 8720   | 162571 | 0.29% | 0.085% |
| 117 | 8.789 | 8.778 | 8.804 | VV | 7425   | 91829  | 0.17% | 0.048% |
| 118 | 8.824 | 8.804 | 8.862 | VV | 10688  | 207376 | 0.37% | 0.108% |
| 119 | 8.974 | 8.944 | 8.987 | VV | 7034   | 153161 | 0.28% | 0.080% |
| 120 | 9.021 | 8.987 | 9.033 | VV | 7812   | 195520 | 0.35% | 0.102% |
| 121 | 9.051 | 9.033 | 9.075 | VV | 9095   | 190439 | 0.34% | 0.099% |
| 122 | 9.092 | 9.075 | 9.111 | VV | 7467   | 139450 | 0.25% | 0.073% |
| 123 | 9.138 | 9.111 | 9.165 | VV | 19660  | 323118 | 0.58% | 0.169% |
| 124 | 9.193 | 9.165 | 9.232 | VV | 7469   | 205386 | 0.37% | 0.107% |
| 125 | 9.249 | 9.232 | 9.271 | VV | 6688   | 126359 | 0.23% | 0.066% |
| 126 | 9.287 | 9.271 | 9.309 | VV | 6350   | 115876 | 0.21% | 0.060% |
| 127 | 9.322 | 9.309 | 9.333 | VV | 4061   | 57179  | 0.10% | 0.030% |
| 128 | 9.364 | 9.333 | 9.389 | VV | 6529   | 174731 | 0.32% | 0.091% |
| 129 | 9.426 | 9.389 | 9.451 | VV | 47944  | 634311 | 1.14% | 0.331% |
| 130 | 9.461 | 9.451 | 9.492 | VV | 6640   | 128914 | 0.23% | 0.067% |
| 131 | 9.512 | 9.492 | 9.540 | VV | 6205   | 133607 | 0.24% | 0.070% |
| 132 | 9.577 | 9.540 | 9.596 | VV | 5575   | 138127 | 0.25% | 0.072% |
| 133 | 9.630 | 9.596 | 9.642 | VV | 4626   | 107216 | 0.19% | 0.056% |
| 134 | 9.659 | 9.642 | 9.676 | VV | 6264   | 95992  | 0.17% | 0.050% |
| 135 | 9.683 | 9.676 | 9.695 | VV | 4098   | 43916  | 0.08% | 0.023% |
| 136 | 9.713 | 9.695 | 9.732 | VV | 6873   | 114140 | 0.21% | 0.060% |
| 137 | 9.755 | 9.732 | 9.775 | VV | 5493   | 120640 | 0.22% | 0.063% |
| 138 | 9.802 | 9.775 | 9.834 | VV | 12849  | 274146 | 0.49% | 0.143% |
| 139 | 9.848 | 9.834 | 9.857 | VV | 5975   | 74846  | 0.13% | 0.039% |
| 140 | 9.886 | 9.857 | 9.909 | VV | 9911   | 226852 | 0.41% | 0.118% |
| 141 | 9.934 | 9.909 | 9.954 | VV | 8718   | 163517 | 0.29% | 0.085% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.985  | 9.954  | 10.015 | VV | 8867   | 209866  | 0.38%  | 0.109% |
| 143 | 10.038 | 10.015 | 10.051 | VV | 4023   | 76891   | 0.14%  | 0.040% |
| 144 | 10.075 | 10.051 | 10.102 | VV | 21819  | 287319  | 0.52%  | 0.150% |
| 145 | 10.163 | 10.102 | 10.184 | VV | 8273   | 274131  | 0.49%  | 0.143% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.207 | 10.184 | 10.257 | VV | 53314  | 700431  | 1.26%  | 0.365% |
| 147 | 10.288 | 10.257 | 10.300 | VV | 4358   | 98624   | 0.18%  | 0.051% |
| 148 | 10.312 | 10.300 | 10.357 | VV | 4400   | 100251  | 0.18%  | 0.052% |
| 149 | 10.383 | 10.357 | 10.409 | VV | 4628   | 95979   | 0.17%  | 0.050% |
| 150 | 10.419 | 10.409 | 10.432 | VV | 2612   | 35144   | 0.06%  | 0.018% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.451 | 10.432 | 10.464 | VV | 2761   | 48033   | 0.09%  | 0.025% |
