

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040320AL\  
 Data File : FC046621.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Apr 2020 13:13  
 Sample : L2129-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.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         | 3.543       | 3.496        | 3.565      | BV       | 206            | 2130         | 0.01%          | 0.001%        |
| 2         | 3.573       | 3.565        | 3.597      | VV       | 138            | 1483         | 0.01%          | 0.001%        |
| 3         | 3.608       | 3.597        | 3.627      | VV       | 114            | 1257         | 0.01%          | 0.001%        |
| 4         | 3.642       | 3.627        | 3.664      | PV       | 115            | 1525         | 0.01%          | 0.001%        |
| 5         | 3.674       | 3.664        | 3.716      | VV       | 124            | 2579         | 0.01%          | 0.001%        |
| 6         | 3.749       | 3.731        | 3.786      | VV       | 144            | 3078         | 0.02%          | 0.001%        |
| 7         | 3.801       | 3.786        | 3.844      | VV       | 174            | 3707         | 0.02%          | 0.002%        |
| 8         | 3.853       | 3.844        | 3.892      | VV       | 175            | 3229         | 0.02%          | 0.001%        |
| 9         | 3.900       | 3.892        | 3.914      | VV       | 118            | 1104         | 0.01%          | 0.001%        |
| 10        | 3.930       | 3.914        | 3.944      | VV       | 133            | 1815         | 0.01%          | 0.001%        |
| 11        | 3.972       | 3.956        | 4.034      | VV       | 189            | 4434         | 0.02%          | 0.002%        |
| 12        | 4.045       | 4.034        | 4.086      | VV       | 137            | 3492         | 0.02%          | 0.002%        |
| 13        | 4.091       | 4.086        | 4.108      | VV       | 184            | 1437         | 0.01%          | 0.001%        |
| 14        | 4.138       | 4.108        | 4.172      | VV       | 188            | 4336         | 0.02%          | 0.002%        |
| 15        | 4.209       | 4.172        | 4.242      | VV       | 148            | 3260         | 0.02%          | 0.001%        |
| 16        | 4.250       | 4.242        | 4.291      | VV       | 131            | 2936         | 0.02%          | 0.001%        |
| 17        | 4.313       | 4.291        | 4.327      | VV       | 166            | 2083         | 0.01%          | 0.001%        |
| 18        | 4.336       | 4.327        | 4.357      | VV       | 151            | 1835         | 0.01%          | 0.001%        |
| 19        | 4.389       | 4.357        | 4.414      | VV       | 252            | 6989         | 0.04%          | 0.003%        |
| 20        | 4.421       | 4.414        | 4.454      | VV       | 206            | 3623         | 0.02%          | 0.002%        |
| 21        | 4.483       | 4.454        | 4.508      | VV       | 166            | 3015         | 0.02%          | 0.001%        |
| 22        | 4.537       | 4.508        | 4.560      | VV       | 142            | 2393         | 0.01%          | 0.001%        |
| 23        | 4.613       | 4.582        | 4.671      | VV       | 328            | 5454         | 0.03%          | 0.002%        |
| 24        | 4.693       | 4.671        | 4.711      | VV       | 160            | 1824         | 0.01%          | 0.001%        |
| 25        | 4.769       | 4.730        | 4.828      | VV       | 877            | 14685        | 0.08%          | 0.007%        |
| 26        | 4.850       | 4.828        | 4.957      | VV       | 806            | 23867        | 0.12%          | 0.011%        |
