

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD043021AL\  
 Data File : FD037262.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Apr 2021 18:00  
 Sample : M2227-02  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 042121.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.268       | 3.205        | 3.314      | BV       | 206            | 3688         | 0.08%          | 0.009%        |
| 2         | 3.359       | 3.314        | 3.380      | PV       | 187            | 3527         | 0.08%          | 0.009%        |
| 3         | 3.392       | 3.380        | 3.472      | VV       | 189            | 6351         | 0.14%          | 0.016%        |
| 4         | 3.488       | 3.472        | 3.550      | PV       | 110            | 3575         | 0.08%          | 0.009%        |
| 5         | 3.570       | 3.550        | 3.595      | VV       | 185            | 2683         | 0.06%          | 0.007%        |
| 6         | 3.603       | 3.595        | 3.631      | VV       | 131            | 2401         | 0.05%          | 0.006%        |
| 7         | 3.660       | 3.631        | 3.688      | VV       | 277            | 4845         | 0.11%          | 0.012%        |
| 8         | 3.715       | 3.688        | 3.728      | VV       | 156            | 2491         | 0.05%          | 0.006%        |
| 9         | 3.756       | 3.728        | 3.787      | VV       | 234            | 4857         | 0.11%          | 0.012%        |
| 10        | 3.798       | 3.787        | 3.834      | VV       | 157            | 2429         | 0.05%          | 0.006%        |
| 11        | 3.854       | 3.834        | 3.886      | VV       | 287            | 5136         | 0.11%          | 0.013%        |
| 12        | 3.899       | 3.886        | 3.907      | VV       | 206            | 1619         | 0.04%          | 0.004%        |
| 13        | 3.927       | 3.907        | 3.947      | VV       | 1863           | 20310        | 0.45%          | 0.051%        |
| 14        | 3.959       | 3.947        | 4.008      | VV       | 708            | 12481        | 0.28%          | 0.031%        |
| 15        | 4.017       | 4.008        | 4.060      | VV       | 232            | 5525         | 0.12%          | 0.014%        |
| 16        | 4.078       | 4.060        | 4.093      | VV       | 385            | 5668         | 0.12%          | 0.014%        |
| 17        | 4.109       | 4.093        | 4.151      | VV       | 537            | 12177        | 0.27%          | 0.030%        |
| 18        | 4.158       | 4.151        | 4.169      | VV       | 278            | 2407         | 0.05%          | 0.006%        |
| 19        | 4.186       | 4.169        | 4.231      | VV       | 239            | 6400         | 0.14%          | 0.016%        |
| 20        | 4.242       | 4.231        | 4.271      | VV       | 217            | 3558         | 0.08%          | 0.009%        |
| 21        | 4.281       | 4.271        | 4.308      | VV       | 230            | 3714         | 0.08%          | 0.009%        |
| 22        | 4.330       | 4.308        | 4.351      | VV       | 265            | 5250         | 0.12%          | 0.013%        |
| 23        | 4.376       | 4.351        | 4.388      | VV       | 243            | 4120         | 0.09%          | 0.010%        |
| 24        | 4.404       | 4.388        | 4.418      | VV       | 259            | 3797         | 0.08%          | 0.009%        |
| 25        | 4.432       | 4.418        | 4.465      | VV       | 354            | 5784         | 0.13%          | 0.014%        |