| 152 | 10.481 | 10.464 | 10.501 | VV | 3684   | 65974   | 0.12%  | 0.034% |
| 153 | 10.553 | 10.501 | 10.569 | VV | 6775   | 168755  | 0.30%  | 0.088% |
| 154 | 10.596 | 10.569 | 10.625 | VV | 20973  | 362810  | 0.65%  | 0.189% |
| 155 | 10.647 | 10.625 | 10.666 | VV | 7366   | 132083  | 0.24%  | 0.069% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.684 | 10.666 | 10.707 | VV | 8638   | 144055  | 0.26%  | 0.075% |
| 157 | 10.741 | 10.707 | 10.772 | VV | 8419   | 181100  | 0.33%  | 0.094% |
| 158 | 10.794 | 10.772 | 10.807 | VV | 3123   | 52715   | 0.10%  | 0.028% |
| 159 | 10.855 | 10.807 | 10.910 | VV | 5174   | 222428  | 0.40%  | 0.116% |
| 160 | 10.947 | 10.910 | 10.980 | VV | 51324  | 708047  | 1.28%  | 0.369% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.019 | 10.980 | 11.049 | VV | 21495  | 434860  | 0.78%  | 0.227% |
| 162 | 11.068 | 11.049 | 11.100 | VV | 4486   | 98617   | 0.18%  | 0.051% |
| 163 | 11.164 | 11.100 | 11.179 | VV | 3020   | 105939  | 0.19%  | 0.055% |
| 164 | 11.203 | 11.179 | 11.247 | VV | 20546  | 303024  | 0.55%  | 0.158% |
| 165 | 11.278 | 11.247 | 11.307 | VV | 10455  | 214120  | 0.39%  | 0.112% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.339 | 11.307 | 11.381 | VV | 7615   | 207787  | 0.37%  | 0.108% |
| 167 | 11.402 | 11.381 | 11.435 | VV | 5951   | 110387  | 0.20%  | 0.058% |
| 168 | 11.455 | 11.435 | 11.475 | VV | 5594   | 79841   | 0.14%  | 0.042% |
| 169 | 11.496 | 11.475 | 11.535 | VV | 3802   | 87399   | 0.16%  | 0.046% |
| 170 | 11.580 | 11.535 | 11.623 | VV | 3062   | 127098  | 0.23%  | 0.066% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.651 | 11.623 | 11.688 | VV | 46207  | 590826  | 1.07%  | 0.308% |
| 172 | 11.698 | 11.688 | 11.712 | VV | 3755   | 48874   | 0.09%  | 0.025% |
| 173 | 11.743 | 11.712 | 11.782 | VV | 16516  | 282962  | 0.51%  | 0.148% |
| 174 | 11.804 | 11.782 | 11.826 | VV | 2048   | 39178   | 0.07%  | 0.020% |
| 175 | 11.853 | 11.826 | 11.873 | VV | 2516   | 45357   | 0.08%  | 0.024% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.897 | 11.873 | 11.923 | VV | 3009   | 63452   | 0.11%  | 0.033% |
| 177 | 11.975 | 11.923 | 12.023 | VV | 712824 | 7874120 | 14.20% | 4.108% |
| 178 | 12.043 | 12.023 | 12.070 | VV | 8393   | 137428  | 0.25%  | 0.072% |
| 179 | 12.086 | 12.070 | 12.107 | VV | 4271   | 70056   | 0.13%  | 0.037% |
| 180 | 12.130 | 12.107 | 12.148 | VV | 5446   | 100658  | 0.18%  | 0.053% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.157 | 12.148 | 12.171 | VV | 3397   | 38978   | 0.07%  | 0.020% |
