

rteres

Area Percent

## Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110824AL\  
 Data File : FC067676.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Nov 2024 19:57  
 Sample : P4718-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH  
 102324.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         | 3.272       | 3.188        | 3.360      | BV       | 475797         | 4002172      | 43.61%         | 2.599%        |
| 2         | 3.370       | 3.360        | 3.380      | VV       | 167            | 1420         | 0.02%          | 0.001%        |
| 3         | 3.397       | 3.380        | 3.432      | VV       | 272            | 4575         | 0.05%          | 0.003%        |
| 4         | 3.449       | 3.432        | 3.460      | PV       | 204            | 2363         | 0.03%          | 0.002%        |
| 5         | 3.473       | 3.460        | 3.498      | VV       | 318            | 3692         | 0.04%          | 0.002%        |
| 6         | 3.510       | 3.498        | 3.525      | VV       | 163            | 1425         | 0.02%          | 0.001%        |
| 7         | 3.546       | 3.525        | 3.568      | VV       | 420            | 7309         | 0.08%          | 0.005%        |
| 8         | 3.584       | 3.568        | 3.627      | VV       | 401            | 6768         | 0.07%          | 0.004%        |
| 9         | 3.643       | 3.627        | 3.747      | VV       | 466            | 6913         | 0.08%          | 0.004%        |
| 10        | 3.763       | 3.747        | 3.801      | PV       | 243            | 3746         | 0.04%          | 0.002%        |
| 11        | 3.847       | 3.801        | 3.904      | PV       | 256            | 5271         | 0.06%          | 0.003%        |
| 12        | 3.936       | 3.904        | 3.950      | VV       | 801            | 8749         | 0.10%          | 0.006%        |
| 13        | 3.965       | 3.950        | 3.984      | VV       | 1344           | 12445        | 0.14%          | 0.008%        |
| 14        | 3.996       | 3.984        | 4.011      | PV       | 149            | 1941         | 0.02%          | 0.001%        |
| 15        | 4.030       | 4.011        | 4.052      | VV       | 562            | 5660         | 0.06%          | 0.004%        |
| 16        | 4.061       | 4.052        | 4.070      | PV       | 103            | 554          | 0.01%          | 0.000%        |
| 17        | 4.112       | 4.070        | 4.130      | VV       | 954            | 14941        | 0.16%          | 0.010%        |
| 18        | 4.141       | 4.130        | 4.184      | VV       | 349            | 5978         | 0.07%          | 0.004%        |
| 19        | 4.194       | 4.184        | 4.215      | VV       | 116            | 1791         | 0.02%          | 0.001%        |
| 20        | 4.251       | 4.215        | 4.296      | VV       | 199            | 4139         | 0.05%          | 0.003%        |
| 21        | 4.337       | 4.296        | 4.360      | VV       | 534458         | 4886956      | 53.26%         | 3.173%        |
| 22        | 4.376       | 4.360        | 4.421      | VV       | 35247          | 340717       | 3.71%          | 0.221%        |
| 23        | 4.435       | 4.421        | 4.471      | VV       | 1241           | 19815        | 0.22%          | 0.013%        |
| 24        | 4.503       | 4.471        | 4.522      | VV       | 1423           | 20430        | 0.22%          | 0.013%        |
