

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040424AL\  
Data File : FE047466.D  
Signal(s) : FID1B.ch  
Acq On : 04 Apr 2024 15:36  
Sample : P1952-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 040224.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         | 3.141       | 3.104        | 3.157      | BV       | 77             | 817          | 0.02%          | 0.002%        |
| 2         | 3.196       | 3.157        | 3.281      | PV       | 1766           | 47160        | 0.99%          | 0.091%        |
| 3         | 3.307       | 3.281        | 3.325      | PV       | 4904           | 50407        | 1.06%          | 0.097%        |
| 4         | 3.337       | 3.325        | 3.436      | VV       | 1597           | 18609        | 0.39%          | 0.036%        |
| 5         | 3.456       | 3.436        | 3.477      | PV       | 130            | 1542         | 0.03%          | 0.003%        |
| 6         | 3.494       | 3.477        | 3.514      | PV       | 265            | 3333         | 0.07%          | 0.006%        |
| 7         | 3.540       | 3.514        | 3.624      | VV       | 2465           | 31060        | 0.65%          | 0.060%        |
| 8         | 3.631       | 3.624        | 3.655      | VV       | 96             | 2015         | 0.04%          | 0.004%        |
| 9         | 3.713       | 3.655        | 3.737      | PV       | 752            | 13229        | 0.28%          | 0.025%        |
| 10        | 3.776       | 3.737        | 3.799      | VV       | 2004           | 35749        | 0.75%          | 0.069%        |
| 11        | 3.827       | 3.799        | 3.871      | VV       | 33209          | 324793       | 6.83%          | 0.624%        |
| 12        | 3.886       | 3.871        | 3.916      | VV       | 217            | 3560         | 0.07%          | 0.007%        |
| 13        | 3.942       | 3.916        | 3.981      | PV       | 30507          | 295629       | 6.22%          | 0.568%        |
| 14        | 4.000       | 3.981        | 4.010      | VV       | 430            | 4702         | 0.10%          | 0.009%        |
| 15        | 4.031       | 4.010        | 4.087      | VV       | 5988           | 67867        | 1.43%          | 0.130%        |
| 16        | 4.101       | 4.087        | 4.114      | VV       | 379            | 3958         | 0.08%          | 0.008%        |
| 17        | 4.133       | 4.114        | 4.170      | VV       | 2292           | 35219        | 0.74%          | 0.068%        |
| 18        | 4.197       | 4.170        | 4.241      | VV       | 528            | 14340        | 0.30%          | 0.028%        |
| 19        | 4.255       | 4.241        | 4.277      | VV       | 265            | 4183         | 0.09%          | 0.008%        |
| 20        | 4.314       | 4.277        | 4.362      | PV       | 2408           | 61984        | 1.30%          | 0.119%        |
| 21        | 4.376       | 4.362        | 4.414      | VV       | 630            | 10905        | 0.23%          | 0.021%        |
| 22        | 4.429       | 4.414        | 4.476      | VV       | 318            | 6352         | 0.13%          | 0.012%        |
| 23        | 4.498       | 4.476        | 4.525      | VV       | 589            | 9611         | 0.20%          | 0.018%        |
| 24        | 4.568       | 4.525        | 4.581      | PV       | 312            | 6985         | 0.15%          | 0.013%        |
| 25        | 4.615       | 4.581        | 4.633      | VV       | 778            | 12881        | 0.27%          | 0.025%        |