| 182 | 12.209 | 12.171 | 12.239 | VV | 9179   | 164917  | 0.30%  | 0.086% |
| 183 | 12.261 | 12.239 | 12.277 | VV | 2183   | 32984   | 0.06%  | 0.017% |
| 184 | 12.321 | 12.277 | 12.344 | VV | 39132  | 532732  | 0.96%  | 0.278% |
| 185 | 12.376 | 12.344 | 12.462 | VV | 579066 | 6844552 | 12.34% | 3.571% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.478 | 12.462 | 12.496 | VV | 2116   | 24351   | 0.04%  | 0.013% |
| 187 | 12.576 | 12.496 | 12.633 | PV | 120516 | 1651797 | 2.98%  | 0.862% |
| 188 | 12.655 | 12.633 | 12.677 | VV | 12092  | 161211  | 0.29%  | 0.084% |
| 189 | 12.695 | 12.677 | 12.711 | VV | 3661   | 65684   | 0.12%  | 0.034% |
| 190 | 12.729 | 12.711 | 12.768 | VV | 5335   | 107370  | 0.19%  | 0.056% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.807 | 12.768 | 12.828 | VV | 10267  | 178622  | 0.32%  | 0.093% |
| 192 | 12.842 | 12.828 | 12.870 | VV | 4534   | 68941   | 0.12%  | 0.036% |
| 193 | 12.908 | 12.870 | 12.929 | VV | 4869   | 92950   | 0.17%  | 0.048% |
| 194 | 12.961 | 12.929 | 12.991 | VV | 34248  | 450210  | 0.81%  | 0.235% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 13.024 | 12.991 | 13.094 | VV | 34241   | 503388   | 0.91%   | 0.263%  |
| 196 | 13.109 | 13.094 | 13.120 | VV | 1061    | 13485    | 0.02%   | 0.007%  |
| 197 | 13.131 | 13.120 | 13.142 | VV | 1058    | 11816    | 0.02%   | 0.006%  |
| 198 | 13.154 | 13.142 | 13.171 | VV | 1196    | 12928    | 0.02%   | 0.007%  |
| 199 | 13.218 | 13.171 | 13.254 | VV | 3858    | 84500    | 0.15%   | 0.044%  |
| 200 | 13.263 | 13.254 | 13.300 | VV | 1951    | 37200    | 0.07%   | 0.019%  |
| 201 | 13.324 | 13.300 | 13.358 | PV | 26746   | 315521   | 0.57%   | 0.165%  |
| 202 | 13.420 | 13.358 | 13.446 | VV | 2867167 | 55460045 | 100.00% | 28.933% |
| 203 | 13.468 | 13.446 | 13.532 | VV | 1729822 | 22510797 | 40.59%  | 11.744% |
| 204 | 13.545 | 13.532 | 13.555 | VV | 3782    | 43791    | 0.08%   | 0.023%  |
| 205 | 13.610 | 13.555 | 13.620 | VV | 307732  | 4954129  | 8.93%   | 2.584%  |
| 206 | 13.632 | 13.620 | 13.711 | VV | 356631  | 6147996  | 11.09%  | 3.207%  |
| 207 | 13.722 | 13.711 | 13.744 | VV | 5746    | 92040    | 0.17%   | 0.048%  |
| 208 | 13.753 | 13.744 | 13.768 | VV | 3314    | 45865    | 0.08%   | 0.024%  |
| 209 | 13.805 | 13.768 | 13.835 | VV | 41004   | 572135   | 1.03%   | 0.298%  |
| 210 | 13.856 | 13.835 | 13.876 | VV | 6574    | 122580   | 0.22%   | 0.064%  |
| 211 | 13.884 | 13.876 | 13.895 | VV | 3549    | 41204    | 0.07%   | 0.021%  |
| 212 | 13.923 | 13.895 | 13.947 | VV | 16886   | 265103   | 0.48%   | 0.138%  |
| 213 | 13.964 | 13.947 | 13.983 | VV | 4813    | 82178    | 0.15%   | 0.043%  |