| 26        | 4.480       | 4.465        | 4.517      | VV       | 457            | 6653         | 0.15%          | 0.017%        |
| 27        | 4.545       | 4.517        | 4.605      | VV       | 600            | 12221        | 0.27%          | 0.031%        |
| 28        | 4.619       | 4.605        | 4.648      | VV       | 448            | 4677         | 0.10%          | 0.012%        |
| 29        | 4.684       | 4.648        | 4.696      | VV       | 235            | 3052         | 0.07%          | 0.008%        |
| 30        | 4.716       | 4.696        | 4.754      | VV       | 430            | 5731         | 0.13%          | 0.014%        |
| 31        | 4.775       | 4.754        | 4.791      | VV       | 125            | 1885         | 0.04%          | 0.005%        |
| 32        | 4.834       | 4.811        | 4.874      | PV       | 105            | 1824         | 0.04%          | 0.005%        |
| 33        | 4.917       | 4.874        | 4.943      | PV       | 452            | 7751         | 0.17%          | 0.019%        |
| 34        | 4.964       | 4.943        | 4.998      | VV       | 399            | 5711         | 0.13%          | 0.014%        |
| 35        | 5.019       | 4.998        | 5.041      | PV       | 456            | 4892         | 0.11%          | 0.012%        |
| 36        | 5.073       | 5.041        | 5.120      | VV       | 183            | 4497         | 0.10%          | 0.011%        |

|    |       |       |       |    | rt   | er    |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 5.137 | 5.120 | 5.167 | VV | 259  | 5310  | 0.12% | 0.013% |
| 38 | 5.185 | 5.167 | 5.228 | VV | 644  | 9437  | 0.21% | 0.024% |
| 39 | 5.246 | 5.228 | 5.298 | VV | 364  | 6221  | 0.14% | 0.016% |
| 40 | 5.315 | 5.298 | 5.324 | VV | 156  | 1701  | 0.04% | 0.004% |
| 41 | 5.332 | 5.324 | 5.350 | VV | 179  | 1758  | 0.04% | 0.004% |
| 42 | 5.368 | 5.350 | 5.395 | VV | 239  | 4096  | 0.09% | 0.010% |
| 43 | 5.414 | 5.395 | 5.448 | VV | 802  | 10747 | 0.24% | 0.027% |
| 44 | 5.472 | 5.448 | 5.511 | VV | 411  | 7765  | 0.17% | 0.019% |
| 45 | 5.536 | 5.511 | 5.559 | VV | 280  | 4530  | 0.10% | 0.011% |
| 46 | 5.601 | 5.559 | 5.615 | VV | 324  | 4977  | 0.11% | 0.012% |
| 47 | 5.667 | 5.615 | 5.749 | VV | 307  | 16147 | 0.36% | 0.040% |
| 48 | 5.769 | 5.749 | 5.808 | VV | 266  | 5864  | 0.13% | 0.015% |
| 49 | 5.815 | 5.808 | 5.855 | VV | 123  | 2552  | 0.06% | 0.006% |
| 50 | 5.871 | 5.855 | 5.881 | VV | 180  | 1668  | 0.04% | 0.004% |
| 51 | 5.911 | 5.881 | 5.949 | VV | 1512 | 22649 | 0.50% | 0.057% |
| 52 | 5.958 | 5.949 | 6.025 | VV | 318  | 11794 | 0.26% | 0.029% |
| 53 | 6.067 | 6.025 | 6.111 | VV | 554  | 14745 | 0.32% | 0.037% |
| 54 | 6.130 | 6.111 | 6.173 | VV | 436  | 8612  | 0.19% | 0.022% |
| 55 | 6.192 | 6.173 | 6.261 | VV | 536  | 12050 | 0.27% | 0.030% |
| 56 | 6.285 | 6.261 | 6.294 | VV | 169  | 2597  | 0.06% | 0.006% |
| 57 | 6.306 | 6.294 | 6.331 | VV | 160  | 2670  | 0.06% | 0.007% |
| 58 | 6.345 | 6.331 | 6.387 | VV | 280  | 5695  | 0.13% | 0.014% |
| 59 | 6.398 | 6.387 | 6.406 | VV | 164  | 1138  | 0.03% | 0.003% |
| 60 | 6.430 | 6.406 | 6.474 | VV | 213  | 4672  | 0.10% | 0.012% |
| 61 | 6.484 | 6.474 | 6.520 | VV | 135  | 2927  | 0.06% | 0.007% |
| 62 | 6.539 | 6.520 | 6.577 | PV | 142  | 3210  | 0.07% | 0.008% |
| 63 | 6.622 | 6.577 | 6.643 | VV | 194  | 5190  | 0.11% | 0.013% |
| 64 | 6.665 | 6.643 | 6.725 | VV | 232  | 6041  | 0.13% | 0.015% |
| 65 | 6.742 | 6.725 | 6.770 | VV | 236  | 3922  | 0.09% | 0.010% |
| 66 | 6.812 | 6.770 | 6.832 | VV | 358  | 8050  | 0.18% | 0.020% |
| 67 | 6.858 | 6.832 | 6.884 | VV | 368  | 8384  | 0.18% | 0.021% |