| 25        | 4.558       | 4.522        | 4.572      | VV       | 1177           | 17873        | 0.19%          | 0.012%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 26     | 4.588 | 4.572 | 4.606 | VV | 2163   | 21572   | 0.24%  | 0.014% |
| 27     | 4.616 | 4.606 | 4.638 | VV | 479    | 6692    | 0.07%  | 0.004% |
| 28     | 4.645 | 4.638 | 4.693 | VV | 258    | 7944    | 0.09%  | 0.005% |
| 29     | 4.707 | 4.693 | 4.731 | VV | 425    | 6263    | 0.07%  | 0.004% |
| 30     | 4.746 | 4.731 | 4.763 | VV | 260    | 3524    | 0.04%  | 0.002% |
|        |       |       |       |    |        |         |        |        |
| 31     | 4.805 | 4.763 | 4.838 | VV | 334    | 6903    | 0.08%  | 0.004% |
| 32     | 4.856 | 4.838 | 4.870 | PV | 101    | 1443    | 0.02%  | 0.001% |
| 33     | 4.890 | 4.870 | 4.911 | VV | 354    | 4458    | 0.05%  | 0.003% |
| 34     | 4.967 | 4.911 | 4.997 | VV | 4241   | 58111   | 0.63%  | 0.038% |
| 35     | 5.022 | 4.997 | 5.045 | VV | 1059   | 15086   | 0.16%  | 0.010% |
|        |       |       |       |    |        |         |        |        |
| 36     | 5.052 | 5.045 | 5.060 | VV | 276    | 2360    | 0.03%  | 0.002% |
| 37     | 5.075 | 5.060 | 5.114 | VV | 518    | 7306    | 0.08%  | 0.005% |
| 38     | 5.161 | 5.114 | 5.186 | PV | 277    | 7534    | 0.08%  | 0.005% |
| 39     | 5.193 | 5.186 | 5.217 | VV | 242    | 3686    | 0.04%  | 0.002% |
| 40     | 5.228 | 5.217 | 5.242 | VV | 240    | 2574    | 0.03%  | 0.002% |
|        |       |       |       |    |        |         |        |        |
| 41     | 5.258 | 5.242 | 5.272 | VV | 259    | 3196    | 0.03%  | 0.002% |
| 42     | 5.282 | 5.272 | 5.292 | VV | 148    | 1372    | 0.01%  | 0.001% |
| 43     | 5.301 | 5.292 | 5.325 | VV | 129    | 2043    | 0.02%  | 0.001% |
| 44     | 5.369 | 5.325 | 5.399 | VV | 3858   | 51072   | 0.56%  | 0.033% |
| 45     | 5.410 | 5.399 | 5.435 | VV | 1426   | 15574   | 0.17%  | 0.010% |
|        |       |       |       |    |        |         |        |        |
| 46     | 5.440 | 5.435 | 5.455 | VV | 134    | 1809    | 0.02%  | 0.001% |
| 47     | 5.466 | 5.455 | 5.482 | VV | 394    | 4114    | 0.04%  | 0.003% |
| 48     | 5.550 | 5.482 | 5.589 | VV | 1508   | 23129   | 0.25%  | 0.015% |
| 49     | 5.625 | 5.589 | 5.639 | PV | 314    | 5499    | 0.06%  | 0.004% |
| 50     | 5.665 | 5.639 | 5.699 | VV | 519    | 9516    | 0.10%  | 0.006% |
|        |       |       |       |    |        |         |        |        |
| 51     | 5.758 | 5.699 | 5.789 | VV | 946    | 17022   | 0.19%  | 0.011% |
| 52     | 5.810 | 5.789 | 5.841 | VV | 835    | 12032   | 0.13%  | 0.008% |
| 53     | 5.859 | 5.841 | 5.887 | VV | 847    | 11802   | 0.13%  | 0.008% |
| 54     | 5.914 | 5.887 | 5.938 | VV | 20927  | 214327  | 2.34%  | 0.139% |
| 55     | 5.962 | 5.938 | 5.993 | VV | 5885   | 103081  | 1.12%  | 0.067% |
|        |       |       |       |    |        |         |        |        |
| 56     | 6.009 | 5.993 | 6.051 | VV | 1935   | 31976   | 0.35%  | 0.021% |
| 57     | 6.100 | 6.051 | 6.123 | VV | 6989   | 157325  | 1.71%  | 0.102% |
| 58     | 6.141 | 6.123 | 6.160 | VV | 2569   | 34494   | 0.38%  | 0.022% |
| 59     | 6.183 | 6.160 | 6.211 | VV | 4501   | 60840   | 0.66%  | 0.040% |
| 60     | 6.246 | 6.211 | 6.262 | VV | 3577   | 65153   | 0.71%  | 0.042% |
|        |       |       |       |    |        |         |        |        |
| 61     | 6.278 | 6.262 | 6.300 | VV | 4703   | 62916   | 0.69%  | 0.041% |