| 214 | 13.998 | 13.983 | 14.013 | VV | 3875    | 56879    | 0.10%   | 0.030%  |
| 215 | 14.033 | 14.013 | 14.049 | VV | 5638    | 88487    | 0.16%   | 0.046%  |
| 216 | 14.068 | 14.049 | 14.086 | VV | 5038    | 89523    | 0.16%   | 0.047%  |
| 217 | 14.110 | 14.086 | 14.135 | VV | 4339    | 95420    | 0.17%   | 0.050%  |
| 218 | 14.161 | 14.135 | 14.184 | VV | 22183   | 321320   | 0.58%   | 0.168%  |
| 219 | 14.199 | 14.184 | 14.226 | VV | 9347    | 165824   | 0.30%   | 0.087%  |
| 220 | 14.275 | 14.226 | 14.334 | VV | 6355    | 223466   | 0.40%   | 0.117%  |
| 221 | 14.375 | 14.334 | 14.384 | VV | 5311    | 75965    | 0.14%   | 0.040%  |
| 222 | 14.395 | 14.384 | 14.416 | VV | 5235    | 76297    | 0.14%   | 0.040%  |
| 223 | 14.444 | 14.416 | 14.453 | VV | 11203   | 160952   | 0.29%   | 0.084%  |
| 224 | 14.462 | 14.453 | 14.488 | VV | 10979   | 142863   | 0.26%   | 0.075%  |
| 225 | 14.498 | 14.488 | 14.510 | VV | 2615    | 29270    | 0.05%   | 0.015%  |
| 226 | 14.533 | 14.510 | 14.540 | VV | 3477    | 51355    | 0.09%   | 0.027%  |
| 227 | 14.568 | 14.540 | 14.583 | VV | 7135    | 135681   | 0.24%   | 0.071%  |
| 228 | 14.615 | 14.583 | 14.634 | VV | 18025   | 319379   | 0.58%   | 0.167%  |
| 229 | 14.647 | 14.634 | 14.695 | VV | 8354    | 145812   | 0.26%   | 0.076%  |
| 230 | 14.723 | 14.695 | 14.748 | VV | 19863   | 265737   | 0.48%   | 0.139%  |
| 231 | 14.779 | 14.748 | 14.809 | VV | 36459   | 526167   | 0.95%   | 0.274%  |
| 232 | 14.835 | 14.809 | 14.870 | VV | 8345    | 167616   | 0.30%   | 0.087%  |
| 233 | 14.892 | 14.870 | 14.913 | VV | 8137    | 107126   | 0.19%   | 0.056%  |
| 234 | 14.946 | 14.913 | 14.992 | VV | 3599    | 94883    | 0.17%   | 0.049%  |
| 235 | 15.013 | 14.992 | 15.037 | VV | 1768    | 30163    | 0.05%   | 0.016%  |
| 236 | 15.075 | 15.037 | 15.132 | VV | 2344    | 82128    | 0.15%   | 0.043%  |
| 237 | 15.153 | 15.132 | 15.169 | VV | 2642    | 35565    | 0.06%   | 0.019%  |
| 238 | 15.203 | 15.169 | 15.222 | VV | 16316   | 227694   | 0.41%   | 0.119%  |
| 239 | 15.247 | 15.222 | 15.288 | VV | 21216   | 485686   | 0.88%   | 0.253%  |
| 240 | 15.315 | 15.288 | 15.334 | VV | 3831    | 78530    | 0.14%   | 0.041%  |
| 241 | 15.362 | 15.334 | 15.391 | VV | 4678    | 106404   | 0.19%   | 0.056%  |
| 242 | 15.409 | 15.391 | 15.431 | VV | 2839    | 49299    | 0.09%   | 0.026%  |
| 243 | 15.448 | 15.431 | 15.482 | VV | 2246    | 40664    | 0.07%   | 0.021%  |
| 244 | 15.510 | 15.482 | 15.529 | PV | 2911    | 48975    | 0.09%   | 0.026%  |
| 245 | 15.537 | 15.529 | 15.558 | VV | 1876    | 26222    | 0.05%   | 0.014%  |