| 68 | 6.897 | 6.884 | 6.928 | VV | 293  | 5746  | 0.13% | 0.014% |
| 69 | 6.965 | 6.928 | 6.981 | VV | 464  | 9307  | 0.21% | 0.023% |
| 70 | 7.045 | 6.981 | 7.079 | VV | 301  | 11151 | 0.25% | 0.028% |
| 71 | 7.098 | 7.079 | 7.118 | VV | 382  | 4534  | 0.10% | 0.011% |
| 72 | 7.139 | 7.118 | 7.184 | VV | 219  | 5401  | 0.12% | 0.013% |
| 73 | 7.196 | 7.184 | 7.201 | VV | 143  | 1154  | 0.03% | 0.003% |
| 74 | 7.220 | 7.201 | 7.237 | VV | 212  | 3120  | 0.07% | 0.008% |
| 75 | 7.269 | 7.237 | 7.308 | VV | 402  | 7230  | 0.16% | 0.018% |
| 76 | 7.324 | 7.308 | 7.348 | VV | 167  | 2931  | 0.06% | 0.007% |
| 77 | 7.387 | 7.348 | 7.398 | VV | 197  | 3422  | 0.08% | 0.009% |
| 78 | 7.404 | 7.398 | 7.422 | VV | 92   | 1008  | 0.02% | 0.003% |
| 79 | 7.672 | 7.648 | 7.702 | VV | 896  | 21645 | 0.48% | 0.054% |
| 80 | 7.711 | 7.702 | 7.728 | VV | 511  | 6480  | 0.14% | 0.016% |
| 81 | 7.744 | 7.728 | 7.805 | VV | 428  | 12011 | 0.26% | 0.030% |
| 82 | 7.843 | 7.805 | 7.852 | VV | 340  | 6981  | 0.15% | 0.017% |
| 83 | 7.861 | 7.852 | 7.927 | VV | 376  | 10322 | 0.23% | 0.026% |
| 84 | 7.958 | 7.927 | 8.000 | VV | 556  | 14650 | 0.32% | 0.037% |
| 85 | 8.027 | 8.000 | 8.037 | VV | 489  | 9475  | 0.21% | 0.024% |
| 86 | 8.057 | 8.037 | 8.075 | VV | 1008 | 15301 | 0.34% | 0.038% |
| 87 | 8.098 | 8.075 | 8.124 | VV | 4032 | 60297 | 1.33% | 0.151% |
| 88 | 8.133 | 8.124 | 8.164 | VV | 1025 | 12608 | 0.28% | 0.032% |
| 89 | 8.191 | 8.164 | 8.218 | VV | 4159 | 46650 | 1.03% | 0.117% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.240  | 8.218  | 8.311  | VV | 2823   | 47347  | 1.04% | 0.118% |
| 91  | 8.327  | 8.311  | 8.342  | VV | 320    | 4088   | 0.09% | 0.010% |
| 92  | 8.367  | 8.342  | 8.401  | VV | 252    | 6082   | 0.13% | 0.015% |
| 93  | 8.533  | 8.513  | 8.561  | VV | 2090   | 31135  | 0.69% | 0.078% |
| 94  | 8.599  | 8.561  | 8.637  | VV | 1350   | 32981  | 0.73% | 0.082% |
| 95  | 8.653  | 8.637  | 8.661  | VV | 507    | 6830   | 0.15% | 0.017% |
| 96  | 8.669  | 8.661  | 8.701  | VV | 587    | 8472   | 0.19% | 0.021% |
| 97  | 8.730  | 8.701  | 8.738  | VV | 350    | 5910   | 0.13% | 0.015% |
| 98  | 8.772  | 8.738  | 8.788  | VV | 497    | 10449  | 0.23% | 0.026% |
| 99  | 8.806  | 8.788  | 8.831  | VV | 735    | 11433  | 0.25% | 0.029% |
| 100 | 8.866  | 8.831  | 8.911  | VV | 801    | 23474  | 0.52% | 0.059% |
| 101 | 8.950  | 8.911  | 9.021  | VV | 1155   | 30782  | 0.68% | 0.077% |
| 102 | 9.042  | 9.021  | 9.068  | VV | 303    | 4963   | 0.11% | 0.012% |
| 103 | 9.096  | 9.068  | 9.114  | VV | 513    | 6906   | 0.15% | 0.017% |
| 104 | 9.130  | 9.114  | 9.154  | VV | 471    | 7197   | 0.16% | 0.018% |
| 105 | 9.180  | 9.154  | 9.199  | VV | 664    | 9214   | 0.20% | 0.023% |
| 106 | 9.233  | 9.199  | 9.255  | VV | 351    | 6736   | 0.15% | 0.017% |
| 107 | 9.275  | 9.255  | 9.293  | VV | 820    | 9643   | 0.21% | 0.024% |
| 108 | 9.315  | 9.293  | 9.358  | VV | 1681   | 27847  | 0.61% | 0.070% |
| 109 | 9.393  | 9.358  | 9.441  | VV | 653    | 17829  | 0.39% | 0.045% |
| 110 | 9.459  | 9.441  | 9.478  | VV | 908    | 13543  | 0.30% | 0.034% |
| 111 | 9.521  | 9.478  | 9.544  | VV | 559    | 14763  | 0.33% | 0.037% |
| 112 | 9.572  | 9.544  | 9.615  | VV | 635    | 14588  | 0.32% | 0.036% |
| 113 | 9.639  | 9.615  | 9.651  | VV | 698    | 11115  | 0.24% | 0.028% |
| 114 | 9.659  | 9.651  | 9.703  | VV | 711    | 12036  | 0.27% | 0.030% |
| 115 | 9.729  | 9.703  | 9.781  | VV | 1757   | 29617  | 0.65% | 0.074% |
| 116 | 9.793  | 9.781  | 9.818  | VV | 358    | 5449   | 0.12% | 0.014% |