| 27        | 4.985       | 4.957        | 5.017      | VV       | 174            | 3814         | 0.02%          | 0.002%        |
| 28        | 5.026       | 5.017        | 5.062      | VV       | 149            | 2631         | 0.01%          | 0.001%        |
| 29        | 5.071       | 5.062        | 5.087      | PV       | 137            | 1374         | 0.01%          | 0.001%        |
| 30        | 5.100       | 5.087        | 5.139      | VV       | 243            | 3507         | 0.02%          | 0.002%        |
| 31        | 5.161       | 5.153        | 5.204      | VV       | 111            | 2016         | 0.01%          | 0.001%        |
| 32        | 5.214       | 5.204        | 5.224      | VV       | 125            | 1270         | 0.01%          | 0.001%        |
| 33        | 5.242       | 5.224        | 5.279      | VV       | 387            | 5549         | 0.03%          | 0.003%        |
| 34        | 5.302       | 5.279        | 5.327      | VV       | 295            | 4331         | 0.02%          | 0.002%        |
| 35        | 5.357       | 5.327        | 5.410      | VV       | 207            | 5791         | 0.03%          | 0.003%        |
| 36        | 5.431       | 5.410        | 5.463      | VV       | 196            | 4161         | 0.02%          | 0.002%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.494 | 5.463 | 5.515 | VV | 200    | 4348   | 0.02% | 0.002% |
| 38 | 5.530 | 5.515 | 5.597 | VV | 157    | 4598   | 0.02% | 0.002% |
| 39 | 5.617 | 5.597 | 5.629 | VV | 158    | 1810   | 0.01% | 0.001% |
| 40 | 5.646 | 5.629 | 5.674 | VV | 246    | 4201   | 0.02% | 0.002% |
| 41 | 5.686 | 5.674 | 5.704 | VV | 354    | 4064   | 0.02% | 0.002% |
| 42 | 5.737 | 5.704 | 5.781 | VV | 201    | 4381   | 0.02% | 0.002% |
| 43 | 5.828 | 5.781 | 5.874 | PV | 230    | 5698   | 0.03% | 0.003% |
| 44 | 5.886 | 5.874 | 5.910 | VV | 103    | 1563   | 0.01% | 0.001% |
| 45 | 5.944 | 5.910 | 5.956 | VV | 429    | 7280   | 0.04% | 0.003% |
| 46 | 5.992 | 5.956 | 6.054 | VV | 475    | 14755  | 0.08% | 0.007% |
| 47 | 6.057 | 6.054 | 6.082 | VV | 164    | 1180   | 0.01% | 0.001% |
| 48 | 6.112 | 6.082 | 6.160 | VV | 268    | 6223   | 0.03% | 0.003% |
| 49 | 6.220 | 6.160 | 6.309 | VV | 6708   | 123860 | 0.64% | 0.056% |
| 50 | 6.326 | 6.309 | 6.371 | VV | 944    | 17431  | 0.09% | 0.008% |
| 51 | 6.382 | 6.371 | 6.403 | VV | 287    | 4147   | 0.02% | 0.002% |
| 52 | 6.425 | 6.403 | 6.472 | VV | 274    | 7540   | 0.04% | 0.003% |
| 53 | 6.480 | 6.472 | 6.491 | VV | 122    | 1384   | 0.01% | 0.001% |
| 54 | 6.504 | 6.491 | 6.532 | VV | 227    | 3475   | 0.02% | 0.002% |
| 55 | 6.557 | 6.532 | 6.577 | VV | 250    | 4554   | 0.02% | 0.002% |
| 56 | 6.619 | 6.577 | 6.681 | VV | 349    | 10817  | 0.06% | 0.005% |
| 57 | 6.689 | 6.681 | 6.723 | VV | 141    | 2554   | 0.01% | 0.001% |
| 58 | 6.737 | 6.723 | 6.745 | VV | 160    | 1640   | 0.01% | 0.001% |
| 59 | 6.767 | 6.745 | 6.812 | VV | 427    | 8018   | 0.04% | 0.004% |
| 60 | 6.827 | 6.812 | 6.864 | VV | 145    | 3485   | 0.02% | 0.002% |
| 61 | 6.916 | 6.864 | 6.934 | PV | 289    | 4570   | 0.02% | 0.002% |
| 62 | 6.955 | 6.934 | 6.988 | VV | 267    | 5629   | 0.03% | 0.003% |
| 63 | 7.036 | 6.988 | 7.064 | VV | 532    | 11494  | 0.06% | 0.005% |
| 64 | 7.071 | 7.064 | 7.090 | VV | 233    | 2796   | 0.01% | 0.001% |
| 65 | 7.130 | 7.090 | 7.140 | VV | 192    | 4694   | 0.02% | 0.002% |
| 66 | 7.149 | 7.140 | 7.157 | VV | 208    | 1993   | 0.01% | 0.001% |
| 67 | 7.195 | 7.157 | 7.234 | VV | 363    | 12995  | 0.07% | 0.006% |
| 68 | 7.270 | 7.234 | 7.379 | VV | 4257   | 92303  | 0.48% | 0.042% |
| 69 | 7.401 | 7.379 | 7.498 | VV | 9875   | 138420 | 0.72% | 0.063% |
| 70 | 7.508 | 7.498 | 7.521 | VV | 337    | 3878   | 0.02% | 0.002% |