| 26        | 4.646       | 4.633        | 4.664      | VV       | 318            | 3797         | 0.08%          | 0.007%        |
| 27        | 4.684       | 4.664        | 4.751      | VV       | 420            | 7695         | 0.16%          | 0.015%        |
| 28        | 4.779       | 4.751        | 4.807      | PV       | 736            | 12375        | 0.26%          | 0.024%        |
| 29        | 4.827       | 4.807        | 4.848      | VV       | 1040           | 15254        | 0.32%          | 0.029%        |
| 30        | 4.859       | 4.848        | 4.876      | VV       | 474            | 6110         | 0.13%          | 0.012%        |
| 31        | 4.895       | 4.876        | 4.938      | VV       | 1725           | 23667        | 0.50%          | 0.045%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.955 | 4.938 | 4.968 | VV | 756    | 9962   | 0.21% | 0.019% |
| 33 | 4.972 | 4.968 | 4.992 | VV | 635    | 6270   | 0.13% | 0.012% |
| 34 | 5.028 | 4.992 | 5.042 | VV | 797    | 14344  | 0.30% | 0.028% |
| 35 | 5.076 | 5.042 | 5.107 | VV | 1165   | 27430  | 0.58% | 0.053% |
| 36 | 5.127 | 5.107 | 5.158 | VV | 1172   | 17416  | 0.37% | 0.033% |
| 37 | 5.183 | 5.158 | 5.210 | VV | 633    | 13153  | 0.28% | 0.025% |
| 38 | 5.226 | 5.210 | 5.247 | VV | 617    | 7363   | 0.15% | 0.014% |
| 39 | 5.292 | 5.247 | 5.308 | VV | 664    | 14339  | 0.30% | 0.028% |
| 40 | 5.320 | 5.308 | 5.345 | VV | 628    | 7463   | 0.16% | 0.014% |
| 41 | 5.373 | 5.345 | 5.384 | PV | 848    | 11538  | 0.24% | 0.022% |
| 42 | 5.396 | 5.384 | 5.409 | VV | 987    | 11557  | 0.24% | 0.022% |
| 43 | 5.421 | 5.409 | 5.470 | VV | 698    | 17325  | 0.36% | 0.033% |
| 44 | 5.491 | 5.470 | 5.511 | PV | 490    | 7836   | 0.16% | 0.015% |
| 45 | 5.531 | 5.511 | 5.540 | VV | 733    | 9061   | 0.19% | 0.017% |
| 46 | 5.553 | 5.540 | 5.575 | VV | 1204   | 15538  | 0.33% | 0.030% |
| 47 | 5.593 | 5.575 | 5.606 | VV | 721    | 9547   | 0.20% | 0.018% |
| 48 | 5.624 | 5.606 | 5.641 | VV | 1191   | 14896  | 0.31% | 0.029% |
| 49 | 5.656 | 5.641 | 5.705 | VV | 821    | 19438  | 0.41% | 0.037% |
| 50 | 5.720 | 5.705 | 5.733 | VV | 463    | 5197   | 0.11% | 0.010% |
| 51 | 5.765 | 5.733 | 5.814 | VV | 2322   | 59956  | 1.26% | 0.115% |
| 52 | 5.824 | 5.814 | 5.836 | VV | 738    | 8127   | 0.17% | 0.016% |
| 53 | 5.849 | 5.836 | 5.862 | VV | 758    | 9046   | 0.19% | 0.017% |
| 54 | 5.875 | 5.862 | 5.888 | VV | 703    | 8043   | 0.17% | 0.015% |
| 55 | 5.901 | 5.888 | 5.911 | VV | 630    | 7254   | 0.15% | 0.014% |
| 56 | 5.935 | 5.911 | 5.966 | VV | 3589   | 56091  | 1.18% | 0.108% |
| 57 | 6.012 | 5.966 | 6.029 | VV | 1089   | 28066  | 0.59% | 0.054% |
| 58 | 6.052 | 6.029 | 6.095 | VV | 2351   | 46655  | 0.98% | 0.090% |
| 59 | 6.117 | 6.095 | 6.148 | VV | 1169   | 20633  | 0.43% | 0.040% |
| 60 | 6.180 | 6.148 | 6.204 | VV | 1190   | 24491  | 0.52% | 0.047% |
| 61 | 6.229 | 6.204 | 6.247 | PV | 1501   | 17563  | 0.37% | 0.034% |
| 62 | 6.282 | 6.247 | 6.301 | VV | 2050   | 35524  | 0.75% | 0.068% |
| 63 | 6.321 | 6.301 | 6.352 | VV | 2401   | 44907  | 0.94% | 0.086% |
| 64 | 6.388 | 6.352 | 6.410 | VV | 4938   | 78265  | 1.65% | 0.150% |
| 65 | 6.425 | 6.410 | 6.448 | VV | 1922   | 32731  | 0.69% | 0.063% |
| 66 | 6.469 | 6.448 | 6.479 | VV | 2043   | 29645  | 0.62% | 0.057% |
| 67 | 6.486 | 6.479 | 6.497 | VV | 1794   | 17170  | 0.36% | 0.033% |
| 68 | 6.509 | 6.497 | 6.536 | VV | 1789   | 35251  | 0.74% | 0.068% |
| 69 | 6.575 | 6.536 | 6.594 | VV | 2175   | 50085  | 1.05% | 0.096% |
| 70 | 6.614 | 6.594 | 6.632 | VV | 1973   | 35895  | 0.76% | 0.069% |