| 117 | 9.831  | 9.818  | 9.851  | VV | 306    | 4026   | 0.09% | 0.010% |
| 118 | 9.877  | 9.851  | 9.915  | VV | 267    | 6535   | 0.14% | 0.016% |
| 119 | 9.921  | 9.915  | 9.942  | VV | 167    | 1531   | 0.03% | 0.004% |
| 120 | 10.001 | 9.942  | 10.015 | PV | 180    | 3324   | 0.07% | 0.008% |
| 121 | 10.022 | 10.015 | 10.032 | PV | 148    | 1137   | 0.03% | 0.003% |
| 122 | 10.057 | 10.032 | 10.091 | VV | 543    | 11493  | 0.25% | 0.029% |
| 123 | 10.113 | 10.091 | 10.135 | VV | 687    | 11338  | 0.25% | 0.028% |
| 124 | 10.162 | 10.135 | 10.178 | VV | 840    | 12774  | 0.28% | 0.032% |
| 125 | 10.193 | 10.178 | 10.218 | VV | 973    | 16190  | 0.36% | 0.040% |
| 126 | 10.240 | 10.218 | 10.267 | VV | 785    | 14954  | 0.33% | 0.037% |
| 127 | 10.282 | 10.267 | 10.290 | VV | 388    | 4064   | 0.09% | 0.010% |
| 128 | 10.309 | 10.290 | 10.328 | VV | 917    | 13834  | 0.30% | 0.035% |
| 129 | 10.363 | 10.328 | 10.381 | VV | 851    | 20983  | 0.46% | 0.052% |
| 130 | 10.416 | 10.381 | 10.429 | VV | 846    | 19773  | 0.44% | 0.049% |
| 131 | 10.465 | 10.429 | 10.491 | VV | 1551   | 33857  | 0.75% | 0.085% |
| 132 | 10.514 | 10.491 | 10.575 | VV | 1236   | 38343  | 0.84% | 0.096% |
| 133 | 10.599 | 10.575 | 10.622 | VV | 1179   | 20734  | 0.46% | 0.052% |
| 134 | 10.630 | 10.622 | 10.662 | VV | 327    | 5737   | 0.13% | 0.014% |
| 135 | 10.709 | 10.662 | 10.757 | VV | 13330  | 154130 | 3.40% | 0.385% |
| 136 | 10.784 | 10.757 | 10.815 | VV | 5998   | 71477  | 1.57% | 0.179% |
| 137 | 10.838 | 10.815 | 10.855 | VV | 537    | 9195   | 0.20% | 0.023% |
| 138 | 10.872 | 10.855 | 10.908 | VV | 803    | 13234  | 0.29% | 0.033% |
| 139 | 10.936 | 10.908 | 10.955 | VV | 481    | 7840   | 0.17% | 0.020% |
| 140 | 10.968 | 10.955 | 10.978 | VV | 177    | 2230   | 0.05% | 0.006% |
| 141 | 11.001 | 10.978 | 11.040 | VV | 714    | 12978  | 0.29% | 0.032% |

|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 11.099 | 11.040 | 11.121 | VV | 1472   | 23475   | 0.52%   | 0.059%  |
| 143 | 11.134 | 11.121 | 11.147 | VV | 581    | 7230    | 0.16%   | 0.018%  |
| 144 | 11.167 | 11.147 | 11.202 | VV | 1500   | 24115   | 0.53%   | 0.060%  |
| 145 | 11.231 | 11.202 | 11.287 | VV | 1335   | 37109   | 0.82%   | 0.093%  |
|     |        |        |        |    |        |         |         |         |
| 146 | 11.310 | 11.287 | 11.335 | VV | 423    | 6944    | 0.15%   | 0.017%  |
| 147 | 11.359 | 11.335 | 11.385 | VV | 984    | 14011   | 0.31%   | 0.035%  |
| 148 | 11.403 | 11.385 | 11.424 | VV | 458    | 5501    | 0.12%   | 0.014%  |
| 149 | 11.480 | 11.424 | 11.525 | VV | 430236 | 4538307 | 100.00% | 11.342% |
| 150 | 11.541 | 11.525 | 11.562 | VV | 3364   | 38576   | 0.85%   | 0.096%  |
|     |        |        |        |    |        |         |         |         |
| 151 | 11.577 | 11.562 | 11.590 | VV | 940    | 11124   | 0.25%   | 0.028%  |
| 152 | 11.623 | 11.590 | 11.642 | VV | 4355   | 69115   | 1.52%   | 0.173%  |
| 153 | 11.657 | 11.642 | 11.671 | VV | 2337   | 26528   | 0.58%   | 0.066%  |
| 154 | 11.688 | 11.671 | 11.728 | VV | 2924   | 35439   | 0.78%   | 0.089%  |
| 155 | 11.765 | 11.728 | 11.787 | VV | 410    | 6926    | 0.15%   | 0.017%  |
|     |        |        |        |    |        |         |         |         |
| 156 | 11.830 | 11.787 | 11.850 | PV | 1142   | 22408   | 0.49%   | 0.056%  |
| 157 | 11.867 | 11.850 | 11.890 | VV | 1223   | 18032   | 0.40%   | 0.045%  |
| 158 | 11.916 | 11.890 | 11.941 | VV | 548    | 12691   | 0.28%   | 0.032%  |
| 159 | 11.980 | 11.941 | 12.021 | VV | 1685   | 26269   | 0.58%   | 0.066%  |
| 160 | 12.041 | 12.021 | 12.051 | VV | 608    | 8454    | 0.19%   | 0.021%  |