| 71 | 7.539 | 7.521 | 7.582 | VV | 753    | 12907  | 0.07% | 0.006% |
| 72 | 7.610 | 7.582 | 7.634 | VV | 277    | 4654   | 0.02% | 0.002% |
| 73 | 7.648 | 7.634 | 7.675 | VV | 247    | 3727   | 0.02% | 0.002% |
| 74 | 7.686 | 7.675 | 7.708 | PV | 99     | 1430   | 0.01% | 0.001% |
| 75 | 7.728 | 7.708 | 7.739 | VV | 197    | 2606   | 0.01% | 0.001% |
| 76 | 7.748 | 7.739 | 7.761 | VV | 192    | 1816   | 0.01% | 0.001% |
| 77 | 7.783 | 7.761 | 7.820 | VV | 238    | 4879   | 0.03% | 0.002% |
| 78 | 7.987 | 7.967 | 8.076 | VV | 4003   | 108092 | 0.56% | 0.049% |
| 79 | 8.094 | 8.076 | 8.114 | VV | 767    | 15272  | 0.08% | 0.007% |
| 80 | 8.148 | 8.114 | 8.172 | VV | 2767   | 54541  | 0.28% | 0.025% |
| 81 | 8.179 | 8.172 | 8.202 | VV | 1301   | 17049  | 0.09% | 0.008% |
| 82 | 8.253 | 8.202 | 8.302 | VV | 4674   | 124178 | 0.64% | 0.056% |
| 83 | 8.315 | 8.302 | 8.332 | VV | 670    | 11184  | 0.06% | 0.005% |
| 84 | 8.354 | 8.332 | 8.371 | VV | 20817  | 224226 | 1.16% | 0.102% |
| 85 | 8.383 | 8.371 | 8.448 | VV | 9291   | 165491 | 0.85% | 0.075% |
| 86 | 8.479 | 8.448 | 8.495 | VV | 16717  | 181658 | 0.94% | 0.082% |
| 87 | 8.508 | 8.495 | 8.530 | VV | 8009   | 156529 | 0.81% | 0.071% |
| 88 | 8.543 | 8.530 | 8.607 | VV | 10554  | 172686 | 0.89% | 0.078% |
| 89 | 8.629 | 8.607 | 8.656 | VV | 5328   | 64357  | 0.33% | 0.029% |

|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
|     |        |        |        |    | rteres  |          |        |        |
| 90  | 8.669  | 8.656  | 8.714  | VV | 940     | 16003    | 0.08%  | 0.007% |
| 91  | 8.834  | 8.812  | 8.861  | VV | 52133   | 577561   | 2.98%  | 0.262% |
| 92  | 8.876  | 8.861  | 8.918  | VV | 6810    | 130653   | 0.67%  | 0.059% |
| 93  | 8.944  | 8.918  | 8.976  | VV | 3258    | 76318    | 0.39%  | 0.035% |
| 94  | 8.989  | 8.976  | 9.003  | VV | 1455    | 21059    | 0.11%  | 0.010% |
| 95  | 9.017  | 9.003  | 9.040  | VV | 1914    | 28683    | 0.15%  | 0.013% |
| 96  | 9.069  | 9.040  | 9.088  | VV | 8865    | 122606   | 0.63%  | 0.056% |
| 97  | 9.109  | 9.088  | 9.172  | VV | 21072   | 346206   | 1.79%  | 0.157% |
| 98  | 9.193  | 9.172  | 9.206  | VV | 3463    | 49337    | 0.25%  | 0.022% |
| 99  | 9.236  | 9.206  | 9.257  | VV | 9086    | 136128   | 0.70%  | 0.062% |
| 100 | 9.278  | 9.257  | 9.344  | VV | 11101   | 161821   | 0.84%  | 0.073% |
| 101 | 9.352  | 9.344  | 9.364  | VV | 423     | 3871     | 0.02%  | 0.002% |
| 102 | 9.393  | 9.364  | 9.411  | VV | 13545   | 149691   | 0.77%  | 0.068% |
| 103 | 9.427  | 9.411  | 9.465  | VV | 8548    | 104199   | 0.54%  | 0.047% |
| 104 | 9.485  | 9.465  | 9.493  | VV | 1263    | 15176    | 0.08%  | 0.007% |
| 105 | 9.528  | 9.493  | 9.557  | VV | 10058   | 172938   | 0.89%  | 0.078% |
| 106 | 9.616  | 9.557  | 9.661  | VV | 46469   | 647143   | 3.34%  | 0.293% |
| 107 | 9.693  | 9.661  | 9.719  | VV | 12410   | 219166   | 1.13%  | 0.099% |
| 108 | 9.735  | 9.719  | 9.746  | VV | 8236    | 89885    | 0.46%  | 0.041% |
| 109 | 9.765  | 9.746  | 9.802  | VV | 19008   | 293067   | 1.51%  | 0.133% |
| 110 | 9.824  | 9.802  | 9.864  | VV | 11936   | 195400   | 1.01%  | 0.088% |
| 111 | 9.883  | 9.864  | 9.907  | VV | 2917    | 51787    | 0.27%  | 0.023% |
| 112 | 9.935  | 9.907  | 9.966  | VV | 20817   | 286663   | 1.48%  | 0.130% |
| 113 | 9.984  | 9.966  | 10.014 | VV | 5192    | 125088   | 0.65%  | 0.057% |
| 114 | 10.037 | 10.014 | 10.062 | VV | 24574   | 357693   | 1.85%  | 0.162% |
| 115 | 10.073 | 10.062 | 10.086 | VV | 6429    | 77468    | 0.40%  | 0.035% |
| 116 | 10.099 | 10.086 | 10.114 | VV | 6411    | 87685    | 0.45%  | 0.040% |
| 117 | 10.123 | 10.114 | 10.154 | VV | 4698    | 66534    | 0.34%  | 0.030% |
| 118 | 10.188 | 10.154 | 10.264 | VV | 3694    | 103022   | 0.53%  | 0.047% |