| 246 | 15.577 | 15.558 | 15.618 | VV | 1441    | 31013    | 0.06%   | 0.016%  |

| rteres |        |        |        |    |       |        |       |        |
|--------|--------|--------|--------|----|-------|--------|-------|--------|
| 247    | 15.648 | 15.618 | 15.735 | VV | 20426 | 410460 | 0.74% | 0.214% |
| 248    | 15.784 | 15.735 | 15.813 | VV | 11577 | 167622 | 0.30% | 0.087% |
| 249    | 15.842 | 15.813 | 15.897 | VV | 29369 | 508459 | 0.92% | 0.265% |
| 250    | 15.916 | 15.897 | 15.945 | VV | 3742  | 49836  | 0.09% | 0.026% |
|        |        |        |        |    |       |        |       |        |
| 251    | 15.959 | 15.945 | 15.990 | PV | 1097  | 18664  | 0.03% | 0.010% |
| 252    | 16.041 | 15.990 | 16.068 | VV | 3389  | 84452  | 0.15% | 0.044% |
| 253    | 16.081 | 16.068 | 16.093 | VV | 1070  | 11960  | 0.02% | 0.006% |
| 254    | 16.112 | 16.093 | 16.138 | VV | 1500  | 22428  | 0.04% | 0.012% |
| 255    | 16.175 | 16.138 | 16.192 | VV | 2292  | 41743  | 0.08% | 0.022% |
|        |        |        |        |    |       |        |       |        |
| 256    | 16.211 | 16.192 | 16.227 | VV | 2332  | 35370  | 0.06% | 0.018% |
| 257    | 16.237 | 16.227 | 16.255 | VV | 1600  | 20781  | 0.04% | 0.011% |
| 258    | 16.287 | 16.255 | 16.331 | VV | 10951 | 215097 | 0.39% | 0.112% |
| 259    | 16.344 | 16.331 | 16.377 | VV | 4466  | 67971  | 0.12% | 0.035% |
| 260    | 16.403 | 16.377 | 16.435 | VV | 1092  | 23380  | 0.04% | 0.012% |
|        |        |        |        |    |       |        |       |        |
| 261    | 16.475 | 16.435 | 16.520 | PV | 2942  | 92429  | 0.17% | 0.048% |
| 262    | 16.539 | 16.520 | 16.551 | VV | 1680  | 23381  | 0.04% | 0.012% |
| 263    | 16.586 | 16.551 | 16.611 | VV | 3100  | 73858  | 0.13% | 0.039% |
| 264    | 16.670 | 16.611 | 16.708 | VV | 5094  | 151010 | 0.27% | 0.079% |
| 265    | 16.764 | 16.708 | 16.807 | PV | 27185 | 502944 | 0.91% | 0.262% |
|        |        |        |        |    |       |        |       |        |
| 266    | 16.830 | 16.807 | 16.855 | VV | 10338 | 163792 | 0.30% | 0.085% |
| 267    | 16.893 | 16.855 | 16.915 | VV | 6503  | 129632 | 0.23% | 0.068% |
| 268    | 16.934 | 16.915 | 16.965 | VV | 3837  | 82313  | 0.15% | 0.043% |
| 269    | 16.983 | 16.965 | 17.017 | VV | 2982  | 69630  | 0.13% | 0.036% |
| 270    | 17.084 | 17.017 | 17.108 | VV | 11626 | 252905 | 0.46% | 0.132% |
|        |        |        |        |    |       |        |       |        |
| 271    | 17.141 | 17.108 | 17.173 | VV | 13486 | 201693 | 0.36% | 0.105% |
| 272    | 17.237 | 17.173 | 17.271 | PV | 14841 | 309917 | 0.56% | 0.162% |