|     |        |        |        |    |        |         |         |         |
| 161 | 12.073 | 12.051 | 12.109 | VV | 11276  | 114963  | 2.53%   | 0.287%  |
| 162 | 12.128 | 12.109 | 12.145 | VV | 507    | 8023    | 0.18%   | 0.020%  |
| 163 | 12.158 | 12.145 | 12.171 | VV | 604    | 7280    | 0.16%   | 0.018%  |
| 164 | 12.184 | 12.171 | 12.214 | VV | 593    | 10365   | 0.23%   | 0.026%  |
| 165 | 12.253 | 12.214 | 12.267 | VV | 634    | 14517   | 0.32%   | 0.036%  |
|     |        |        |        |    |        |         |         |         |
| 166 | 12.295 | 12.267 | 12.335 | VV | 1137   | 23789   | 0.52%   | 0.059%  |
| 167 | 12.356 | 12.335 | 12.384 | VV | 1271   | 17960   | 0.40%   | 0.045%  |
| 168 | 12.406 | 12.384 | 12.424 | VV | 3183   | 38948   | 0.86%   | 0.097%  |
| 169 | 12.438 | 12.424 | 12.452 | VV | 1310   | 19057   | 0.42%   | 0.048%  |
| 170 | 12.468 | 12.452 | 12.489 | VV | 2287   | 29594   | 0.65%   | 0.074%  |
|     |        |        |        |    |        |         |         |         |
| 171 | 12.520 | 12.489 | 12.557 | VV | 27992  | 310638  | 6.84%   | 0.776%  |
| 172 | 12.578 | 12.557 | 12.600 | VV | 733    | 11026   | 0.24%   | 0.028%  |
| 173 | 12.616 | 12.600 | 12.633 | VV | 443    | 5156    | 0.11%   | 0.013%  |
| 174 | 12.655 | 12.633 | 12.669 | VV | 938    | 12340   | 0.27%   | 0.031%  |
| 175 | 12.681 | 12.669 | 12.690 | VV | 659    | 6959    | 0.15%   | 0.017%  |
|     |        |        |        |    |        |         |         |         |
| 176 | 12.706 | 12.690 | 12.724 | VV | 1362   | 17975   | 0.40%   | 0.045%  |
| 177 | 12.735 | 12.724 | 12.751 | VV | 768    | 11136   | 0.25%   | 0.028%  |
| 178 | 12.759 | 12.751 | 12.778 | VV | 763    | 9558    | 0.21%   | 0.024%  |
| 179 | 12.816 | 12.778 | 12.845 | VV | 26445  | 300670  | 6.63%   | 0.751%  |
| 180 | 12.873 | 12.845 | 12.883 | VV | 3454   | 42072   | 0.93%   | 0.105%  |
|     |        |        |        |    |        |         |         |         |
| 181 | 12.914 | 12.883 | 12.973 | VV | 304814 | 3486231 | 76.82%  | 8.713%  |
| 182 | 12.991 | 12.973 | 13.009 | VV | 1106   | 17305   | 0.38%   | 0.043%  |
| 183 | 13.019 | 13.009 | 13.045 | VV | 817    | 10574   | 0.23%   | 0.026%  |
| 184 | 13.085 | 13.045 | 13.128 | PV | 2605   | 52445   | 1.16%   | 0.131%  |
| 185 | 13.150 | 13.128 | 13.182 | VV | 1337   | 25102   | 0.55%   | 0.063%  |
|     |        |        |        |    |        |         |         |         |
| 186 | 13.215 | 13.182 | 13.229 | VV | 1023   | 14934   | 0.33%   | 0.037%  |
| 187 | 13.238 | 13.229 | 13.251 | VV | 654    | 7208    | 0.16%   | 0.018%  |
| 188 | 13.273 | 13.251 | 13.298 | VV | 2125   | 36993   | 0.82%   | 0.092%  |
| 189 | 13.305 | 13.298 | 13.350 | VV | 967    | 12129   | 0.27%   | 0.030%  |
| 190 | 13.404 | 13.350 | 13.440 | VV | 5843   | 90593   | 2.00%   | 0.226%  |
|     |        |        |        |    |        |         |         |         |
| 191 | 13.477 | 13.440 | 13.490 | VV | 1013   | 17760   | 0.39%   | 0.044%  |
| 192 | 13.512 | 13.490 | 13.533 | VV | 3646   | 48360   | 1.07%   | 0.121%  |
| 193 | 13.551 | 13.533 | 13.573 | VV | 2922   | 35554   | 0.78%   | 0.089%  |
| 194 | 13.614 | 13.573 | 13.641 | VV | 1321   | 36707   | 0.81%   | 0.092%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.679 | 13.641 | 13.701 | VV | 3344   | 69681  | 1.54% | 0.174% |
| 196 | 13.720 | 13.701 | 13.761 | VV | 2572   | 34601  | 0.76% | 0.086% |
| 197 | 13.767 | 13.761 | 13.778 | VV | 320    | 2730   | 0.06% | 0.007% |
| 198 | 13.792 | 13.778 | 13.835 | VV | 384    | 6394   | 0.14% | 0.016% |