| 62     | 6.351 | 6.300 | 6.396 | VV | 563255 | 5715062 | 62.28% | 3.711% |
| 63     | 6.406 | 6.396 | 6.422 | VV | 4394   | 51254   | 0.56%  | 0.033% |
| 64     | 6.445 | 6.422 | 6.467 | VV | 5829   | 112867  | 1.23%  | 0.073% |
| 65     | 6.502 | 6.467 | 6.536 | VV | 9308   | 227109  | 2.47%  | 0.147% |
|        |       |       |       |    |        |         |        |        |
| 66     | 6.549 | 6.536 | 6.556 | VV | 4008   | 46792   | 0.51%  | 0.030% |
| 67     | 6.574 | 6.556 | 6.594 | VV | 5122   | 101574  | 1.11%  | 0.066% |
| 68     | 6.612 | 6.594 | 6.644 | VV | 6970   | 128863  | 1.40%  | 0.084% |
| 69     | 6.679 | 6.644 | 6.696 | VV | 6167   | 128262  | 1.40%  | 0.083% |

|     |       |       |       |        |        |         |         |        |
|-----|-------|-------|-------|--------|--------|---------|---------|--------|
|     |       |       |       | rteres |        |         |         |        |
| 70  | 6.708 | 6.696 | 6.721 | VV     | 4957   | 67763   | 0.74%   | 0.044% |
| 71  | 6.750 | 6.721 | 6.773 | VV     | 5089   | 144210  | 1.57%   | 0.094% |
| 72  | 6.793 | 6.773 | 6.825 | VV     | 7698   | 190707  | 2.08%   | 0.124% |
| 73  | 6.844 | 6.825 | 6.858 | VV     | 11354  | 172879  | 1.88%   | 0.112% |
| 74  | 6.872 | 6.858 | 6.890 | VV     | 10094  | 165788  | 1.81%   | 0.108% |
| 75  | 6.909 | 6.890 | 6.934 | VV     | 9541   | 214976  | 2.34%   | 0.140% |
| 76  | 6.968 | 6.934 | 6.990 | VV     | 17960  | 379579  | 4.14%   | 0.246% |
| 77  | 7.007 | 6.990 | 7.027 | VV     | 11853  | 212072  | 2.31%   | 0.138% |
| 78  | 7.051 | 7.027 | 7.089 | VV     | 21626  | 497616  | 5.42%   | 0.323% |
| 79  | 7.102 | 7.089 | 7.115 | VV     | 10659  | 152876  | 1.67%   | 0.099% |
| 80  | 7.150 | 7.115 | 7.167 | VV     | 19493  | 435525  | 4.75%   | 0.283% |
| 81  | 7.186 | 7.167 | 7.203 | VV     | 13961  | 285642  | 3.11%   | 0.185% |
| 82  | 7.223 | 7.203 | 7.249 | VV     | 25259  | 502859  | 5.48%   | 0.326% |
| 83  | 7.273 | 7.249 | 7.302 | VV     | 105728 | 1349791 | 14.71%  | 0.876% |
| 84  | 7.324 | 7.302 | 7.348 | VV     | 14022  | 362086  | 3.95%   | 0.235% |
| 85  | 7.365 | 7.348 | 7.373 | VV     | 16158  | 226165  | 2.46%   | 0.147% |
| 86  | 7.393 | 7.373 | 7.417 | VV     | 18761  | 444244  | 4.84%   | 0.288% |
| 87  | 7.445 | 7.417 | 7.475 | VV     | 36030  | 795782  | 8.67%   | 0.517% |
| 88  | 7.489 | 7.475 | 7.511 | VV     | 15670  | 320024  | 3.49%   | 0.208% |
| 89  | 7.533 | 7.511 | 7.544 | VV     | 18618  | 319150  | 3.48%   | 0.207% |
| 90  | 7.561 | 7.544 | 7.571 | VV     | 20790  | 308520  | 3.36%   | 0.200% |
| 91  | 7.609 | 7.571 | 7.625 | VV     | 30514  | 730926  | 7.97%   | 0.475% |
| 92  | 7.639 | 7.625 | 7.676 | VV     | 24338  | 598937  | 6.53%   | 0.389% |
| 93  | 7.699 | 7.676 | 7.714 | VV     | 35841  | 582479  | 6.35%   | 0.378% |
| 94  | 7.727 | 7.714 | 7.738 | VV     | 30924  | 400335  | 4.36%   | 0.260% |
| 95  | 7.750 | 7.738 | 7.767 | VV     | 34332  | 477842  | 5.21%   | 0.310% |
| 96  | 7.792 | 7.767 | 7.813 | VV     | 35267  | 701933  | 7.65%   | 0.456% |
| 97  | 7.838 | 7.813 | 7.866 | VV     | 52045  | 1020485 | 11.12%  | 0.663% |
| 98  | 7.894 | 7.866 | 7.918 | VV     | 41201  | 821568  | 8.95%   | 0.533% |
| 99  | 7.963 | 7.918 | 7.989 | VV     | 90620  | 1526630 | 16.64%  | 0.991% |
| 100 | 8.012 | 7.989 | 8.034 | VV     | 26618  | 576950  | 6.29%   | 0.375% |
| 101 | 8.052 | 8.034 | 8.071 | VV     | 27256  | 480234  | 5.23%   | 0.312% |
| 102 | 8.097 | 8.071 | 8.110 | VV     | 22973  | 499756  | 5.45%   | 0.324% |