| 119 | 10.315 | 10.264 | 10.330 | PV | 1414    | 22668    | 0.12%  | 0.010% |
| 120 | 10.349 | 10.330 | 10.370 | VV | 5725    | 62984    | 0.33%  | 0.029% |
| 121 | 10.377 | 10.370 | 10.391 | VV | 1318    | 15122    | 0.08%  | 0.007% |
| 122 | 10.404 | 10.391 | 10.417 | VV | 2125    | 26311    | 0.14%  | 0.012% |
| 123 | 10.429 | 10.417 | 10.439 | VV | 1760    | 19480    | 0.10%  | 0.009% |
| 124 | 10.458 | 10.439 | 10.472 | VV | 10305   | 127052   | 0.66%  | 0.058% |
| 125 | 10.494 | 10.472 | 10.516 | VV | 17461   | 271830   | 1.40%  | 0.123% |
| 126 | 10.536 | 10.516 | 10.569 | VV | 14936   | 211014   | 1.09%  | 0.096% |
| 127 | 10.608 | 10.569 | 10.651 | VV | 16140   | 333162   | 1.72%  | 0.151% |
| 128 | 10.677 | 10.651 | 10.716 | VV | 33063   | 530739   | 2.74%  | 0.240% |
| 129 | 10.738 | 10.716 | 10.756 | VV | 7401    | 145150   | 0.75%  | 0.066% |
| 130 | 10.777 | 10.756 | 10.792 | VV | 25051   | 297141   | 1.53%  | 0.135% |
| 131 | 10.816 | 10.792 | 10.857 | VV | 39745   | 795287   | 4.11%  | 0.360% |
| 132 | 10.885 | 10.857 | 10.897 | VV | 5270    | 106831   | 0.55%  | 0.048% |
| 133 | 10.915 | 10.897 | 10.934 | VV | 15471   | 201435   | 1.04%  | 0.091% |
| 134 | 10.950 | 10.934 | 10.970 | VV | 6151    | 100176   | 0.52%  | 0.045% |
| 135 | 11.027 | 10.970 | 11.072 | VV | 1058292 | 12193067 | 62.99% | 5.522% |
| 136 | 11.095 | 11.072 | 11.126 | VV | 260705  | 2859445  | 14.77% | 1.295% |
| 137 | 11.136 | 11.126 | 11.165 | VV | 11985   | 192145   | 0.99%  | 0.087% |
| 138 | 11.181 | 11.165 | 11.241 | VV | 7409    | 162585   | 0.84%  | 0.074% |
| 139 | 11.282 | 11.241 | 11.292 | VV | 7232    | 106781   | 0.55%  | 0.048% |
| 140 | 11.311 | 11.292 | 11.342 | VV | 41315   | 566036   | 2.92%  | 0.256% |
| 141 | 11.371 | 11.342 | 11.389 | VV | 5833    | 132969   | 0.69%  | 0.060% |

|     |        |        |        |    | rteres  |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
| 142 | 11.409 | 11.389 | 11.422 | VV | 9168    | 118901   | 0.61%   | 0.054% |
| 143 | 11.435 | 11.422 | 11.467 | VV | 8634    | 124103   | 0.64%   | 0.056% |
| 144 | 11.540 | 11.467 | 11.582 | VV | 51765   | 858906   | 4.44%   | 0.389% |
| 145 | 11.604 | 11.582 | 11.622 | VV | 20311   | 263980   | 1.36%   | 0.120% |
| 146 | 11.637 | 11.622 | 11.649 | VV | 9014    | 120348   | 0.62%   | 0.055% |
| 147 | 11.667 | 11.649 | 11.691 | VV | 13858   | 219074   | 1.13%   | 0.099% |
| 148 | 11.717 | 11.691 | 11.735 | VV | 12828   | 202325   | 1.05%   | 0.092% |
| 149 | 11.767 | 11.735 | 11.791 | VV | 385491  | 4008152  | 20.71%  | 1.815% |
| 150 | 11.816 | 11.791 | 11.832 | VV | 137434  | 1572366  | 8.12%   | 0.712% |
| 151 | 11.850 | 11.832 | 11.894 | VV | 171100  | 2040919  | 10.54%  | 0.924% |
| 152 | 11.934 | 11.894 | 11.951 | VV | 132622  | 2169518  | 11.21%  | 0.982% |
| 153 | 11.966 | 11.951 | 11.980 | VV | 103725  | 1120574  | 5.79%   | 0.507% |
| 154 | 11.997 | 11.980 | 12.034 | VV | 131061  | 1651568  | 8.53%   | 0.748% |
| 155 | 12.052 | 12.034 | 12.066 | VV | 4859    | 68574    | 0.35%   | 0.031% |
| 156 | 12.093 | 12.066 | 12.123 | VV | 13621   | 235640   | 1.22%   | 0.107% |
| 157 | 12.145 | 12.123 | 12.165 | VV | 9089    | 121057   | 0.63%   | 0.055% |
| 158 | 12.193 | 12.165 | 12.257 | VV | 49385   | 931282   | 4.81%   | 0.422% |
| 159 | 12.280 | 12.257 | 12.330 | VV | 113515  | 1450092  | 7.49%   | 0.657% |
| 160 | 12.350 | 12.330 | 12.389 | VV | 23214   | 374424   | 1.93%   | 0.170% |
| 161 | 12.427 | 12.389 | 12.453 | VV | 16997   | 309809   | 1.60%   | 0.140% |
| 162 | 12.464 | 12.453 | 12.474 | VV | 4739    | 52801    | 0.27%   | 0.024% |
| 163 | 12.531 | 12.474 | 12.546 | VV | 23992   | 454891   | 2.35%   | 0.206% |
| 164 | 12.555 | 12.546 | 12.580 | VV | 18595   | 252804   | 1.31%   | 0.114% |