| 199 | 13.890 | 13.835 | 13.948 | VV | 344    | 12839  | 0.28% | 0.032% |
| 200 | 13.966 | 13.948 | 13.975 | PV | 143    | 1281   | 0.03% | 0.003% |
| 201 | 13.990 | 13.975 | 14.004 | VV | 232    | 3240   | 0.07% | 0.008% |
| 202 | 14.021 | 14.004 | 14.030 | VV | 266    | 3411   | 0.08% | 0.009% |
| 203 | 14.050 | 14.030 | 14.075 | VV | 1069   | 18654  | 0.41% | 0.047% |
| 204 | 14.098 | 14.075 | 14.119 | VV | 1751   | 31819  | 0.70% | 0.080% |
| 205 | 14.137 | 14.119 | 14.190 | VV | 1907   | 40598  | 0.89% | 0.101% |
| 206 | 14.223 | 14.190 | 14.258 | VV | 2454   | 52131  | 1.15% | 0.130% |
| 207 | 14.274 | 14.258 | 14.290 | VV | 1596   | 21708  | 0.48% | 0.054% |
| 208 | 14.314 | 14.290 | 14.333 | VV | 2899   | 42259  | 0.93% | 0.106% |
| 209 | 14.341 | 14.333 | 14.354 | VV | 1136   | 12191  | 0.27% | 0.030% |
| 210 | 14.376 | 14.354 | 14.398 | VV | 5022   | 63001  | 1.39% | 0.157% |
| 211 | 14.438 | 14.398 | 14.467 | VV | 2310   | 43250  | 0.95% | 0.108% |
| 212 | 14.500 | 14.467 | 14.518 | PV | 730    | 10433  | 0.23% | 0.026% |
| 213 | 14.561 | 14.518 | 14.586 | VV | 1192   | 27628  | 0.61% | 0.069% |
| 214 | 14.601 | 14.586 | 14.625 | VV | 842    | 12655  | 0.28% | 0.032% |
| 215 | 14.640 | 14.625 | 14.654 | VV | 754    | 8467   | 0.19% | 0.021% |
| 216 | 14.686 | 14.654 | 14.704 | VV | 13535  | 159315 | 3.51% | 0.398% |
| 217 | 14.725 | 14.704 | 14.749 | VV | 14856  | 190669 | 4.20% | 0.477% |
| 218 | 14.760 | 14.749 | 14.788 | VV | 1752   | 24191  | 0.53% | 0.060% |
| 219 | 14.806 | 14.788 | 14.815 | VV | 657    | 8041   | 0.18% | 0.020% |
| 220 | 14.847 | 14.815 | 14.875 | VV | 4280   | 63083  | 1.39% | 0.158% |
| 221 | 14.890 | 14.875 | 14.905 | VV | 1025   | 16293  | 0.36% | 0.041% |
| 222 | 14.924 | 14.905 | 14.958 | VV | 1005   | 18193  | 0.40% | 0.045% |
| 223 | 14.992 | 14.958 | 15.012 | PV | 1444   | 24169  | 0.53% | 0.060% |
| 224 | 15.044 | 15.012 | 15.076 | VV | 1117   | 28362  | 0.62% | 0.071% |
| 225 | 15.136 | 15.076 | 15.218 | VV | 23981  | 375707 | 8.28% | 0.939% |
| 226 | 15.233 | 15.218 | 15.241 | VV | 338    | 3150   | 0.07% | 0.008% |
| 227 | 15.277 | 15.241 | 15.300 | VV | 1746   | 27166  | 0.60% | 0.068% |
| 228 | 15.355 | 15.300 | 15.377 | VV | 5169   | 92175  | 2.03% | 0.230% |
| 229 | 15.395 | 15.377 | 15.421 | VV | 2084   | 28213  | 0.62% | 0.071% |
| 230 | 15.439 | 15.421 | 15.453 | VV | 1083   | 13797  | 0.30% | 0.034% |
| 231 | 15.517 | 15.453 | 15.565 | VV | 3067   | 85502  | 1.88% | 0.214% |
| 232 | 15.593 | 15.565 | 15.618 | VV | 1108   | 20870  | 0.46% | 0.052% |
| 233 | 15.651 | 15.618 | 15.665 | VV | 932    | 15511  | 0.34% | 0.039% |
| 234 | 15.679 | 15.665 | 15.701 | VV | 978    | 15561  | 0.34% | 0.039% |
| 235 | 15.713 | 15.701 | 15.735 | VV | 732    | 11464  | 0.25% | 0.029% |
| 236 | 15.777 | 15.735 | 15.812 | VV | 2497   | 45413  | 1.00% | 0.113% |
| 237 | 15.840 | 15.812 | 15.871 | VV | 387    | 9982   | 0.22% | 0.025% |
| 238 | 15.882 | 15.871 | 15.897 | VV | 370    | 3460   | 0.08% | 0.009% |
| 239 | 15.963 | 15.897 | 15.988 | PV | 1243   | 28384  | 0.63% | 0.071% |
| 240 | 16.025 | 15.988 | 16.040 | VV | 893    | 15059  | 0.33% | 0.038% |
| 241 | 16.065 | 16.040 | 16.089 | VV | 1258   | 22892  | 0.50% | 0.057% |
| 242 | 16.149 | 16.089 | 16.188 | VV | 3475   | 81609  | 1.80% | 0.204% |
| 243 | 16.237 | 16.188 | 16.301 | PV | 18129  | 354065 | 7.80% | 0.885% |
| 244 | 16.335 | 16.301 | 16.344 | VV | 1217   | 19459  | 0.43% | 0.049% |
| 245 | 16.378 | 16.344 | 16.438 | VV | 6318   | 150754 | 3.32% | 0.377% |
| 246 | 16.554 | 16.438 | 16.583 | VV | 11589  | 219953 | 4.85% | 0.550% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 247    | 16.613 | 16.583 | 16.654 | VV | 15832 | 209867 | 4.62%  | 0.524% |