| 103 | 8.146 | 8.110 | 8.173 | VV     | 798252 | 9176332 | 100.00% | 5.958% |
| 104 | 8.191 | 8.173 | 8.218 | VV     | 32475  | 622222  | 6.78%   | 0.404% |
| 105 | 8.237 | 8.218 | 8.270 | VV     | 23497  | 624669  | 6.81%   | 0.406% |
| 106 | 8.295 | 8.270 | 8.315 | VV     | 26752  | 586438  | 6.39%   | 0.381% |
| 107 | 8.332 | 8.315 | 8.371 | VV     | 19657  | 599310  | 6.53%   | 0.389% |
| 108 | 8.386 | 8.371 | 8.401 | VV     | 17015  | 287107  | 3.13%   | 0.186% |
| 109 | 8.443 | 8.401 | 8.479 | VV     | 61503  | 1209596 | 13.18%  | 0.785% |
| 110 | 8.498 | 8.479 | 8.526 | VV     | 24472  | 574060  | 6.26%   | 0.373% |
| 111 | 8.545 | 8.526 | 8.574 | VV     | 22773  | 575334  | 6.27%   | 0.374% |
| 112 | 8.591 | 8.574 | 8.613 | VV     | 23656  | 417257  | 4.55%   | 0.271% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 113 | 8.631  | 8.613  | 8.648  | VV | 23264  | 366318  | 3.99%  | 0.238% |
| 114 | 8.677  | 8.648  | 8.705  | VV | 69894  | 1096183 | 11.95% | 0.712% |
| 115 | 8.728  | 8.705  | 8.777  | VV | 21545  | 579086  | 6.31%  | 0.376% |
| 116 | 8.824  | 8.777  | 8.842  | VV | 13872  | 399012  | 4.35%  | 0.259% |
| 117 | 8.859  | 8.842  | 8.878  | VV | 10560  | 196410  | 2.14%  | 0.128% |
| 118 | 8.899  | 8.878  | 8.925  | VV | 12254  | 285750  | 3.11%  | 0.186% |
| 119 | 8.963  | 8.925  | 9.021  | VV | 107380 | 1573198 | 17.14% | 1.021% |
| 120 | 9.046  | 9.021  | 9.069  | VV | 9885   | 213675  | 2.33%  | 0.139% |
| 121 | 9.090  | 9.069  | 9.132  | VV | 6527   | 208579  | 2.27%  | 0.135% |
| 122 | 9.163  | 9.132  | 9.174  | VV | 4967   | 113916  | 1.24%  | 0.074% |
| 123 | 9.196  | 9.174  | 9.230  | VV | 5498   | 157444  | 1.72%  | 0.102% |
| 124 | 9.246  | 9.230  | 9.304  | VV | 4803   | 178448  | 1.94%  | 0.116% |
| 125 | 9.336  | 9.304  | 9.367  | VV | 10693  | 242440  | 2.64%  | 0.157% |
| 126 | 9.380  | 9.367  | 9.394  | VV | 4990   | 69721   | 0.76%  | 0.045% |
| 127 | 9.418  | 9.394  | 9.443  | VV | 6279   | 134564  | 1.47%  | 0.087% |
| 128 | 9.466  | 9.443  | 9.485  | VV | 6339   | 109360  | 1.19%  | 0.071% |
| 129 | 9.519  | 9.485  | 9.561  | VV | 6090   | 156095  | 1.70%  | 0.101% |
| 130 | 9.574  | 9.561  | 9.628  | VV | 1921   | 63175   | 0.69%  | 0.041% |
| 131 | 9.657  | 9.628  | 9.674  | VV | 2108   | 46004   | 0.50%  | 0.030% |
| 132 | 9.695  | 9.674  | 9.707  | VV | 2687   | 44694   | 0.49%  | 0.029% |
| 133 | 9.742  | 9.707  | 9.793  | VV | 585850 | 6720263 | 73.23% | 4.363% |
| 134 | 9.805  | 9.793  | 9.901  | VV | 1931   | 92718   | 1.01%  | 0.060% |
| 135 | 9.909  | 9.901  | 9.931  | VV | 1060   | 16592   | 0.18%  | 0.011% |
| 136 | 9.964  | 9.931  | 9.997  | VV | 1202   | 34587   | 0.38%  | 0.022% |
| 137 | 10.016 | 9.997  | 10.036 | VV | 863    | 16048   | 0.17%  | 0.010% |
| 138 | 10.058 | 10.036 | 10.067 | VV | 791    | 12651   | 0.14%  | 0.008% |
| 139 | 10.085 | 10.067 | 10.098 | VV | 1061   | 16388   | 0.18%  | 0.011% |
| 140 | 10.126 | 10.098 | 10.154 | VV | 3219   | 59400   | 0.65%  | 0.039% |
| 141 | 10.172 | 10.154 | 10.192 | VV | 1087   | 19308   | 0.21%  | 0.013% |
| 142 | 10.216 | 10.192 | 10.239 | VV | 1146   | 21318   | 0.23%  | 0.014% |
| 143 | 10.270 | 10.239 | 10.298 | VV | 905    | 19771   | 0.22%  | 0.013% |
| 144 | 10.340 | 10.298 | 10.352 | VV | 585    | 12262   | 0.13%  | 0.008% |
| 145 | 10.370 | 10.352 | 10.395 | VV | 660    | 13246   | 0.14%  | 0.009% |
| 146 | 10.410 | 10.395 | 10.440 | VV | 835    | 17045   | 0.19%  | 0.011% |
| 147 | 10.477 | 10.440 | 10.515 | VV | 3693   | 59312   | 0.65%  | 0.039% |
