

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111221AL\  
 Data File : FC056763.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Nov 2021 19:49  
 Sample : M4651-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.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         | 3.258       | 3.205        | 3.282      | BV       | 395            | 5785         | 0.12%          | 0.004%        |
| 2         | 3.329       | 3.282        | 3.352      | VV       | 264            | 6730         | 0.13%          | 0.005%        |
| 3         | 3.379       | 3.352        | 3.391      | PV       | 277            | 3917         | 0.08%          | 0.003%        |
| 4         | 3.405       | 3.391        | 3.445      | VV       | 317            | 5997         | 0.12%          | 0.005%        |
| 5         | 3.458       | 3.445        | 3.488      | VV       | 259            | 2797         | 0.06%          | 0.002%        |
| 6         | 3.525       | 3.488        | 3.533      | VV       | 209            | 3480         | 0.07%          | 0.003%        |
| 7         | 3.562       | 3.533        | 3.591      | VV       | 203            | 4778         | 0.10%          | 0.004%        |
| 8         | 3.599       | 3.591        | 3.614      | VV       | 207            | 2243         | 0.04%          | 0.002%        |
| 9         | 3.625       | 3.614        | 3.648      | VV       | 219            | 3793         | 0.08%          | 0.003%        |
| 10        | 3.667       | 3.648        | 3.717      | VV       | 554            | 10093        | 0.20%          | 0.008%        |
| 11        | 3.751       | 3.717        | 3.826      | VV       | 410            | 20221        | 0.40%          | 0.015%        |
| 12        | 3.862       | 3.826        | 3.888      | VV       | 401            | 11041        | 0.22%          | 0.008%        |
| 13        | 3.907       | 3.888        | 3.919      | VV       | 443            | 5253         | 0.10%          | 0.004%        |
| 14        | 3.947       | 3.919        | 3.993      | VV       | 462            | 10609        | 0.21%          | 0.008%        |
| 15        | 4.049       | 3.993        | 4.108      | VV       | 3606           | 49947        | 1.00%          | 0.038%        |
| 16        | 4.127       | 4.108        | 4.142      | VV       | 409            | 6720         | 0.13%          | 0.005%        |
| 17        | 4.149       | 4.142        | 4.170      | VV       | 338            | 4764         | 0.09%          | 0.004%        |
| 18        | 4.234       | 4.170        | 4.297      | VV       | 541            | 29542        | 0.59%          | 0.022%        |
| 19        | 4.326       | 4.297        | 4.418      | VV       | 387            | 22421        | 0.45%          | 0.017%        |
| 20        | 4.435       | 4.418        | 4.468      | VV       | 442            | 9315         | 0.19%          | 0.007%        |
| 21        | 4.479       | 4.468        | 4.495      | VV       | 332            | 3766         | 0.08%          | 0.003%        |