| 248    | 16.718 | 16.654 | 16.747 | VV | 7090  | 144064 | 3.17%  | 0.360% |
| 249    | 16.768 | 16.747 | 16.788 | VV | 3377  | 57229  | 1.26%  | 0.143% |
| 250    | 16.799 | 16.788 | 16.811 | VV | 1688  | 20326  | 0.45%  | 0.051% |
|        |        |        |        |    |       |        |        |        |
| 251    | 16.826 | 16.811 | 16.836 | VV | 1862  | 24995  | 0.55%  | 0.062% |
| 252    | 16.864 | 16.836 | 16.902 | VV | 2066  | 66211  | 1.46%  | 0.165% |
| 253    | 16.921 | 16.902 | 16.938 | VV | 1638  | 30335  | 0.67%  | 0.076% |
| 254    | 16.978 | 16.938 | 17.006 | VV | 4096  | 113066 | 2.49%  | 0.283% |
| 255    | 17.014 | 17.006 | 17.051 | VV | 2578  | 55134  | 1.21%  | 0.138% |
|        |        |        |        |    |       |        |        |        |
| 256    | 17.084 | 17.051 | 17.098 | VV | 3196  | 63340  | 1.40%  | 0.158% |
| 257    | 17.112 | 17.098 | 17.124 | VV | 3112  | 44088  | 0.97%  | 0.110% |
| 258    | 17.137 | 17.124 | 17.150 | VV | 2851  | 38716  | 0.85%  | 0.097% |
| 259    | 17.169 | 17.150 | 17.188 | VV | 4393  | 68956  | 1.52%  | 0.172% |
| 260    | 17.198 | 17.188 | 17.218 | VV | 1997  | 30693  | 0.68%  | 0.077% |
|        |        |        |        |    |       |        |        |        |
| 261    | 17.229 | 17.218 | 17.240 | VV | 1599  | 18744  | 0.41%  | 0.047% |
| 262    | 17.270 | 17.240 | 17.301 | VV | 3038  | 64966  | 1.43%  | 0.162% |
| 263    | 17.309 | 17.301 | 17.317 | VV | 891   | 8199   | 0.18%  | 0.020% |
| 264    | 17.338 | 17.317 | 17.352 | VV | 1056  | 17233  | 0.38%  | 0.043% |
| 265    | 17.386 | 17.352 | 17.418 | VV | 722   | 18310  | 0.40%  | 0.046% |
|        |        |        |        |    |       |        |        |        |
| 266    | 17.455 | 17.418 | 17.469 | VV | 603   | 10544  | 0.23%  | 0.026% |
| 267    | 17.604 | 17.469 | 17.629 | PV | 6544  | 185910 | 4.10%  | 0.465% |
| 268    | 17.695 | 17.629 | 17.717 | VV | 3434  | 117864 | 2.60%  | 0.295% |
| 269    | 17.747 | 17.717 | 17.759 | VV | 4017  | 78500  | 1.73%  | 0.196% |
| 270    | 17.773 | 17.759 | 17.807 | VV | 3888  | 88473  | 1.95%  | 0.221% |
|        |        |        |        |    |       |        |        |        |
| 271    | 17.831 | 17.807 | 17.858 | VV | 3256  | 79206  | 1.75%  | 0.198% |
| 272    | 17.887 | 17.858 | 17.902 | VV | 5562  | 100022 | 2.20%  | 0.250% |
| 273    | 17.918 | 17.902 | 17.935 | VV | 4290  | 70283  | 1.55%  | 0.176% |
| 274    | 17.972 | 17.935 | 18.002 | VV | 17231 | 375486 | 8.27%  | 0.938% |
| 275    | 18.024 | 18.002 | 18.051 | VV | 8473  | 145054 | 3.20%  | 0.363% |
|        |        |        |        |    |       |        |        |        |
| 276    | 18.062 | 18.051 | 18.086 | VV | 1852  | 30432  | 0.67%  | 0.076% |
| 277    | 18.111 | 18.086 | 18.131 | VV | 4716  | 77505  | 1.71%  | 0.194% |
| 278    | 18.143 | 18.131 | 18.200 | VV | 3412  | 63062  | 1.39%  | 0.158% |
| 279    | 18.228 | 18.200 | 18.255 | PV | 11217 | 144408 | 3.18%  | 0.361% |
| 280    | 18.319 | 18.255 | 18.327 | VV | 2593  | 70520  | 1.55%  | 0.176% |
|        |        |        |        |    |       |        |        |        |
| 281    | 18.360 | 18.327 | 18.383 | VV | 5753  | 124052 | 2.73%  | 0.310% |
| 282    | 18.431 | 18.383 | 18.478 | VV | 9380  | 299669 | 6.60%  | 0.749% |
| 283    | 18.492 | 18.478 | 18.501 | VV | 3782  | 50872  | 1.12%  | 0.127% |
| 284    | 18.532 | 18.501 | 18.559 | VV | 7028  | 182227 | 4.02%  | 0.455% |
| 285    | 18.581 | 18.559 | 18.602 | VV | 5402  | 123514 | 2.72%  | 0.309% |