| 165 | 12.603 | 12.580 | 12.646 | VV | 35421   | 693085   | 3.58%   | 0.314% |
| 166 | 12.686 | 12.646 | 12.699 | VV | 70553   | 901114   | 4.66%   | 0.408% |
| 167 | 12.715 | 12.699 | 12.736 | VV | 85285   | 1200448  | 6.20%   | 0.544% |
| 168 | 12.755 | 12.736 | 12.771 | VV | 37963   | 692709   | 3.58%   | 0.314% |
| 169 | 12.784 | 12.771 | 12.811 | VV | 34972   | 591298   | 3.05%   | 0.268% |
| 170 | 12.854 | 12.811 | 12.895 | VV | 1362625 | 19357896 | 100.00% | 8.766% |
| 171 | 12.929 | 12.895 | 12.953 | VV | 13110   | 329554   | 1.70%   | 0.149% |
| 172 | 12.986 | 12.953 | 13.003 | VV | 36891   | 537276   | 2.78%   | 0.243% |
| 173 | 13.024 | 13.003 | 13.052 | VV | 66317   | 1057352  | 5.46%   | 0.479% |
| 174 | 13.063 | 13.052 | 13.081 | VV | 29724   | 406768   | 2.10%   | 0.184% |
| 175 | 13.090 | 13.081 | 13.109 | VV | 17556   | 217382   | 1.12%   | 0.098% |
| 176 | 13.154 | 13.109 | 13.169 | VV | 1237621 | 16710383 | 86.32%  | 7.567% |
| 177 | 13.185 | 13.169 | 13.205 | VV | 361737  | 4351429  | 22.48%  | 1.971% |
| 178 | 13.220 | 13.205 | 13.270 | VV | 142162  | 1817241  | 9.39%   | 0.823% |
| 179 | 13.306 | 13.270 | 13.323 | VV | 42278   | 654095   | 3.38%   | 0.296% |
| 180 | 13.343 | 13.323 | 13.377 | VV | 31336   | 572110   | 2.96%   | 0.259% |
| 181 | 13.401 | 13.377 | 13.437 | VV | 75146   | 1037274  | 5.36%   | 0.470% |
| 182 | 13.456 | 13.437 | 13.475 | VV | 24337   | 356403   | 1.84%   | 0.161% |
| 183 | 13.485 | 13.475 | 13.503 | VV | 10613   | 129810   | 0.67%   | 0.059% |
| 184 | 13.533 | 13.503 | 13.567 | VV | 35553   | 751065   | 3.88%   | 0.340% |
| 185 | 13.590 | 13.567 | 13.644 | VV | 90792   | 1518629  | 7.85%   | 0.688% |
| 186 | 13.723 | 13.644 | 13.760 | VV | 129996  | 2706172  | 13.98%  | 1.226% |
| 187 | 13.780 | 13.760 | 13.802 | VV | 21962   | 325818   | 1.68%   | 0.148% |
| 188 | 13.828 | 13.802 | 13.849 | VV | 51339   | 723099   | 3.74%   | 0.327% |
| 189 | 13.871 | 13.849 | 13.919 | VV | 102367  | 1594713  | 8.24%   | 0.722% |
| 190 | 13.974 | 13.919 | 13.984 | VV | 39508   | 999057   | 5.16%   | 0.452% |
| 191 | 13.999 | 13.984 | 14.020 | VV | 88073   | 1109006  | 5.73%   | 0.502% |
| 192 | 14.041 | 14.020 | 14.079 | VV | 80756   | 1190591  | 6.15%   | 0.539% |
| 193 | 14.124 | 14.079 | 14.134 | VV | 18736   | 426467   | 2.20%   | 0.193% |
| 194 | 14.149 | 14.134 | 14.171 | VV | 18325   | 341589   | 1.76%   | 0.155% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 14.188 | 14.171 | 14.206 | VV | 13674  | 210494  | 1.09%  | 0.095% |
| 196 | 14.221 | 14.206 | 14.236 | VV | 9589   | 129050  | 0.67%  | 0.058% |
| 197 | 14.247 | 14.236 | 14.272 | VV | 6576   | 96676   | 0.50%  | 0.044% |
| 198 | 14.301 | 14.272 | 14.340 | VV | 11892  | 226875  | 1.17%  | 0.103% |
| 199 | 14.361 | 14.340 | 14.371 | VV | 4849   | 67193   | 0.35%  | 0.030% |
| 200 | 14.424 | 14.371 | 14.442 | VV | 21315  | 676654  | 3.50%  | 0.306% |
| 201 | 14.469 | 14.442 | 14.512 | VV | 78615  | 1404718 | 7.26%  | 0.636% |
| 202 | 14.532 | 14.512 | 14.542 | VV | 10840  | 177495  | 0.92%  | 0.080% |
| 203 | 14.559 | 14.542 | 14.607 | VV | 20689  | 432013  | 2.23%  | 0.196% |
| 204 | 14.637 | 14.607 | 14.668 | VV | 96507  | 1438639 | 7.43%  | 0.652% |
| 205 | 14.697 | 14.668 | 14.727 | VV | 122536 | 2463676 | 12.73% | 1.116% |
| 206 | 14.745 | 14.727 | 14.758 | VV | 47724  | 693836  | 3.58%  | 0.314% |
| 207 | 14.775 | 14.758 | 14.806 | VV | 77656  | 1176738 | 6.08%  | 0.533% |
| 208 | 14.815 | 14.806 | 14.832 | VV | 13306  | 184653  | 0.95%  | 0.084% |
| 209 | 14.887 | 14.832 | 14.949 | VV | 37676  | 1062271 | 5.49%  | 0.481% |
| 210 | 14.975 | 14.949 | 14.985 | VV | 25144  | 308443  | 1.59%  | 0.140% |
| 211 | 15.020 | 14.985 | 15.038 | VV | 600342 | 7777949 | 40.18% | 3.522% |