| 71 | 6.653 | 6.632 | 6.674 | VV | 2607   | 44162  | 0.93% | 0.085% |
| 72 | 6.701 | 6.674 | 6.716 | VV | 2308   | 45860  | 0.97% | 0.088% |
| 73 | 6.729 | 6.716 | 6.764 | VV | 2143   | 45987  | 0.97% | 0.088% |
| 74 | 6.775 | 6.764 | 6.785 | VV | 1460   | 16296  | 0.34% | 0.031% |
| 75 | 6.798 | 6.785 | 6.828 | VV | 1798   | 37498  | 0.79% | 0.072% |
| 76 | 6.869 | 6.828 | 6.882 | VV | 2359   | 54426  | 1.15% | 0.104% |
| 77 | 6.902 | 6.882 | 6.918 | VV | 5776   | 77531  | 1.63% | 0.149% |
| 78 | 6.932 | 6.918 | 6.958 | VV | 8184   | 109357 | 2.30% | 0.210% |
| 79 | 6.972 | 6.958 | 6.994 | VV | 4582   | 67671  | 1.42% | 0.130% |

|     |       |       |       |    |                |        |        |        |
|-----|-------|-------|-------|----|----------------|--------|--------|--------|
| 80  | 7.006 | 6.994 | 7.032 | VV | rteres<br>2426 | 40730  | 0.86%  | 0.078% |
| 81  | 7.061 | 7.032 | 7.081 | VV | 2853           | 63766  | 1.34%  | 0.122% |
| 82  | 7.110 | 7.081 | 7.135 | VV | 3973           | 87257  | 1.84%  | 0.168% |
| 83  | 7.147 | 7.135 | 7.157 | VV | 2171           | 24845  | 0.52%  | 0.048% |
| 84  | 7.176 | 7.157 | 7.208 | VV | 3685           | 76333  | 1.61%  | 0.147% |
| 85  | 7.251 | 7.208 | 7.269 | VV | 3534           | 87706  | 1.85%  | 0.168% |
| 86  | 7.289 | 7.269 | 7.298 | VV | 3988           | 57140  | 1.20%  | 0.110% |
| 87  | 7.314 | 7.298 | 7.333 | VV | 5063           | 80860  | 1.70%  | 0.155% |
| 88  | 7.352 | 7.333 | 7.381 | VV | 5280           | 97085  | 2.04%  | 0.186% |
| 89  | 7.409 | 7.381 | 7.430 | VV | 4027           | 90226  | 1.90%  | 0.173% |
| 90  | 7.449 | 7.430 | 7.476 | VV | 3137           | 76360  | 1.61%  | 0.147% |
| 91  | 7.500 | 7.476 | 7.540 | VV | 15419          | 259022 | 5.45%  | 0.497% |
| 92  | 7.557 | 7.540 | 7.579 | VV | 4378           | 77634  | 1.63%  | 0.149% |
| 93  | 7.602 | 7.579 | 7.621 | VV | 5459           | 94584  | 1.99%  | 0.182% |
| 94  | 7.631 | 7.621 | 7.662 | VV | 3235           | 76489  | 1.61%  | 0.147% |
| 95  | 7.690 | 7.662 | 7.713 | VV | 4720           | 119401 | 2.51%  | 0.229% |
| 96  | 7.727 | 7.713 | 7.754 | VV | 5032           | 100326 | 2.11%  | 0.193% |
| 97  | 7.778 | 7.754 | 7.805 | VV | 4548           | 120089 | 2.53%  | 0.231% |
| 98  | 7.817 | 7.805 | 7.834 | VV | 4619           | 71555  | 1.51%  | 0.137% |
| 99  | 7.858 | 7.834 | 7.875 | VV | 4371           | 98953  | 2.08%  | 0.190% |
| 100 | 7.902 | 7.875 | 7.934 | VV | 8542           | 193441 | 4.07%  | 0.371% |
| 101 | 7.952 | 7.934 | 7.972 | VV | 4340           | 84635  | 1.78%  | 0.162% |
| 102 | 7.989 | 7.972 | 8.002 | VV | 4105           | 62473  | 1.31%  | 0.120% |
| 103 | 8.163 | 8.131 | 8.181 | VV | 7107           | 165444 | 3.48%  | 0.318% |
| 104 | 8.192 | 8.181 | 8.202 | VV | 5740           | 68321  | 1.44%  | 0.131% |
| 105 | 8.211 | 8.202 | 8.228 | VV | 5807           | 81196  | 1.71%  | 0.156% |
| 106 | 8.252 | 8.228 | 8.271 | VV | 6056           | 132189 | 2.78%  | 0.254% |
| 107 | 8.304 | 8.271 | 8.322 | VV | 6635           | 169643 | 3.57%  | 0.326% |
| 108 | 8.343 | 8.322 | 8.386 | VV | 9564           | 254537 | 5.36%  | 0.489% |
| 109 | 8.427 | 8.386 | 8.463 | VV | 20965          | 403084 | 8.48%  | 0.774% |
| 110 | 8.485 | 8.463 | 8.503 | VV | 7428           | 157175 | 3.31%  | 0.302% |
| 111 | 8.518 | 8.503 | 8.543 | VV | 7485           | 154710 | 3.26%  | 0.297% |
| 112 | 8.605 | 8.543 | 8.633 | VV | 9066           | 376043 | 7.91%  | 0.722% |
| 113 | 8.653 | 8.633 | 8.673 | VV | 9435           | 179766 | 3.78%  | 0.345% |