|        |        |        |        |    |       |        |        |        |
| 286    | 18.662 | 18.602 | 18.679 | VV | 4585  | 195365 | 4.30%  | 0.488% |
| 287    | 18.704 | 18.679 | 18.720 | VV | 4015  | 86576  | 1.91%  | 0.216% |
| 288    | 18.740 | 18.720 | 18.755 | VV | 3980  | 68689  | 1.51%  | 0.172% |
| 289    | 18.783 | 18.755 | 18.809 | VV | 10741 | 224774 | 4.95%  | 0.562% |
| 290    | 18.829 | 18.809 | 18.866 | VV | 8258  | 178364 | 3.93%  | 0.446% |
|        |        |        |        |    |       |        |        |        |
| 291    | 18.905 | 18.866 | 18.918 | VV | 4865  | 125720 | 2.77%  | 0.314% |
| 292    | 18.929 | 18.918 | 18.943 | VV | 4848  | 67221  | 1.48%  | 0.168% |
| 293    | 19.023 | 18.943 | 19.048 | VV | 7858  | 381503 | 8.41%  | 0.953% |
| 294    | 19.074 | 19.048 | 19.084 | VV | 7424  | 151731 | 3.34%  | 0.379% |
| 295    | 19.115 | 19.084 | 19.131 | VV | 7749  | 206245 | 4.54%  | 0.515% |
|        |        |        |        |    |       |        |        |        |
| 296    | 19.211 | 19.131 | 19.234 | VV | 12511 | 549315 | 12.10% | 1.373% |
| 297    | 19.265 | 19.234 | 19.290 | VV | 10107 | 321248 | 7.08%  | 0.803% |
| 298    | 19.316 | 19.290 | 19.347 | VV | 10825 | 321655 | 7.09%  | 0.804% |
| 299    | 19.381 | 19.347 | 19.419 | VV | 11547 | 378028 | 8.33%  | 0.945% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 300 | 19.449 | 19.419 | 19.472 | VV | 10132                   | 271043   | 5.97%  | 0.677% |
| 301 | 19.501 | 19.472 | 19.520 | VV | 9415                    | 240767   | 5.31%  | 0.602% |
| 302 | 19.582 | 19.520 | 19.611 | VV | 14784                   | 652888   | 14.39% | 1.632% |
| 303 | 19.703 | 19.611 | 19.714 | VV | 15209                   | 856708   | 18.88% | 2.141% |
| 304 | 19.751 | 19.714 | 19.789 | VV | 18031                   | 712067   | 15.69% | 1.780% |
| 305 | 19.825 | 19.789 | 19.878 | VV | 13460                   | 636348   | 14.02% | 1.590% |
| 306 | 19.907 | 19.878 | 19.917 | VV | 10917                   | 242671   | 5.35%  | 0.606% |
| 307 | 19.949 | 19.917 | 19.963 | VV | 15023                   | 353052   | 7.78%  | 0.882% |
| 308 | 20.070 | 19.963 | 20.081 | VV | 23107                   | 1349294  | 29.73% | 3.372% |
| 309 | 20.106 | 20.081 | 20.208 | VV | 28227                   | 1595510  | 35.16% | 3.987% |
| 310 | 20.243 | 20.208 | 20.255 | VV | 18349                   | 490557   | 10.81% | 1.226% |
| 311 | 20.306 | 20.255 | 20.324 | VV | 23741                   | 878592   | 19.36% | 2.196% |
| 312 | 20.404 | 20.324 | 20.508 | VV | 29970                   | 2812358  | 61.97% | 7.029% |
| 313 | 20.521 | 20.508 | 20.543 | VV | 17637                   | 355987   | 7.84%  | 0.890% |
| 314 | 20.661 | 20.543 | 20.755 | VV | 24217                   | 2501202  | 55.11% | 6.251% |
| 315 | 20.760 | 20.755 | 20.828 | VV | 17530                   | 715387   | 15.76% | 1.788% |
| 316 | 20.842 | 20.828 | 20.881 | VV | 14545                   | 439468   | 9.68%  | 1.098% |
| 317 | 21.003 | 20.881 | 21.035 | VV | 17930                   | 1439960  | 31.73% | 3.599% |
| 318 | 21.052 | 21.035 | 21.129 | VV | 16998                   | 723651   | 15.95% | 1.809% |
| 319 | 21.317 | 21.129 | 21.485 | VV | 11301                   | 1810354  | 39.89% | 4.524% |
| 320 | 21.503 | 21.485 | 21.528 | VV | 2195                    | 39811    | 0.88%  | 0.099% |
| 321 | 21.538 | 21.528 | 21.551 | VV | 584                     | 4744     | 0.10%  | 0.012% |
|     |        |        |        |    | Sum of corrected areas: | 40012902 |        |        |

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