| 148 | 10.549 | 10.515 | 10.577 | VV | 1539   | 35781   | 0.39%  | 0.023% |
| 149 | 10.604 | 10.577 | 10.635 | VV | 1364   | 28063   | 0.31%  | 0.018% |
| 150 | 10.645 | 10.635 | 10.653 | VV | 355    | 3353    | 0.04%  | 0.002% |
| 151 | 10.669 | 10.653 | 10.681 | VV | 415    | 5651    | 0.06%  | 0.004% |
| 152 | 10.695 | 10.681 | 10.717 | VV | 384    | 6988    | 0.08%  | 0.005% |
| 153 | 10.727 | 10.717 | 10.744 | VV | 302    | 4179    | 0.05%  | 0.003% |
| 154 | 10.759 | 10.744 | 10.773 | VV | 303    | 4188    | 0.05%  | 0.003% |
| 155 | 10.801 | 10.773 | 10.828 | VV | 774    | 14899   | 0.16%  | 0.010% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 156 | 10.848 | 10.828 | 10.880 | VV | 982    | 17707   | 0.19%  | 0.011% |
| 157 | 10.899 | 10.880 | 10.918 | VV | 746    | 12389   | 0.14%  | 0.008% |
| 158 | 10.933 | 10.918 | 10.958 | VV | 472    | 6740    | 0.07%  | 0.004% |
| 159 | 10.983 | 10.958 | 11.021 | VV | 4388   | 53452   | 0.58%  | 0.035% |
| 160 | 11.041 | 11.021 | 11.072 | VV | 236    | 4678    | 0.05%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.110 | 11.072 | 11.141 | VV | 1604   | 22623   | 0.25%  | 0.015% |
| 162 | 11.183 | 11.141 | 11.249 | VV | 569419 | 6807427 | 74.18% | 4.420% |
| 163 | 11.272 | 11.249 | 11.318 | VV | 931    | 20945   | 0.23%  | 0.014% |
| 164 | 11.333 | 11.318 | 11.358 | VV | 303    | 3643    | 0.04%  | 0.002% |
| 165 | 11.380 | 11.358 | 11.388 | PV | 175    | 1874    | 0.02%  | 0.001% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.411 | 11.388 | 11.443 | VV | 188    | 3392    | 0.04%  | 0.002% |
| 167 | 11.472 | 11.443 | 11.480 | VV | 310    | 4174    | 0.05%  | 0.003% |
| 168 | 11.492 | 11.480 | 11.514 | VV | 309    | 5034    | 0.05%  | 0.003% |
| 169 | 11.569 | 11.514 | 11.605 | VV | 688    | 17389   | 0.19%  | 0.011% |
| 170 | 11.635 | 11.605 | 11.685 | VV | 474    | 14803   | 0.16%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.698 | 11.685 | 11.718 | VV | 197    | 3293    | 0.04%  | 0.002% |
| 172 | 11.726 | 11.718 | 11.735 | VV | 220    | 1953    | 0.02%  | 0.001% |
| 173 | 11.746 | 11.735 | 11.763 | VV | 296    | 4044    | 0.04%  | 0.003% |
| 174 | 11.779 | 11.763 | 11.801 | VV | 422    | 7727    | 0.08%  | 0.005% |
| 175 | 11.846 | 11.801 | 11.869 | VV | 1342   | 29727   | 0.32%  | 0.019% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.894 | 11.869 | 11.917 | VV | 415    | 8698    | 0.09%  | 0.006% |
| 177 | 11.939 | 11.917 | 11.955 | VV | 387    | 5978    | 0.07%  | 0.004% |
| 178 | 11.988 | 11.955 | 12.022 | VV | 407    | 11681   | 0.13%  | 0.008% |
| 179 | 12.064 | 12.022 | 12.102 | VV | 971    | 24819   | 0.27%  | 0.016% |
| 180 | 12.130 | 12.102 | 12.153 | VV | 689    | 14490   | 0.16%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.177 | 12.153 | 12.226 | VV | 522    | 16091   | 0.18%  | 0.010% |
| 182 | 12.262 | 12.226 | 12.275 | VV | 522    | 10196   | 0.11%  | 0.007% |
| 183 | 12.311 | 12.275 | 12.329 | VV | 2523   | 42181   | 0.46%  | 0.027% |
| 184 | 12.347 | 12.329 | 12.392 | VV | 1985   | 30940   | 0.34%  | 0.020% |
| 185 | 12.425 | 12.392 | 12.451 | VV | 1331   | 18873   | 0.21%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.490 | 12.451 | 12.574 | VV | 552425 | 6879344 | 74.97% | 4.467% |
| 187 | 12.587 | 12.574 | 12.618 | VV | 396    | 8147    | 0.09%  | 0.005% |
| 188 | 12.630 | 12.618 | 12.692 | VV | 290    | 5490    | 0.06%  | 0.004% |
| 189 | 12.701 | 12.692 | 12.720 | VV | 107    | 849     | 0.01%  | 0.001% |