| 273    | 17.292 | 17.271 | 17.331 | VV | 4950  | 123855 | 0.22% | 0.065% |
| 274    | 17.406 | 17.331 | 17.418 | VV | 2238  | 79896  | 0.14% | 0.042% |
| 275    | 17.454 | 17.418 | 17.468 | VV | 3027  | 62211  | 0.11% | 0.032% |
|        |        |        |        |    |       |        |       |        |
| 276    | 17.488 | 17.468 | 17.507 | VV | 4609  | 71804  | 0.13% | 0.037% |
| 277    | 17.517 | 17.507 | 17.531 | VV | 3026  | 34408  | 0.06% | 0.018% |
| 278    | 17.553 | 17.531 | 17.586 | VV | 4672  | 106337 | 0.19% | 0.055% |
| 279    | 17.605 | 17.586 | 17.618 | VV | 3612  | 51714  | 0.09% | 0.027% |
| 280    | 17.631 | 17.618 | 17.642 | VV | 4046  | 53808  | 0.10% | 0.028% |
|        |        |        |        |    |       |        |       |        |
| 281    | 17.685 | 17.642 | 17.709 | VV | 13361 | 258809 | 0.47% | 0.135% |
| 282    | 17.729 | 17.709 | 17.748 | VV | 3942  | 67715  | 0.12% | 0.035% |
| 283    | 17.758 | 17.748 | 17.781 | VV | 3380  | 50116  | 0.09% | 0.026% |
| 284    | 17.807 | 17.781 | 17.837 | VV | 5184  | 96921  | 0.17% | 0.051% |
| 285    | 17.863 | 17.837 | 17.893 | VV | 3824  | 61816  | 0.11% | 0.032% |
|        |        |        |        |    |       |        |       |        |
| 286    | 17.901 | 17.893 | 17.920 | VV | 1395  | 14216  | 0.03% | 0.007% |
| 287    | 17.932 | 17.920 | 17.946 | VV | 1844  | 18168  | 0.03% | 0.009% |
| 288    | 17.959 | 17.946 | 17.971 | VV | 1760  | 19026  | 0.03% | 0.010% |
| 289    | 17.986 | 17.971 | 18.000 | VV | 2207  | 18597  | 0.03% | 0.010% |
| 290    | 18.031 | 18.000 | 18.048 | PV | 4466  | 70990  | 0.13% | 0.037% |
|        |        |        |        |    |       |        |       |        |
| 291    | 18.125 | 18.048 | 18.152 | VV | 16939 | 380198 | 0.69% | 0.198% |
| 292    | 18.210 | 18.152 | 18.241 | VV | 3955  | 137017 | 0.25% | 0.071% |
| 293    | 18.277 | 18.241 | 18.344 | VV | 16577 | 463134 | 0.84% | 0.242% |
| 294    | 18.367 | 18.344 | 18.390 | VV | 4007  | 80996  | 0.15% | 0.042% |
| 295    | 18.451 | 18.390 | 18.463 | VV | 7874  | 199050 | 0.36% | 0.104% |
|        |        |        |        |    |       |        |       |        |
| 296    | 18.487 | 18.463 | 18.501 | VV | 16058 | 283333 | 0.51% | 0.148% |
| 297    | 18.509 | 18.501 | 18.528 | VV | 16282 | 208604 | 0.38% | 0.109% |
| 298    | 18.547 | 18.528 | 18.583 | VV | 17016 | 293754 | 0.53% | 0.153% |
| 299    | 18.607 | 18.583 | 18.621 | VV | 4991  | 93096  | 0.17% | 0.049% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 18.644 | 18.621 | 18.665 | VV | 16163  | 271393  | 0.49% | 0.142% |
| 301 | 18.676 | 18.665 | 18.738 | VV | 8678   | 237836  | 0.43% | 0.124% |