| 114 | 8.706 | 8.673 | 8.738 | VV | 7452           | 266035 | 5.60%  | 0.511% |
| 115 | 8.772 | 8.738 | 8.813 | VV | 20540          | 452434 | 9.52%  | 0.869% |
| 116 | 8.832 | 8.813 | 8.847 | VV | 8362           | 153527 | 3.23%  | 0.295% |
| 117 | 8.860 | 8.847 | 8.870 | VV | 7643           | 100128 | 2.11%  | 0.192% |
| 118 | 8.968 | 8.955 | 8.984 | VV | 10912          | 173881 | 3.66%  | 0.334% |
| 119 | 9.003 | 8.984 | 9.022 | VV | 10795          | 210925 | 4.44%  | 0.405% |
| 120 | 9.031 | 9.022 | 9.046 | VV | 7905           | 108355 | 2.28%  | 0.208% |
| 121 | 9.071 | 9.046 | 9.094 | VV | 17675          | 314255 | 6.61%  | 0.603% |
| 122 | 9.147 | 9.094 | 9.206 | VV | 27111          | 784487 | 16.51% | 1.506% |
| 123 | 9.230 | 9.206 | 9.246 | VV | 9507           | 196283 | 4.13%  | 0.377% |
| 124 | 9.262 | 9.246 | 9.280 | VV | 9519           | 172792 | 3.64%  | 0.332% |
| 125 | 9.295 | 9.280 | 9.314 | VV | 10194          | 181846 | 3.83%  | 0.349% |
| 126 | 9.330 | 9.314 | 9.342 | VV | 7715           | 124667 | 2.62%  | 0.239% |

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|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 127 | 9.379  | 9.342  | 9.395  | VV | 9753   | 281427 | 5.92%  | 0.540% |
| 128 | 9.431  | 9.395  | 9.448  | VV | 11209  | 304864 | 6.42%  | 0.585% |
| 129 | 9.469  | 9.448  | 9.503  | VV | 12472  | 337063 | 7.09%  | 0.647% |
| 130 | 9.521  | 9.503  | 9.547  | VV | 10181  | 225650 | 4.75%  | 0.433% |
| 131 | 9.585  | 9.547  | 9.607  | VV | 9669   | 290518 | 6.11%  | 0.558% |
| 132 | 9.617  | 9.607  | 9.627  | VV | 7414   | 85097  | 1.79%  | 0.163% |
| 133 | 9.642  | 9.627  | 9.653  | VV | 8110   | 120540 | 2.54%  | 0.231% |
| 134 | 9.667  | 9.653  | 9.684  | VV | 8556   | 150830 | 3.17%  | 0.290% |
| 135 | 9.723  | 9.684  | 9.784  | VV | 9914   | 506165 | 10.65% | 0.972% |
| 136 | 9.808  | 9.784  | 9.818  | VV | 12223  | 197706 | 4.16%  | 0.380% |
| 137 | 9.830  | 9.818  | 9.859  | VV | 12854  | 250590 | 5.27%  | 0.481% |
| 138 | 9.887  | 9.859  | 9.938  | VV | 15322  | 488171 | 10.27% | 0.937% |
| 139 | 9.973  | 9.938  | 10.024 | VV | 10902  | 471869 | 9.93%  | 0.906% |
| 140 | 10.049 | 10.024 | 10.078 | VV | 8678   | 259470 | 5.46%  | 0.498% |
| 141 | 10.097 | 10.078 | 10.107 | VV | 7763   | 134058 | 2.82%  | 0.257% |
| 142 | 10.132 | 10.107 | 10.148 | VV | 10043  | 219766 | 4.62%  | 0.422% |
| 143 | 10.170 | 10.148 | 10.199 | VV | 11872  | 325697 | 6.85%  | 0.625% |
| 144 | 10.217 | 10.199 | 10.263 | VV | 13386  | 397603 | 8.37%  | 0.763% |
| 145 | 10.321 | 10.263 | 10.364 | VV | 10054  | 545820 | 11.49% | 1.048% |
| 146 | 10.390 | 10.364 | 10.440 | VV | 11412  | 415124 | 8.74%  | 0.797% |
| 147 | 10.450 | 10.440 | 10.470 | VV | 8651   | 148016 | 3.11%  | 0.284% |
| 148 | 10.491 | 10.470 | 10.521 | VV | 9279   | 256437 | 5.40%  | 0.492% |
| 149 | 10.551 | 10.521 | 10.578 | VV | 10673  | 311708 | 6.56%  | 0.598% |
| 150 | 10.604 | 10.578 | 10.631 | VV | 27465  | 520624 | 10.96% | 1.000% |
| 151 | 10.659 | 10.631 | 10.674 | VV | 12861  | 282749 | 5.95%  | 0.543% |
| 152 | 10.686 | 10.674 | 10.713 | VV | 12204  | 250130 | 5.26%  | 0.480% |
| 153 | 10.732 | 10.713 | 10.777 | VV | 13666  | 423187 | 8.91%  | 0.813% |
| 154 | 10.803 | 10.777 | 10.814 | VV | 10928  | 214087 | 4.51%  | 0.411% |
| 155 | 10.824 | 10.814 | 10.840 | VV | 11065  | 164890 | 3.47%  | 0.317% |
| 156 | 10.870 | 10.840 | 10.918 | VV | 12539  | 514757 | 10.83% | 0.988% |
| 157 | 10.953 | 10.918 | 10.995 | VV | 14592  | 550914 | 11.59% | 1.058% |
| 158 | 11.027 | 10.995 | 11.056 | VV | 43916  | 821893 | 17.30% | 1.578% |