| 212 | 15.063 | 15.038 | 15.096 | VV | 567913 | 6943478 | 35.87% | 3.144% |
| 213 | 15.113 | 15.096 | 15.136 | VV | 13686  | 285248  | 1.47%  | 0.129% |
| 214 | 15.178 | 15.136 | 15.236 | VV | 90433  | 1905867 | 9.85%  | 0.863% |
| 215 | 15.263 | 15.236 | 15.292 | VV | 18171  | 420697  | 2.17%  | 0.191% |
| 216 | 15.320 | 15.292 | 15.341 | VV | 30754  | 511581  | 2.64%  | 0.232% |
| 217 | 15.358 | 15.341 | 15.399 | VV | 47393  | 840750  | 4.34%  | 0.381% |
| 218 | 15.416 | 15.399 | 15.434 | VV | 21417  | 349195  | 1.80%  | 0.158% |
| 219 | 15.463 | 15.434 | 15.486 | VV | 26248  | 632238  | 3.27%  | 0.286% |
| 220 | 15.501 | 15.486 | 15.529 | VV | 14998  | 274204  | 1.42%  | 0.124% |
| 221 | 15.552 | 15.529 | 15.576 | VV | 12765  | 276581  | 1.43%  | 0.125% |
| 222 | 15.593 | 15.576 | 15.612 | VV | 12805  | 212682  | 1.10%  | 0.096% |
| 223 | 15.636 | 15.612 | 15.657 | VV | 29223  | 436153  | 2.25%  | 0.198% |
| 224 | 15.681 | 15.657 | 15.704 | VV | 121293 | 1500776 | 7.75%  | 0.680% |
| 225 | 15.720 | 15.704 | 15.759 | VV | 49520  | 837772  | 4.33%  | 0.379% |
| 226 | 15.782 | 15.759 | 15.804 | VV | 21911  | 460120  | 2.38%  | 0.208% |
| 227 | 15.828 | 15.804 | 15.888 | VV | 61133  | 1502453 | 7.76%  | 0.680% |
| 228 | 15.913 | 15.888 | 15.937 | VV | 35233  | 514560  | 2.66%  | 0.233% |
| 229 | 15.958 | 15.937 | 15.977 | VV | 7641   | 164092  | 0.85%  | 0.074% |
| 230 | 15.998 | 15.977 | 16.028 | VV | 22172  | 352332  | 1.82%  | 0.160% |
| 231 | 16.042 | 16.028 | 16.053 | VV | 7391   | 80541   | 0.42%  | 0.036% |
| 232 | 16.072 | 16.053 | 16.086 | VV | 20733  | 264251  | 1.37%  | 0.120% |
| 233 | 16.098 | 16.086 | 16.132 | VV | 14337  | 302128  | 1.56%  | 0.137% |
| 234 | 16.142 | 16.132 | 16.169 | VV | 8816   | 136693  | 0.71%  | 0.062% |
| 235 | 16.178 | 16.169 | 16.196 | VV | 4646   | 47915   | 0.25%  | 0.022% |
| 236 | 16.227 | 16.196 | 16.239 | PV | 4941   | 84487   | 0.44%  | 0.038% |
| 237 | 16.275 | 16.239 | 16.299 | VV | 13014  | 254448  | 1.31%  | 0.115% |
| 238 | 16.327 | 16.299 | 16.343 | VV | 19170  | 291589  | 1.51%  | 0.132% |
| 239 | 16.365 | 16.343 | 16.406 | VV | 27280  | 538626  | 2.78%  | 0.244% |
| 240 | 16.443 | 16.406 | 16.460 | VV | 13962  | 323940  | 1.67%  | 0.147% |
| 241 | 16.486 | 16.460 | 16.509 | VV | 26808  | 452342  | 2.34%  | 0.205% |
| 242 | 16.536 | 16.509 | 16.548 | VV | 29989  | 446534  | 2.31%  | 0.202% |
| 243 | 16.584 | 16.548 | 16.599 | VV | 487201 | 7125100 | 36.81% | 3.227% |
| 244 | 16.607 | 16.599 | 16.636 | VV | 256182 | 2589129 | 13.38% | 1.173% |
| 245 | 16.648 | 16.636 | 16.667 | VV | 11220  | 144646  | 0.75%  | 0.066% |
| 246 | 16.708 | 16.667 | 16.757 | VV | 95057  | 1521535 | 7.86%  | 0.689% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.766 | 16.757 | 16.791 | VV | 5827   | 84980   | 0.44%  | 0.038% |
| 248    | 16.852 | 16.791 | 16.870 | VV | 46034  | 998314  | 5.16%  | 0.452% |
| 249    | 16.903 | 16.870 | 16.929 | VV | 285909 | 3969938 | 20.51% | 1.798% |
| 250    | 16.967 | 16.929 | 17.022 | VV | 445395 | 5969455 | 30.84% | 2.703% |
|        |        |        |        |    |        |         |        |        |
| 251    | 17.058 | 17.022 | 17.085 | VV | 124108 | 1617919 | 8.36%  | 0.733% |
| 252    | 17.100 | 17.085 | 17.116 | VV | 17434  | 245121  | 1.27%  | 0.111% |
| 253    | 17.129 | 17.116 | 17.149 | VV | 11792  | 185505  | 0.96%  | 0.084% |
| 254    | 17.195 | 17.149 | 17.235 | VV | 27612  | 816266  | 4.22%  | 0.370% |
| 255    | 17.254 | 17.235 | 17.269 | VV | 11433  | 175344  | 0.91%  | 0.079% |
|        |        |        |        |    |        |         |        |        |
| 256    | 17.312 | 17.269 | 17.321 | VV | 26088  | 556914  | 2.88%  | 0.252% |