| 302 | 18.765 | 18.738 | 18.785 | VV | 13591  | 217432  | 0.39% | 0.113% |
| 303 | 18.797 | 18.785 | 18.825 | VV | 5739   | 122309  | 0.22% | 0.064% |
| 304 | 18.848 | 18.825 | 18.878 | VV | 5961   | 165456  | 0.30% | 0.086% |
| 305 | 18.955 | 18.878 | 18.992 | VV | 19489  | 598608  | 1.08% | 0.312% |
| 306 | 19.071 | 18.992 | 19.096 | VV | 14893  | 556798  | 1.00% | 0.290% |
| 307 | 19.116 | 19.096 | 19.181 | VV | 15546  | 516218  | 0.93% | 0.269% |
| 308 | 19.241 | 19.181 | 19.260 | VV | 11970  | 480655  | 0.87% | 0.251% |
| 309 | 19.320 | 19.260 | 19.336 | VV | 24235  | 734388  | 1.32% | 0.383% |
| 310 | 19.353 | 19.336 | 19.383 | VV | 26095  | 580470  | 1.05% | 0.303% |
| 311 | 19.398 | 19.383 | 19.430 | VV | 18542  | 430808  | 0.78% | 0.225% |
| 312 | 19.467 | 19.430 | 19.518 | VV | 18132  | 797297  | 1.44% | 0.416% |
| 313 | 19.542 | 19.518 | 19.555 | VV | 15618  | 314891  | 0.57% | 0.164% |
| 314 | 19.579 | 19.555 | 19.607 | VV | 15721  | 476500  | 0.86% | 0.249% |
| 315 | 19.631 | 19.607 | 19.660 | VV | 16753  | 493675  | 0.89% | 0.258% |
| 316 | 19.740 | 19.660 | 19.760 | VV | 27506  | 1162237 | 2.10% | 0.606% |
| 317 | 19.781 | 19.760 | 19.827 | VV | 22999  | 845537  | 1.52% | 0.441% |
| 318 | 19.859 | 19.827 | 19.886 | VV | 24685  | 787944  | 1.42% | 0.411% |
| 319 | 19.932 | 19.886 | 19.941 | VV | 24460  | 745981  | 1.35% | 0.389% |
| 320 | 20.003 | 19.941 | 20.041 | VV | 25963  | 1440984 | 2.60% | 0.752% |
| 321 | 20.050 | 20.041 | 20.061 | VV | 24176  | 287175  | 0.52% | 0.150% |
| 322 | 20.114 | 20.061 | 20.138 | VV | 38951  | 1465103 | 2.64% | 0.764% |
| 323 | 20.146 | 20.138 | 20.157 | VV | 31122  | 351294  | 0.63% | 0.183% |
| 324 | 20.174 | 20.157 | 20.191 | VV | 32255  | 627384  | 1.13% | 0.327% |
| 325 | 20.242 | 20.191 | 20.253 | VV | 30395  | 1066318 | 1.92% | 0.556% |
| 326 | 20.303 | 20.253 | 20.318 | VV | 35299  | 1277507 | 2.30% | 0.666% |
| 327 | 20.397 | 20.318 | 20.421 | VV | 45492  | 2352825 | 4.24% | 1.227% |
| 328 | 20.484 | 20.421 | 20.523 | VV | 48033  | 2483212 | 4.48% | 1.295% |
| 329 | 20.569 | 20.523 | 20.578 | VV | 44095  | 1324502 | 2.39% | 0.691% |
| 330 | 20.595 | 20.578 | 20.605 | VV | 43245  | 678865  | 1.22% | 0.354% |
| 331 | 20.651 | 20.605 | 20.664 | VV | 51000  | 1707768 | 3.08% | 0.891% |
| 332 | 20.705 | 20.664 | 20.726 | VV | 52181  | 1853590 | 3.34% | 0.967% |
| 333 | 20.735 | 20.726 | 20.751 | VV | 48021  | 711719  | 1.28% | 0.371% |
| 334 | 20.765 | 20.751 | 20.781 | VV | 45663  | 793059  | 1.43% | 0.414% |
| 335 | 20.845 | 20.781 | 20.940 | VV | 55841  | 4519154 | 8.15% | 2.358% |