| 159 | 11.068 | 11.056 | 11.106 | VV | 11700  | 325081 | 6.84%  | 0.624% |
| 160 | 11.118 | 11.106 | 11.134 | VV | 9887   | 166077 | 3.49%  | 0.319% |
| 161 | 11.166 | 11.134 | 11.184 | VV | 11111  | 310230 | 6.53%  | 0.596% |
| 162 | 11.207 | 11.184 | 11.223 | VV | 11906  | 261047 | 5.49%  | 0.501% |
| 163 | 11.234 | 11.223 | 11.259 | VV | 11394  | 228286 | 4.80%  | 0.438% |
| 164 | 11.289 | 11.259 | 11.321 | VV | 12546  | 400923 | 8.44%  | 0.770% |
| 165 | 11.348 | 11.321 | 11.378 | VV | 13318  | 380242 | 8.00%  | 0.730% |
| 166 | 11.387 | 11.378 | 11.401 | VV | 9902   | 136525 | 2.87%  | 0.262% |
| 167 | 11.431 | 11.401 | 11.451 | VV | 10958  | 308324 | 6.49%  | 0.592% |
| 168 | 11.462 | 11.451 | 11.470 | VV | 10249  | 113629 | 2.39%  | 0.218% |
| 169 | 11.488 | 11.470 | 11.499 | VV | 10577  | 180354 | 3.80%  | 0.346% |
| 170 | 11.519 | 11.499 | 11.541 | VV | 12215  | 274949 | 5.79%  | 0.528% |
| 171 | 11.567 | 11.541 | 11.578 | VV | 11405  | 239146 | 5.03%  | 0.459% |
| 172 | 11.605 | 11.578 | 11.627 | VV | 12094  | 337091 | 7.09%  | 0.647% |
| 173 | 11.656 | 11.627 | 11.674 | VV | 13467  | 337294 | 7.10%  | 0.648% |
| 174 | 11.686 | 11.674 | 11.718 | VV | 11840  | 298916 | 6.29%  | 0.574% |

|     |        |        |        |    |                 |         |         |        |
|-----|--------|--------|--------|----|-----------------|---------|---------|--------|
| 175 | 11.749 | 11.718 | 11.782 | VV | rteres<br>25744 | 618695  | 13.02%  | 1.188% |
| 176 | 11.810 | 11.782 | 11.834 | VV | 11363           | 318536  | 6.70%   | 0.612% |
| 177 | 11.862 | 11.834 | 11.888 | VV | 10603           | 319680  | 6.73%   | 0.614% |
| 178 | 11.924 | 11.888 | 11.936 | VV | 11080           | 306369  | 6.45%   | 0.588% |
| 179 | 11.981 | 11.936 | 12.026 | VV | 402742          | 4752168 | 100.00% | 9.124% |
| 180 | 12.045 | 12.026 | 12.084 | VV | 11481           | 363130  | 7.64%   | 0.697% |
| 181 | 12.112 | 12.084 | 12.144 | VV | 10595           | 362959  | 7.64%   | 0.697% |
| 182 | 12.167 | 12.144 | 12.186 | VV | 12142           | 276917  | 5.83%   | 0.532% |
| 183 | 12.203 | 12.186 | 12.244 | VV | 11065           | 353398  | 7.44%   | 0.679% |
| 184 | 12.308 | 12.244 | 12.384 | VV | 14216           | 883132  | 18.58%  | 1.696% |
| 185 | 12.419 | 12.384 | 12.448 | VV | 9875            | 364889  | 7.68%   | 0.701% |
| 186 | 12.456 | 12.448 | 12.469 | VV | 9754            | 119522  | 2.52%   | 0.229% |
| 187 | 12.476 | 12.469 | 12.501 | VV | 9158            | 169327  | 3.56%   | 0.325% |
| 188 | 12.519 | 12.501 | 12.528 | VV | 8932            | 139528  | 2.94%   | 0.268% |
| 189 | 12.571 | 12.528 | 12.613 | VV | 32328           | 717772  | 15.10%  | 1.378% |
| 190 | 12.630 | 12.613 | 12.678 | VV | 9416            | 341140  | 7.18%   | 0.655% |
| 191 | 12.692 | 12.678 | 12.728 | VV | 8724            | 248655  | 5.23%   | 0.477% |
| 192 | 12.759 | 12.728 | 12.778 | VV | 8900            | 246626  | 5.19%   | 0.474% |
| 193 | 12.824 | 12.778 | 12.845 | VV | 9119            | 334667  | 7.04%   | 0.643% |
| 194 | 12.867 | 12.845 | 12.898 | VV | 9958            | 280529  | 5.90%   | 0.539% |
| 195 | 12.915 | 12.898 | 12.938 | VV | 10064           | 214983  | 4.52%   | 0.413% |
| 196 | 12.968 | 12.938 | 13.011 | VV | 9541            | 359704  | 7.57%   | 0.691% |
| 197 | 13.030 | 13.011 | 13.070 | VV | 11482           | 297087  | 6.25%   | 0.570% |
| 198 | 13.086 | 13.070 | 13.104 | VV | 7149            | 139185  | 2.93%   | 0.267% |
| 199 | 13.114 | 13.104 | 13.138 | VV | 6402            | 124541  | 2.62%   | 0.239% |