| 22        | 4.504       | 4.495        | 4.525      | VV       | 238            | 3273         | 0.07%          | 0.002%        |
| 23        | 4.586       | 4.525        | 4.623      | VV       | 800            | 20287        | 0.40%          | 0.015%        |
| 24        | 4.658       | 4.623        | 4.698      | VV       | 586            | 15916        | 0.32%          | 0.012%        |
| 25        | 4.707       | 4.698        | 4.740      | VV       | 298            | 5698         | 0.11%          | 0.004%        |
| 26        | 4.787       | 4.740        | 4.798      | VV       | 286            | 6980         | 0.14%          | 0.005%        |
| 27        | 4.814       | 4.798        | 4.851      | VV       | 269            | 7496         | 0.15%          | 0.006%        |
| 28        | 4.855       | 4.851        | 4.868      | VV       | 242            | 1845         | 0.04%          | 0.001%        |
| 29        | 4.904       | 4.868        | 4.914      | VV       | 249            | 4103         | 0.08%          | 0.003%        |
| 30        | 4.931       | 4.914        | 4.951      | VV       | 196            | 3381         | 0.07%          | 0.003%        |
| 31        | 4.964       | 4.951        | 5.011      | VV       | 290            | 7125         | 0.14%          | 0.005%        |
| 32        | 5.035       | 5.011        | 5.051      | VV       | 311            | 5550         | 0.11%          | 0.004%        |
| 33        | 5.069       | 5.051        | 5.106      | VV       | 1071           | 14397        | 0.29%          | 0.011%        |
| 34        | 5.125       | 5.106        | 5.143      | VV       | 487            | 6608         | 0.13%          | 0.005%        |
| 35        | 5.152       | 5.143        | 5.167      | VV       | 162            | 1691         | 0.03%          | 0.001%        |
| 36        | 5.189       | 5.167        | 5.220      | VV       | 242            | 5092         | 0.10%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.263 | 5.220 | 5.280 | VV | 456    | 8626   | 0.17% | 0.007% |
| 38 | 5.302 | 5.280 | 5.348 | VV | 650    | 13098  | 0.26% | 0.010% |
| 39 | 5.372 | 5.348 | 5.398 | VV | 294    | 6527   | 0.13% | 0.005% |
| 40 | 5.407 | 5.398 | 5.417 | VV | 191    | 1570   | 0.03% | 0.001% |
| 41 | 5.441 | 5.417 | 5.460 | VV | 266    | 4973   | 0.10% | 0.004% |
| 42 | 5.479 | 5.460 | 5.497 | VV | 424    | 6836   | 0.14% | 0.005% |
| 43 | 5.522 | 5.497 | 5.557 | VV | 973    | 18273  | 0.36% | 0.014% |
| 44 | 5.571 | 5.557 | 5.599 | VV | 502    | 6461   | 0.13% | 0.005% |
| 45 | 5.663 | 5.599 | 5.729 | VV | 426    | 21235  | 0.42% | 0.016% |
| 46 | 5.760 | 5.729 | 5.771 | VV | 464    | 9211   | 0.18% | 0.007% |
| 47 | 5.781 | 5.771 | 5.801 | VV | 425    | 6406   | 0.13% | 0.005% |
| 48 | 5.817 | 5.801 | 5.863 | VV | 390    | 7035   | 0.14% | 0.005% |
| 49 | 5.888 | 5.863 | 5.909 | VV | 329    | 4290   | 0.09% | 0.003% |
| 50 | 5.931 | 5.909 | 5.955 | PV | 285    | 4099   | 0.08% | 0.003% |