| 190 | 12.745 | 12.720 | 12.756 | PV | 343    | 4437    | 0.05%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.773 | 12.756 | 12.795 | VV | 289    | 4578    | 0.05%  | 0.003% |
| 192 | 12.807 | 12.795 | 12.831 | VV | 232    | 3031    | 0.03%  | 0.002% |
| 193 | 12.850 | 12.831 | 12.860 | VV | 220    | 2649    | 0.03%  | 0.002% |
| 194 | 12.931 | 12.860 | 12.978 | VV | 322828 | 3927201 | 42.80% | 2.550% |
| 195 | 12.984 | 12.978 | 13.020 | VV | 674    | 11804   | 0.13%  | 0.008% |
|     |        |        |        |    |        |         |        |        |
| 196 | 13.035 | 13.020 | 13.059 | VV | 492    | 8227    | 0.09%  | 0.005% |
| 197 | 13.101 | 13.059 | 13.189 | VV | 529666 | 6627385 | 72.22% | 4.303% |
| 198 | 13.218 | 13.189 | 13.248 | VV | 367    | 10339   | 0.11%  | 0.007% |
| 199 | 13.257 | 13.248 | 13.277 | VV | 291    | 3400    | 0.04%  | 0.002% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | nteres |         |        |        |
| 200 | 13.305 | 13.277 | 13.340 | VV | 434    | 11859   | 0.13%  | 0.008% |
| 201 | 13.364 | 13.340 | 13.418 | VV | 490    | 16640   | 0.18%  | 0.011% |
| 202 | 13.440 | 13.418 | 13.455 | VV | 302    | 4854    | 0.05%  | 0.003% |
| 203 | 13.474 | 13.455 | 13.498 | VV | 524    | 8733    | 0.10%  | 0.006% |
| 204 | 13.526 | 13.498 | 13.595 | VV | 1443   | 29066   | 0.32%  | 0.019% |
| 205 | 13.629 | 13.595 | 13.647 | VV | 1326   | 20693   | 0.23%  | 0.013% |
| 206 | 13.686 | 13.647 | 13.793 | VV | 526705 | 6600336 | 71.93% | 4.285% |
| 207 | 13.808 | 13.793 | 13.854 | VV | 316    | 5553    | 0.06%  | 0.004% |
| 208 | 13.907 | 13.854 | 13.938 | PV | 383    | 10004   | 0.11%  | 0.006% |
| 209 | 13.981 | 13.938 | 14.035 | VV | 241    | 9696    | 0.11%  | 0.006% |
| 210 | 14.118 | 14.035 | 14.162 | VV | 1281   | 26922   | 0.29%  | 0.017% |
| 211 | 14.182 | 14.162 | 14.211 | VV | 320    | 7150    | 0.08%  | 0.005% |
| 212 | 14.244 | 14.211 | 14.275 | VV | 1568   | 22373   | 0.24%  | 0.015% |
| 213 | 14.300 | 14.275 | 14.321 | PV | 382    | 6354    | 0.07%  | 0.004% |
| 214 | 14.334 | 14.321 | 14.341 | VV | 321    | 3445    | 0.04%  | 0.002% |
| 215 | 14.350 | 14.341 | 14.368 | VV | 314    | 4176    | 0.05%  | 0.003% |
| 216 | 14.376 | 14.368 | 14.421 | VV | 349    | 7435    | 0.08%  | 0.005% |
| 217 | 14.445 | 14.421 | 14.461 | VV | 461    | 6329    | 0.07%  | 0.004% |
| 218 | 14.493 | 14.461 | 14.511 | VV | 421    | 9494    | 0.10%  | 0.006% |
| 219 | 14.533 | 14.511 | 14.544 | VV | 346    | 6041    | 0.07%  | 0.004% |
| 220 | 14.558 | 14.544 | 14.611 | VV | 417    | 11917   | 0.13%  | 0.008% |
| 221 | 14.639 | 14.611 | 14.668 | VV | 400    | 10418   | 0.11%  | 0.007% |
| 222 | 14.692 | 14.668 | 14.711 | VV | 429    | 7892    | 0.09%  | 0.005% |
| 223 | 14.739 | 14.711 | 14.748 | VV | 1403   | 18622   | 0.20%  | 0.012% |
| 224 | 14.787 | 14.748 | 14.888 | VV | 500335 | 6512654 | 70.97% | 4.229% |
| 225 | 14.903 | 14.888 | 14.938 | VV | 306    | 6910    | 0.08%  | 0.004% |
| 226 | 14.981 | 14.938 | 15.027 | VV | 364    | 14727   | 0.16%  | 0.010% |
| 227 | 15.037 | 15.027 | 15.066 | VV | 293    | 3968    | 0.04%  | 0.003% |
| 228 | 15.081 | 15.066 | 15.107 | PV | 171    | 2983    | 0.03%  | 0.002% |
| 229 | 15.120 | 15.107 | 15.153 | VV | 222    | 4097    | 0.04%  | 0.003% |
| 230 | 15.182 | 15.153 | 15.190 | VV | 242    | 4136    | 0.05%  | 0.003% |
| 231 | 15.212 | 15.190 | 15.238 | VV | 403    | 7557    | 0.08%  | 0.005% |
| 232 | 15.301 | 15.238 | 15.328 | VV | 1713   | 32884   | 0.36%  | 0.021% |