| 336 | 20.964 | 20.940 | 20.994 | VV | 44770  | 1397494 | 2.52% | 0.729% |
| 337 | 21.003 | 20.994 | 21.015 | VV | 41272  | 533081  | 0.96% | 0.278% |
| 338 | 21.023 | 21.015 | 21.051 | VV | 40184  | 810553  | 1.46% | 0.423% |
| 339 | 21.066 | 21.051 | 21.078 | VV | 37270  | 587411  | 1.06% | 0.306% |
| 340 | 21.085 | 21.078 | 21.107 | VV | 35432  | 595311  | 1.07% | 0.311% |
| 341 | 21.131 | 21.107 | 21.147 | VV | 37051  | 839507  | 1.51% | 0.438% |
| 342 | 21.170 | 21.147 | 21.191 | VV | 37026  | 927871  | 1.67% | 0.484% |
| 343 | 21.240 | 21.191 | 21.314 | VV | 41836  | 2541862 | 4.58% | 1.326% |
| 344 | 21.327 | 21.314 | 21.355 | VV | 29433  | 700331  | 1.26% | 0.365% |
| 345 | 21.357 | 21.355 | 21.391 | VV | 28954  | 608953  | 1.10% | 0.318% |
| 346 | 21.431 | 21.391 | 21.448 | VV | 26900  | 892916  | 1.61% | 0.466% |
| 347 | 21.454 | 21.448 | 21.481 | VV | 25815  | 490679  | 0.88% | 0.256% |
| 348 | 21.498 | 21.481 | 21.533 | VV | 24901  | 739770  | 1.33% | 0.386% |
| 349 | 21.551 | 21.533 | 21.598 | VV | 24193  | 873962  | 1.58% | 0.456% |
| 350 | 21.611 | 21.598 | 21.627 | VV | 21527  | 350466  | 0.63% | 0.183% |
| 351 | 21.638 | 21.627 | 21.647 | VV | 19545  | 226368  | 0.41% | 0.118% |

|     |        |        |        |    |                         |        |           |        |
|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|
|     |        |        |        |    |                         | rteres |           |        |
| 352 | 21.677 | 21.647 | 21.718 | VV | 23798                   | 862139 | 1.55%     | 0.450% |
| 353 | 21.778 | 21.718 | 21.789 | VV | 18083                   | 696108 | 1.26%     | 0.363% |
| 354 | 21.798 | 21.789 | 21.815 | VV | 16429                   | 246252 | 0.44%     | 0.128% |
| 355 | 21.821 | 21.815 | 21.852 | VV | 15432                   | 315013 | 0.57%     | 0.164% |
| 356 | 21.890 | 21.852 | 21.908 | VV | 13629                   | 427550 | 0.77%     | 0.223% |
| 357 | 21.931 | 21.908 | 21.958 | VV | 13468                   | 358957 | 0.65%     | 0.187% |
| 358 | 21.974 | 21.958 | 22.008 | VV | 11344                   | 302013 | 0.54%     | 0.158% |
| 359 | 22.018 | 22.008 | 22.051 | VV | 9697                    | 210221 | 0.38%     | 0.110% |
| 360 | 22.060 | 22.051 | 22.075 | VV | 5852                    | 75709  | 0.14%     | 0.039% |
| 361 | 22.106 | 22.075 | 22.135 | VV | 6184                    | 183585 | 0.33%     | 0.096% |
| 362 | 22.179 | 22.135 | 22.262 | VV | 10991                   | 416805 | 0.75%     | 0.217% |
|     |        |        |        |    | Sum of corrected areas: |        | 191686748 |        |

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