| 51 | 6.032 | 5.955 | 6.063 | VV | 2140   | 36773  | 0.73% | 0.028% |
| 52 | 6.086 | 6.063 | 6.158 | VV | 8578   | 186010 | 3.71% | 0.141% |
| 53 | 6.167 | 6.158 | 6.284 | VV | 1403   | 52192  | 1.04% | 0.039% |
| 54 | 6.302 | 6.284 | 6.371 | VV | 549    | 22227  | 0.44% | 0.017% |
| 55 | 6.386 | 6.371 | 6.435 | VV | 388    | 12594  | 0.25% | 0.010% |
| 56 | 6.458 | 6.435 | 6.478 | VV | 531    | 8676   | 0.17% | 0.007% |
| 57 | 6.484 | 6.478 | 6.514 | VV | 306    | 4304   | 0.09% | 0.003% |
| 58 | 6.569 | 6.514 | 6.580 | VV | 277    | 6654   | 0.13% | 0.005% |
| 59 | 6.608 | 6.580 | 6.628 | VV | 416    | 7262   | 0.14% | 0.005% |
| 60 | 6.642 | 6.628 | 6.688 | VV | 303    | 8997   | 0.18% | 0.007% |
| 61 | 6.732 | 6.688 | 6.755 | VV | 301    | 7674   | 0.15% | 0.006% |
| 62 | 6.782 | 6.755 | 6.828 | VV | 383    | 11058  | 0.22% | 0.008% |
| 63 | 6.864 | 6.828 | 6.891 | VV | 471    | 9421   | 0.19% | 0.007% |
| 64 | 6.894 | 6.891 | 6.905 | VV | 257    | 1165   | 0.02% | 0.001% |
| 65 | 6.932 | 6.905 | 6.945 | VV | 417    | 7306   | 0.15% | 0.006% |
| 66 | 6.958 | 6.945 | 7.005 | VV | 394    | 10888  | 0.22% | 0.008% |
| 67 | 7.018 | 7.005 | 7.047 | VV | 444    | 7762   | 0.15% | 0.006% |
| 68 | 7.089 | 7.047 | 7.106 | VV | 842    | 17484  | 0.35% | 0.013% |
| 69 | 7.114 | 7.106 | 7.133 | VV | 469    | 5663   | 0.11% | 0.004% |
| 70 | 7.160 | 7.133 | 7.201 | VV | 702    | 15640  | 0.31% | 0.012% |
| 71 | 7.222 | 7.201 | 7.271 | VV | 4625   | 59955  | 1.19% | 0.045% |
| 72 | 7.281 | 7.271 | 7.308 | VV | 391    | 5894   | 0.12% | 0.004% |
| 73 | 7.319 | 7.308 | 7.331 | VV | 307    | 3382   | 0.07% | 0.003% |
| 74 | 7.339 | 7.331 | 7.353 | VV | 299    | 2933   | 0.06% | 0.002% |
| 75 | 7.379 | 7.353 | 7.418 | VV | 1098   | 18245  | 0.36% | 0.014% |
| 76 | 7.447 | 7.418 | 7.479 | VV | 420    | 8107   | 0.16% | 0.006% |
| 77 | 7.486 | 7.479 | 7.511 | VV | 160    | 2093   | 0.04% | 0.002% |
| 78 | 7.554 | 7.511 | 7.628 | PV | 422    | 12469  | 0.25% | 0.009% |
| 79 | 7.641 | 7.628 | 7.658 | VV | 265    | 3154   | 0.06% | 0.002% |
| 80 | 7.812 | 7.795 | 7.870 | VV | 2164   | 61063  | 1.22% | 0.046% |
| 81 | 7.902 | 7.870 | 7.935 | VV | 783    | 24594  | 0.49% | 0.019% |
| 82 | 7.945 | 7.935 | 7.960 | VV | 702    | 9339   | 0.19% | 0.007% |
| 83 | 7.976 | 7.960 | 8.025 | VV | 803    | 23764  | 0.47% | 0.018% |
| 84 | 8.040 | 8.025 | 8.047 | VV | 501    | 5556   | 0.11% | 0.004% |
| 85 | 8.072 | 8.047 | 8.131 | VV | 1320   | 36233  | 0.72% | 0.027% |
| 86 | 8.184 | 8.131 | 8.197 | VV | 4577   | 62829  | 1.25% | 0.048% |
| 87 | 8.215 | 8.197 | 8.236 | VV | 7060   | 94682  | 1.89% | 0.072% |
| 88 | 8.249 | 8.236 | 8.288 | VV | 2506   | 42748  | 0.85% | 0.032% |
| 89 | 8.298 | 8.288 | 8.315 | VV | 661    | 6389   | 0.13% | 0.005% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 8.368  | 8.315  | 8.434  | VV | 6747   | 130225 | 2.59%  | 0.099% |
| 91  | 8.458  | 8.434  | 8.534  | VV | 1404   | 32129  | 0.64%  | 0.024% |
| 92  | 8.664  | 8.644  | 8.691  | VV | 8131   | 115785 | 2.31%  | 0.088% |