| 257    | 17.330 | 17.321 | 17.396 | VV | 26295  | 562206  | 2.90%  | 0.255% |
| 258    | 17.452 | 17.396 | 17.467 | PV | 24261  | 620615  | 3.21%  | 0.281% |
| 259    | 17.478 | 17.467 | 17.511 | VV | 20346  | 314125  | 1.62%  | 0.142% |
| 260    | 17.543 | 17.511 | 17.559 | VV | 20333  | 352672  | 1.82%  | 0.160% |
|        |        |        |        |    |        |         |        |        |
| 261    | 17.570 | 17.559 | 17.592 | VV | 15364  | 207176  | 1.07%  | 0.094% |
| 262    | 17.618 | 17.592 | 17.689 | VV | 28374  | 704136  | 3.64%  | 0.319% |
| 263    | 17.716 | 17.689 | 17.729 | VV | 7858   | 136505  | 0.71%  | 0.062% |
| 264    | 17.740 | 17.729 | 17.787 | VV | 7710   | 168917  | 0.87%  | 0.076% |
| 265    | 17.800 | 17.787 | 17.837 | VV | 2864   | 60082   | 0.31%  | 0.027% |
|        |        |        |        |    |        |         |        |        |
| 266    | 17.872 | 17.837 | 17.887 | VV | 8807   | 156608  | 0.81%  | 0.071% |
| 267    | 17.904 | 17.887 | 17.929 | VV | 10339  | 204413  | 1.06%  | 0.093% |
| 268    | 17.947 | 17.929 | 17.980 | VV | 15289  | 267247  | 1.38%  | 0.121% |
| 269    | 18.034 | 17.980 | 18.061 | VV | 27938  | 527772  | 2.73%  | 0.239% |
| 270    | 18.112 | 18.061 | 18.201 | VV | 23123  | 977122  | 5.05%  | 0.442% |
|        |        |        |        |    |        |         |        |        |
| 271    | 18.235 | 18.201 | 18.296 | VV | 76425  | 1653229 | 8.54%  | 0.749% |
| 272    | 18.337 | 18.296 | 18.392 | VV | 258118 | 4375335 | 22.60% | 1.981% |
| 273    | 18.408 | 18.392 | 18.434 | VV | 28917  | 444791  | 2.30%  | 0.201% |
| 274    | 18.460 | 18.434 | 18.477 | VV | 68077  | 889351  | 4.59%  | 0.403% |
| 275    | 18.492 | 18.477 | 18.516 | VV | 51193  | 751447  | 3.88%  | 0.340% |
|        |        |        |        |    |        |         |        |        |
| 276    | 18.525 | 18.516 | 18.557 | VV | 14097  | 236080  | 1.22%  | 0.107% |
| 277    | 18.592 | 18.557 | 18.631 | VV | 215098 | 2984721 | 15.42% | 1.352% |
| 278    | 18.666 | 18.631 | 18.679 | VV | 18665  | 372216  | 1.92%  | 0.169% |
| 279    | 18.726 | 18.679 | 18.780 | VV | 62458  | 1268477 | 6.55%  | 0.574% |
| 280    | 18.822 | 18.780 | 18.847 | VV | 12319  | 288725  | 1.49%  | 0.131% |
|        |        |        |        |    |        |         |        |        |
| 281    | 18.896 | 18.847 | 18.941 | VV | 12367  | 461453  | 2.38%  | 0.209% |
| 282    | 18.959 | 18.941 | 18.979 | VV | 12203  | 200264  | 1.03%  | 0.091% |
| 283    | 19.012 | 18.979 | 19.042 | VV | 17184  | 410358  | 2.12%  | 0.186% |
| 284    | 19.069 | 19.042 | 19.079 | VV | 12377  | 235329  | 1.22%  | 0.107% |
| 285    | 19.100 | 19.079 | 19.124 | VV | 21490  | 363115  | 1.88%  | 0.164% |
|        |        |        |        |    |        |         |        |        |
| 286    | 19.163 | 19.124 | 19.180 | VV | 12118  | 317608  | 1.64%  | 0.144% |
| 287    | 19.198 | 19.180 | 19.229 | VV | 13420  | 274931  | 1.42%  | 0.125% |
| 288    | 19.270 | 19.229 | 19.305 | VV | 17936  | 462642  | 2.39%  | 0.210% |
| 289    | 19.329 | 19.305 | 19.364 | VV | 8412   | 228409  | 1.18%  | 0.103% |
| 290    | 19.379 | 19.364 | 19.389 | VV | 5121   | 63062   | 0.33%  | 0.029% |
|        |        |        |        |    |        |         |        |        |
| 291    | 19.416 | 19.389 | 19.432 | VV | 8626   | 175185  | 0.90%  | 0.079% |
| 292    | 19.441 | 19.432 | 19.459 | VV | 7947   | 115227  | 0.60%  | 0.052% |
| 293    | 19.476 | 19.459 | 19.493 | VV | 8207   | 153692  | 0.79%  | 0.070% |
| 294    | 19.509 | 19.493 | 19.526 | VV | 8759   | 153366  | 0.79%  | 0.069% |
| 295    | 19.546 | 19.526 | 19.559 | VV | 10031  | 179030  | 0.92%  | 0.081% |
|        |        |        |        |    |        |         |        |        |