| 200 | 13.158 | 13.138 | 13.182 | VV | 6623            | 163815  | 3.45%   | 0.315% |
| 201 | 13.190 | 13.182 | 13.204 | VV | 5789            | 75124   | 1.58%   | 0.144% |
| 202 | 13.228 | 13.204 | 13.261 | VV | 6432            | 204968  | 4.31%   | 0.394% |
| 203 | 13.276 | 13.261 | 13.305 | VV | 5698            | 145199  | 3.06%   | 0.279% |
| 204 | 13.329 | 13.305 | 13.354 | VV | 9774            | 203882  | 4.29%   | 0.391% |
| 205 | 13.414 | 13.354 | 13.448 | VV | 274354          | 3540682 | 74.51%  | 6.798% |
| 206 | 13.463 | 13.448 | 13.558 | VV | 6254            | 336861  | 7.09%   | 0.647% |
| 207 | 13.581 | 13.558 | 13.593 | VV | 5483            | 103002  | 2.17%   | 0.198% |
| 208 | 13.597 | 13.593 | 13.611 | VV | 5357            | 57870   | 1.22%   | 0.111% |
| 209 | 13.624 | 13.611 | 13.644 | VV | 5303            | 100978  | 2.12%   | 0.194% |
| 210 | 13.660 | 13.644 | 13.708 | VV | 5331            | 167924  | 3.53%   | 0.322% |
| 211 | 13.724 | 13.708 | 13.738 | VV | 4263            | 72130   | 1.52%   | 0.138% |
| 212 | 13.753 | 13.738 | 13.773 | VV | 4223            | 84607   | 1.78%   | 0.162% |
| 213 | 13.804 | 13.773 | 13.873 | VV | 8934            | 278238  | 5.85%   | 0.534% |
| 214 | 13.917 | 13.873 | 13.948 | VV | 4158            | 158021  | 3.33%   | 0.303% |
| 215 | 13.957 | 13.948 | 13.976 | VV | 3123            | 50034   | 1.05%   | 0.096% |
| 216 | 14.024 | 13.976 | 14.047 | VV | 3391            | 130381  | 2.74%   | 0.250% |
| 217 | 14.067 | 14.047 | 14.096 | VV | 3432            | 88740   | 1.87%   | 0.170% |
| 218 | 14.111 | 14.096 | 14.137 | VV | 3095            | 68256   | 1.44%   | 0.131% |
| 219 | 14.165 | 14.137 | 14.182 | VV | 3540            | 78375   | 1.65%   | 0.150% |
| 220 | 14.191 | 14.182 | 14.215 | VV | 2949            | 53386   | 1.12%   | 0.103% |
| 221 | 14.234 | 14.215 | 14.287 | VV | 2421            | 91840   | 1.93%   | 0.176% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 222 | 14.299 | 14.287 | 14.348 | VV | 1920   | 63051  | 1.33% | 0.121% |
| 223 | 14.354 | 14.348 | 14.364 | VV | 1649   | 15263  | 0.32% | 0.029% |
| 224 | 14.393 | 14.364 | 14.434 | VV | 2073   | 73714  | 1.55% | 0.142% |
| 225 | 14.458 | 14.434 | 14.494 | VV | 1687   | 51790  | 1.09% | 0.099% |
| 226 | 14.500 | 14.494 | 14.512 | VV | 1336   | 13464  | 0.28% | 0.026% |
| 227 | 14.559 | 14.512 | 14.578 | VV | 1993   | 66670  | 1.40% | 0.128% |
| 228 | 14.600 | 14.578 | 14.624 | VV | 2796   | 57871  | 1.22% | 0.111% |
| 229 | 14.643 | 14.624 | 14.668 | VV | 1776   | 40637  | 0.86% | 0.078% |
| 230 | 14.680 | 14.668 | 14.708 | VV | 1361   | 26688  | 0.56% | 0.051% |
| 231 | 14.728 | 14.708 | 14.775 | VV | 2452   | 59511  | 1.25% | 0.114% |
| 232 | 14.795 | 14.775 | 14.809 | VV | 1169   | 22107  | 0.47% | 0.042% |
| 233 | 14.827 | 14.809 | 14.876 | VV | 1256   | 44166  | 0.93% | 0.085% |
| 234 | 14.895 | 14.876 | 14.916 | VV | 1466   | 24979  | 0.53% | 0.048% |
| 235 | 14.946 | 14.916 | 15.003 | VV | 1349   | 45185  | 0.95% | 0.087% |
| 236 | 15.035 | 15.003 | 15.065 | VV | 862    | 26544  | 0.56% | 0.051% |
| 237 | 15.081 | 15.065 | 15.090 | VV | 689    | 9086   | 0.19% | 0.017% |
| 238 | 15.108 | 15.090 | 15.140 | VV | 823    | 20467  | 0.43% | 0.039% |
| 239 | 15.159 | 15.140 | 15.173 | VV | 758    | 12334  | 0.26% | 0.024% |
| 240 | 15.205 | 15.173 | 15.221 | VV | 3268   | 50549  | 1.06% | 0.097% |
| 241 | 15.244 | 15.221 | 15.291 | VV | 3336   | 82193  | 1.73% | 0.158% |
| 242 | 15.312 | 15.291 | 15.343 | VV | 1629   | 28489  | 0.60% | 0.055% |
| 243 | 15.366 | 15.343 | 15.443 | VV | 880    | 22344  | 0.47% | 0.043% |