| 233 | 15.351 | 15.328 | 15.443 | VV | 509    | 16905   | 0.18%  | 0.011% |
| 234 | 15.449 | 15.443 | 15.458 | VV | 192    | 1441    | 0.02%  | 0.001% |
| 235 | 15.487 | 15.458 | 15.528 | VV | 392    | 12051   | 0.13%  | 0.008% |
| 236 | 15.534 | 15.528 | 15.548 | VV | 361    | 2698    | 0.03%  | 0.002% |
| 237 | 15.554 | 15.548 | 15.574 | VV | 219    | 2642    | 0.03%  | 0.002% |
| 238 | 15.617 | 15.574 | 15.651 | VV | 524    | 16767   | 0.18%  | 0.011% |
| 239 | 15.674 | 15.651 | 15.725 | VV | 494    | 15607   | 0.17%  | 0.010% |
| 240 | 15.735 | 15.725 | 15.741 | VV | 219    | 1910    | 0.02%  | 0.001% |
| 241 | 15.807 | 15.741 | 15.911 | VV | 480091 | 6425036 | 70.02% | 4.172% |
| 242 | 15.981 | 15.911 | 16.038 | VV | 548    | 20561   | 0.22%  | 0.013% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 243 | 16.047 | 16.038 | 16.065 | VV | 202    | 2225    | 0.02%  | 0.001% |
| 244 | 16.122 | 16.065 | 16.140 | VV | 333    | 11713   | 0.13%  | 0.008% |
| 245 | 16.163 | 16.140 | 16.178 | VV | 439    | 7108    | 0.08%  | 0.005% |
| 246 | 16.184 | 16.178 | 16.215 | VV | 254    | 4227    | 0.05%  | 0.003% |
| 247 | 16.285 | 16.215 | 16.371 | VV | 2311   | 46726   | 0.51%  | 0.030% |
| 248 | 16.381 | 16.371 | 16.415 | VV | 122    | 1808    | 0.02%  | 0.001% |
| 249 | 16.449 | 16.415 | 16.470 | PV | 390    | 9130    | 0.10%  | 0.006% |
| 250 | 16.484 | 16.470 | 16.505 | VV | 346    | 5935    | 0.06%  | 0.004% |
| 251 | 16.515 | 16.505 | 16.531 | VV | 236    | 3307    | 0.04%  | 0.002% |
| 252 | 16.542 | 16.531 | 16.562 | VV | 334    | 3940    | 0.04%  | 0.003% |
| 253 | 16.631 | 16.562 | 16.666 | VV | 644    | 20937   | 0.23%  | 0.014% |
| 254 | 16.675 | 16.666 | 16.685 | VV | 285    | 2862    | 0.03%  | 0.002% |
| 255 | 16.756 | 16.685 | 16.891 | VV | 457073 | 6369199 | 69.41% | 4.135% |
| 256 | 16.908 | 16.891 | 16.928 | VV | 332    | 4694    | 0.05%  | 0.003% |
| 257 | 16.949 | 16.928 | 16.961 | VV | 309    | 3823    | 0.04%  | 0.002% |
| 258 | 16.985 | 16.961 | 17.025 | VV | 543    | 8632    | 0.09%  | 0.006% |
| 259 | 17.069 | 17.025 | 17.115 | PV | 388    | 10670   | 0.12%  | 0.007% |
| 260 | 17.160 | 17.115 | 17.181 | VV | 396    | 10038   | 0.11%  | 0.007% |
| 261 | 17.201 | 17.181 | 17.261 | VV | 2444   | 34563   | 0.38%  | 0.022% |
| 262 | 17.314 | 17.261 | 17.338 | VV | 365    | 7430    | 0.08%  | 0.005% |
| 263 | 17.349 | 17.338 | 17.381 | VV | 264    | 3981    | 0.04%  | 0.003% |
| 264 | 17.483 | 17.381 | 17.500 | VV | 268    | 8853    | 0.10%  | 0.006% |
| 265 | 17.528 | 17.500 | 17.568 | VV | 5028   | 72606   | 0.79%  | 0.047% |
| 266 | 17.642 | 17.568 | 17.738 | VV | 434298 | 6409018 | 69.84% | 4.161% |
| 267 | 17.771 | 17.738 | 17.831 | VV | 1124   | 30008   | 0.33%  | 0.019% |
| 268 | 17.844 | 17.831 | 17.856 | VV | 166    | 1395    | 0.02%  | 0.001% |
| 269 | 17.877 | 17.856 | 17.891 | VV | 130    | 1462    | 0.02%  | 0.001% |
| 270 | 17.919 | 17.891 | 17.955 | PV | 257    | 6500    | 0.07%  | 0.004% |
| 271 | 17.970 | 17.955 | 18.005 | VV | 257    | 4829    | 0.05%  | 0.003% |
| 272 | 18.058 | 18.005 | 18.094 | VV | 2297   | 35635   | 0.39%  | 0.023% |
| 273 | 18.136 | 18.094 | 18.181 | VV | 926    | 16577   | 0.18%  | 0.011% |
| 274 | 18.203 | 18.181 | 18.245 | VV | 200    | 3621    | 0.04%  | 0.002% |
| 275 | 18.328 | 18.245 | 18.347 | PV | 258    | 8343    | 0.09%  | 0.005% |
| 276 | 18.361 | 18.347 | 18.390 | VV | 333    | 4065    | 0.04%  | 0.003% |
| 277 | 18.403 | 18.390 | 18.410 | VV | 70     | 558     | 0.01%  | 0.000% |