| 296    | 19.590 | 19.559 | 19.616 | VV | 13785  | 376401  | 1.94%  | 0.170% |
| 297    | 19.624 | 19.616 | 19.644 | VV | 11008  | 174808  | 0.90%  | 0.079% |
| 298    | 19.662 | 19.644 | 19.673 | VV | 12749  | 195453  | 1.01%  | 0.089% |
| 299    | 19.739 | 19.673 | 19.778 | VV | 76718  | 1975864 | 10.21% | 0.895% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres                  |         |           |        |
| 300 | 19.808 | 19.778 | 19.842 | VV | 81309                   | 1706365 | 8.81%     | 0.773% |
| 301 | 19.866 | 19.842 | 19.890 | VV | 37032                   | 841279  | 4.35%     | 0.381% |
| 302 | 19.908 | 19.890 | 19.933 | VV | 31792                   | 697823  | 3.60%     | 0.316% |
| 303 | 19.947 | 19.933 | 19.978 | VV | 24278                   | 524087  | 2.71%     | 0.237% |
| 304 | 20.027 | 19.978 | 20.076 | VV | 34841                   | 1196959 | 6.18%     | 0.542% |
| 305 | 20.124 | 20.076 | 20.162 | VV | 116521                  | 2264124 | 11.70%    | 1.025% |
| 306 | 20.192 | 20.162 | 20.212 | VV | 51071                   | 982378  | 5.07%     | 0.445% |
| 307 | 20.227 | 20.212 | 20.247 | VV | 33387                   | 602345  | 3.11%     | 0.273% |
| 308 | 20.266 | 20.247 | 20.327 | VV | 33989                   | 1266565 | 6.54%     | 0.574% |
| 309 | 20.382 | 20.327 | 20.432 | VV | 25819                   | 1452893 | 7.51%     | 0.658% |
| 310 | 20.444 | 20.432 | 20.456 | VV | 20971                   | 299082  | 1.55%     | 0.135% |
| 311 | 20.472 | 20.456 | 20.559 | VV | 20615                   | 1160296 | 5.99%     | 0.525% |
| 312 | 20.597 | 20.559 | 20.614 | VV | 17619                   | 562572  | 2.91%     | 0.255% |
| 313 | 20.634 | 20.614 | 20.676 | VV | 19336                   | 666352  | 3.44%     | 0.302% |
| 314 | 20.691 | 20.676 | 20.701 | VV | 16832                   | 244298  | 1.26%     | 0.111% |
| 315 | 20.725 | 20.701 | 20.760 | VV | 19012                   | 615497  | 3.18%     | 0.279% |
| 316 | 20.799 | 20.760 | 20.837 | VV | 17282                   | 745438  | 3.85%     | 0.338% |
| 317 | 20.855 | 20.837 | 20.877 | VV | 15122                   | 334968  | 1.73%     | 0.152% |
| 318 | 20.916 | 20.877 | 20.961 | VV | 14392                   | 650216  | 3.36%     | 0.294% |
| 319 | 20.973 | 20.961 | 21.044 | VV | 12710                   | 484972  | 2.51%     | 0.220% |
| 320 | 21.055 | 21.044 | 21.074 | VV | 8168                    | 144172  | 0.74%     | 0.065% |
| 321 | 21.090 | 21.074 | 21.104 | VV | 8499                    | 139684  | 0.72%     | 0.063% |
| 322 | 21.123 | 21.104 | 21.142 | VV | 8652                    | 183692  | 0.95%     | 0.083% |
| 323 | 21.216 | 21.142 | 21.264 | VV | 14563                   | 756264  | 3.91%     | 0.342% |
| 324 | 21.298 | 21.264 | 21.349 | VV | 11408                   | 403747  | 2.09%     | 0.183% |
| 325 | 21.424 | 21.349 | 21.483 | VV | 10644                   | 560328  | 2.89%     | 0.254% |
| 326 | 21.523 | 21.483 | 21.568 | VV | 10078                   | 383010  | 1.98%     | 0.173% |
| 327 | 21.643 | 21.568 | 21.703 | VV | 15162                   | 864665  | 4.47%     | 0.392% |
| 328 | 21.717 | 21.703 | 21.797 | VV | 7851                    | 325017  | 1.68%     | 0.147% |
| 329 | 21.815 | 21.797 | 21.847 | VV | 3484                    | 95909   | 0.50%     | 0.043% |
| 330 | 21.883 | 21.847 | 21.951 | VV | 4838                    | 168767  | 0.87%     | 0.076% |
| 331 | 21.979 | 21.951 | 22.016 | PV | 2829                    | 65923   | 0.34%     | 0.030% |
| 332 | 22.021 | 22.016 | 22.032 | VV | 959                     | 5748    | 0.03%     | 0.003% |
|     |        |        |        |    | Sum of corrected areas: |         | 220818688 |        |

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