| 244 | 15.459 | 15.443 | 15.484 | VV | 235    | 3429   | 0.07% | 0.007% |
| 245 | 15.514 | 15.484 | 15.593 | PV | 360    | 11244  | 0.24% | 0.022% |
| 246 | 15.606 | 15.593 | 15.610 | VV | 143    | 733    | 0.02% | 0.001% |
| 247 | 15.648 | 15.610 | 15.730 | VV | 14300  | 252894 | 5.32% | 0.486% |
| 248 | 15.742 | 15.730 | 15.761 | VV | 405    | 5679   | 0.12% | 0.011% |
| 249 | 15.789 | 15.761 | 15.827 | VV | 2038   | 41491  | 0.87% | 0.080% |
| 250 | 15.865 | 15.827 | 15.900 | VV | 4345   | 65602  | 1.38% | 0.126% |
| 251 | 15.919 | 15.900 | 15.947 | VV | 341    | 5869   | 0.12% | 0.011% |
| 252 | 15.966 | 15.947 | 16.006 | VV | 172    | 2476   | 0.05% | 0.005% |
| 253 | 16.022 | 16.006 | 16.080 | VV | 285    | 7616   | 0.16% | 0.015% |
| 254 | 16.111 | 16.080 | 16.138 | PV | 250    | 5136   | 0.11% | 0.010% |
| 255 | 16.168 | 16.138 | 16.223 | PV | 545    | 11467  | 0.24% | 0.022% |
| 256 | 16.244 | 16.223 | 16.261 | VV | 324    | 4481   | 0.09% | 0.009% |
| 257 | 16.288 | 16.261 | 16.333 | VV | 1618   | 25433  | 0.54% | 0.049% |
| 258 | 16.348 | 16.333 | 16.404 | VV | 584    | 7656   | 0.16% | 0.015% |
| 259 | 16.498 | 16.404 | 16.529 | PV | 392    | 12160  | 0.26% | 0.023% |
| 260 | 16.586 | 16.529 | 16.631 | VV | 526    | 17653  | 0.37% | 0.034% |
| 261 | 16.662 | 16.631 | 16.703 | VV | 3194   | 65249  | 1.37% | 0.125% |
| 262 | 16.766 | 16.703 | 16.821 | VV | 4839   | 143302 | 3.02% | 0.275% |
| 263 | 16.849 | 16.821 | 16.874 | VV | 1163   | 19691  | 0.41% | 0.038% |
| 264 | 16.898 | 16.874 | 16.918 | VV | 1448   | 20868  | 0.44% | 0.040% |
| 265 | 16.937 | 16.918 | 16.978 | VV | 603    | 13953  | 0.29% | 0.027% |
| 266 | 17.084 | 16.978 | 17.107 | VV | 1628   | 49612  | 1.04% | 0.095% |
| 267 | 17.137 | 17.107 | 17.184 | VV | 2881   | 55074  | 1.16% | 0.106% |
| 268 | 17.202 | 17.184 | 17.218 | VV | 651    | 9576   | 0.20% | 0.018% |
| 269 | 17.237 | 17.218 | 17.260 | VV | 2717   | 39374  | 0.83% | 0.076% |

|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 270 | 17.286 | 17.260 | 17.300 | VV | 2378  | 36379  | 0.77%  | 0.070% |
| 271 | 17.312 | 17.300 | 17.360 | VV | 2563  | 33400  | 0.70%  | 0.064% |
| 272 | 17.369 | 17.360 | 17.374 | VV | 190   | 1188   | 0.02%  | 0.002% |
| 273 | 17.433 | 17.374 | 17.461 | VV | 329   | 9506   | 0.20%  | 0.018% |
| 274 | 17.494 | 17.461 | 17.533 | VV | 433   | 10931  | 0.23%  | 0.021% |
| 275 | 17.606 | 17.533 | 17.651 | VV | 1679  | 49773  | 1.05%  | 0.096% |
| 276 | 17.685 | 17.651 | 17.721 | VV | 3225  | 55349  | 1.16%  | 0.106% |
| 277 | 17.727 | 17.721 | 17.741 | VV | 214   | 1722   | 0.04%  | 0.003% |
| 278 | 17.770 | 17.741 | 17.793 | VV | 1558  | 23985  | 0.50%  | 0.046% |
| 279 | 17.805 | 17.793 | 17.883 | VV | 514   | 16282  | 0.34%  | 0.031% |
| 280 | 17.909 | 17.883 | 17.938 | PV | 590   | 10282  | 0.22%  | 0.020% |
| 281 | 17.978 | 17.938 | 18.001 | VV | 406   | 6865   | 0.14%  | 0.013% |
| 282 | 18.077 | 18.001 | 18.097 | VV | 1279  | 33447  | 0.70%  | 0.064% |
| 283 | 18.122 | 18.097 | 18.161 | VV | 3450  | 53105  | 1.12%  | 0.102% |
| 284 | 18.211 | 18.161 | 18.243 | PV | 8177  | 118639 | 2.50%  | 0.228% |
| 285 | 18.279 | 18.243 | 18.292 | VV | 966   | 17997  | 0.38%  | 0.035% |
| 286 | 18.314 | 18.292 | 18.334 | VV | 794   | 17385  | 0.37%  | 0.033% |
| 287 | 18.356 | 18.334 | 18.378 | VV | 989   | 19013  | 0.40%  | 0.037% |
| 288 | 18.485 | 18.378 | 18.521 | VV | 10205 | 311072 | 6.55%  | 0.597% |
| 289 | 18.542 | 18.521 | 18.592 | VV | 8064  | 143729 | 3.02%  | 0.276% |
| 290 | 18.641 | 18.592 | 18.691 | VV | 1833  | 46877  | 0.99%  | 0.090% |