| 278 | 18.472 | 18.410 | 18.528 | VV | 433383 | 6326387 | 68.94% | 4.108% |
| 279 | 18.559 | 18.528 | 18.578 | VV | 420    | 7938    | 0.09%  | 0.005% |
| 280 | 18.607 | 18.578 | 18.658 | PV | 289    | 7307    | 0.08%  | 0.005% |
| 281 | 18.732 | 18.658 | 18.745 | PV | 214    | 3735    | 0.04%  | 0.002% |
| 282 | 18.772 | 18.745 | 18.785 | VV | 126    | 1819    | 0.02%  | 0.001% |
| 283 | 18.866 | 18.785 | 18.927 | PV | 2423   | 45785   | 0.50%  | 0.030% |
| 284 | 18.967 | 18.927 | 18.978 | VV | 405    | 8131    | 0.09%  | 0.005% |
| 285 | 19.034 | 18.978 | 19.045 | VV | 437    | 13191   | 0.14%  | 0.009% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rters                   |           |        |        |
| 286 | 19.058 | 19.045 | 19.079 | VV | 481                     | 8160      | 0.09%  | 0.005% |
| 287 | 19.088 | 19.079 | 19.097 | VV | 386                     | 3541      | 0.04%  | 0.002% |
| 288 | 19.155 | 19.097 | 19.169 | VV | 544                     | 17045     | 0.19%  | 0.011% |
| 289 | 19.255 | 19.169 | 19.325 | VV | 426615                  | 6359771   | 69.31% | 4.129% |
| 290 | 19.342 | 19.325 | 19.382 | VV | 977                     | 27416     | 0.30%  | 0.018% |
| 291 | 19.409 | 19.382 | 19.431 | VV | 736                     | 17007     | 0.19%  | 0.011% |
| 292 | 19.625 | 19.431 | 19.653 | VV | 2008                    | 112788    | 1.23%  | 0.073% |
| 293 | 19.834 | 19.653 | 19.939 | VV | 6830                    | 511327    | 5.57%  | 0.332% |
| 294 | 19.994 | 19.939 | 20.067 | VV | 397235                  | 6336233   | 69.05% | 4.114% |
| 295 | 20.342 | 20.067 | 20.382 | VV | 5375                    | 678532    | 7.39%  | 0.441% |
| 296 | 20.408 | 20.382 | 20.418 | VV | 4106                    | 86788     | 0.95%  | 0.056% |
| 297 | 20.521 | 20.418 | 20.599 | VV | 4554                    | 469054    | 5.11%  | 0.305% |
| 298 | 20.631 | 20.599 | 20.641 | VV | 4119                    | 101322    | 1.10%  | 0.066% |
| 299 | 20.716 | 20.641 | 20.856 | VV | 356650                  | 6684915   | 72.85% | 4.340% |
| 300 | 20.863 | 20.856 | 20.931 | VV | 3683                    | 153004    | 1.67%  | 0.099% |
| 301 | 20.987 | 20.931 | 21.009 | VV | 3083                    | 142626    | 1.55%  | 0.093% |
| 302 | 21.035 | 21.009 | 21.061 | VV | 3120                    | 93672     | 1.02%  | 0.061% |
| 303 | 21.124 | 21.061 | 21.205 | VV | 3526                    | 243695    | 2.66%  | 0.158% |
| 304 | 21.219 | 21.205 | 21.238 | VV | 2324                    | 44980     | 0.49%  | 0.029% |
| 305 | 21.245 | 21.238 | 21.269 | VV | 2191                    | 39580     | 0.43%  | 0.026% |
| 306 | 21.278 | 21.269 | 21.293 | VV | 2185                    | 29910     | 0.33%  | 0.019% |
| 307 | 21.337 | 21.293 | 21.390 | VV | 2104                    | 115833    | 1.26%  | 0.075% |
| 308 | 21.406 | 21.390 | 21.415 | VV | 1959                    | 28240     | 0.31%  | 0.018% |
| 309 | 21.422 | 21.415 | 21.439 | VV | 1915                    | 26088     | 0.28%  | 0.017% |
| 310 | 21.451 | 21.439 | 21.486 | VV | 1773                    | 45571     | 0.50%  | 0.030% |
| 311 | 21.499 | 21.486 | 21.513 | VV | 1523                    | 23495     | 0.26%  | 0.015% |
| 312 | 21.601 | 21.513 | 21.725 | VV | 258719                  | 6279412   | 68.43% | 4.077% |
|     |        |        |        |    | Sum of corrected areas: | 154016003 |        |        |

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