| 291 | 18.755 | 18.691 | 18.788 | VV | 3636  | 79958  | 1.68%  | 0.154% |
| 292 | 18.844 | 18.788 | 18.877 | VV | 396   | 13799  | 0.29%  | 0.026% |
| 293 | 18.952 | 18.877 | 19.010 | PV | 4116  | 79891  | 1.68%  | 0.153% |
| 294 | 19.054 | 19.010 | 19.095 | PV | 3180  | 60978  | 1.28%  | 0.117% |
| 295 | 19.112 | 19.095 | 19.186 | VV | 690   | 18890  | 0.40%  | 0.036% |
| 296 | 19.312 | 19.186 | 19.334 | PV | 4758  | 110224 | 2.32%  | 0.212% |
| 297 | 19.350 | 19.334 | 19.405 | VV | 4040  | 86693  | 1.82%  | 0.166% |
| 298 | 19.442 | 19.405 | 19.470 | VV | 583   | 17243  | 0.36%  | 0.033% |
| 299 | 19.492 | 19.470 | 19.527 | VV | 1062  | 21187  | 0.45%  | 0.041% |
| 300 | 19.550 | 19.527 | 19.574 | VV | 713   | 10680  | 0.22%  | 0.021% |
| 301 | 19.601 | 19.574 | 19.618 | VV | 350   | 4827   | 0.10%  | 0.009% |
| 302 | 19.649 | 19.618 | 19.674 | VV | 808   | 11086  | 0.23%  | 0.021% |
| 303 | 19.736 | 19.674 | 19.771 | PV | 3209  | 54732  | 1.15%  | 0.105% |
| 304 | 19.802 | 19.771 | 19.820 | VV | 1715  | 26541  | 0.56%  | 0.051% |
| 305 | 19.846 | 19.820 | 19.884 | VV | 1630  | 38914  | 0.82%  | 0.075% |
| 306 | 19.912 | 19.884 | 19.939 | VV | 1688  | 34004  | 0.72%  | 0.065% |
| 307 | 19.985 | 19.939 | 19.996 | VV | 733   | 20605  | 0.43%  | 0.040% |
| 308 | 20.027 | 19.996 | 20.050 | VV | 1220  | 30069  | 0.63%  | 0.058% |
| 309 | 20.107 | 20.050 | 20.139 | VV | 5237  | 131852 | 2.77%  | 0.253% |
| 310 | 20.155 | 20.139 | 20.174 | VV | 1483  | 29441  | 0.62%  | 0.057% |
| 311 | 20.337 | 20.174 | 20.348 | VV | 2830  | 179822 | 3.78%  | 0.345% |
| 312 | 20.361 | 20.348 | 20.381 | VV | 2849  | 51332  | 1.08%  | 0.099% |
| 313 | 20.475 | 20.381 | 20.500 | VV | 5551  | 222987 | 4.69%  | 0.428% |
| 314 | 20.641 | 20.500 | 20.666 | VV | 6519  | 390984 | 8.23%  | 0.751% |
| 315 | 20.706 | 20.666 | 20.738 | VV | 5090  | 212751 | 4.48%  | 0.408% |
| 316 | 20.832 | 20.738 | 20.888 | VV | 7632  | 519813 | 10.94% | 0.998% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 317 | 20.942 | 20.888 | 20.964 | VV | 6049                    | 269003   | 5.66%  | 0.516% |
| 318 | 21.007 | 20.964 | 21.044 | VV | 5963                    | 279243   | 5.88%  | 0.536% |
| 319 | 21.141 | 21.044 | 21.151 | VV | 5785                    | 366841   | 7.72%  | 0.704% |
| 320 | 21.217 | 21.151 | 21.259 | VV | 7425                    | 392726   | 8.26%  | 0.754% |
| 321 | 21.288 | 21.259 | 21.301 | VV | 5175                    | 131045   | 2.76%  | 0.252% |
| 322 | 21.380 | 21.301 | 21.398 | VV | 4890                    | 285661   | 6.01%  | 0.548% |
| 323 | 21.543 | 21.398 | 21.582 | VV | 4353                    | 485474   | 10.22% | 0.932% |
| 324 | 21.590 | 21.582 | 21.601 | VV | 3967                    | 44584    | 0.94%  | 0.086% |
| 325 | 21.650 | 21.601 | 21.721 | VV | 5067                    | 292765   | 6.16%  | 0.562% |
| 326 | 21.745 | 21.721 | 21.754 | VV | 3499                    | 67849    | 1.43%  | 0.130% |
| 327 | 21.765 | 21.754 | 21.881 | VV | 3406                    | 214106   | 4.51%  | 0.411% |
| 328 | 21.896 | 21.881 | 21.940 | VV | 2177                    | 72822    | 1.53%  | 0.140% |
| 329 | 21.992 | 21.940 | 22.011 | VV | 1807                    | 77274    | 1.63%  | 0.148% |
| 330 | 22.025 | 22.011 | 22.094 | VV | 1597                    | 68696    | 1.45%  | 0.132% |
| 331 | 22.144 | 22.094 | 22.233 | VV | 2302                    | 89202    | 1.88%  | 0.171% |
|     |        |        |        |    | Sum of corrected areas: | 52083597 |        |        |

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