| 93  | 8.711  | 8.691  | 8.761  | VV | 1861   | 55124  | 1.10%  | 0.042% |
| 94  | 8.784  | 8.761  | 8.813  | VV | 1785   | 34083  | 0.68%  | 0.026% |
| 95  | 8.822  | 8.813  | 8.832  | VV | 611    | 6607   | 0.13%  | 0.005% |
| 96  | 8.845  | 8.832  | 8.861  | VV | 676    | 10514  | 0.21%  | 0.008% |
| 97  | 8.904  | 8.861  | 8.920  | VV | 1625   | 31106  | 0.62%  | 0.024% |
| 98  | 8.942  | 8.920  | 9.041  | VV | 5234   | 129468 | 2.58%  | 0.098% |
| 99  | 9.072  | 9.041  | 9.097  | VV | 3315   | 54650  | 1.09%  | 0.041% |
| 100 | 9.113  | 9.097  | 9.195  | VV | 1469   | 40763  | 0.81%  | 0.031% |
| 101 | 9.228  | 9.195  | 9.246  | VV | 1539   | 22961  | 0.46%  | 0.017% |
| 102 | 9.262  | 9.246  | 9.295  | VV | 1205   | 21206  | 0.42%  | 0.016% |
| 103 | 9.314  | 9.295  | 9.332  | VV | 976    | 14062  | 0.28%  | 0.011% |
| 104 | 9.365  | 9.332  | 9.386  | VV | 1413   | 28232  | 0.56%  | 0.021% |
| 105 | 9.405  | 9.386  | 9.422  | VV | 1044   | 16603  | 0.33%  | 0.013% |
| 106 | 9.452  | 9.422  | 9.505  | VV | 10257  | 173199 | 3.45%  | 0.131% |
| 107 | 9.526  | 9.505  | 9.556  | VV | 1758   | 35914  | 0.72%  | 0.027% |
| 108 | 9.569  | 9.556  | 9.579  | VV | 1101   | 12953  | 0.26%  | 0.010% |
| 109 | 9.598  | 9.579  | 9.616  | VV | 2057   | 32911  | 0.66%  | 0.025% |
| 110 | 9.625  | 9.616  | 9.643  | VV | 1197   | 16336  | 0.33%  | 0.012% |
| 111 | 9.659  | 9.643  | 9.698  | VV | 1165   | 25039  | 0.50%  | 0.019% |
| 112 | 9.721  | 9.698  | 9.744  | VV | 1229   | 20486  | 0.41%  | 0.016% |
| 113 | 9.771  | 9.744  | 9.830  | VV | 2683   | 55764  | 1.11%  | 0.042% |
| 114 | 9.850  | 9.830  | 9.862  | VV | 2952   | 35703  | 0.71%  | 0.027% |
| 115 | 9.874  | 9.862  | 9.914  | VV | 2523   | 45447  | 0.91%  | 0.034% |
| 116 | 9.934  | 9.914  | 10.003 | VV | 772    | 23118  | 0.46%  | 0.017% |
| 117 | 10.029 | 10.003 | 10.059 | VV | 525    | 9554   | 0.19%  | 0.007% |
| 118 | 10.069 | 10.059 | 10.094 | VV | 209    | 2965   | 0.06%  | 0.002% |
| 119 | 10.128 | 10.094 | 10.168 | PV | 308    | 7592   | 0.15%  | 0.006% |
| 120 | 10.190 | 10.168 | 10.218 | VV | 825    | 12421  | 0.25%  | 0.009% |
| 121 | 10.240 | 10.218 | 10.265 | VV | 1328   | 19090  | 0.38%  | 0.014% |
| 122 | 10.298 | 10.265 | 10.310 | VV | 1144   | 17641  | 0.35%  | 0.013% |
| 123 | 10.331 | 10.310 | 10.354 | VV | 2924   | 46157  | 0.92%  | 0.035% |
| 124 | 10.372 | 10.354 | 10.415 | VV | 2098   | 36484  | 0.73%  | 0.028% |
| 125 | 10.448 | 10.415 | 10.485 | VV | 2246   | 44820  | 0.89%  | 0.034% |
| 126 | 10.507 | 10.485 | 10.558 | VV | 1196   | 30634  | 0.61%  | 0.023% |
| 127 | 10.586 | 10.558 | 10.603 | VV | 3647   | 48503  | 0.97%  | 0.037% |
| 128 | 10.616 | 10.603 | 10.630 | VV | 2008   | 24697  | 0.49%  | 0.019% |
| 129 | 10.657 | 10.630 | 10.711 | VV | 5192   | 102718 | 2.05%  | 0.078% |
| 130 | 10.720 | 10.711 | 10.735 | VV | 720    | 8828   | 0.18%  | 0.007% |
| 131 | 10.749 | 10.735 | 10.768 | VV | 984    | 13534  | 0.27%  | 0.010% |
| 132 | 10.783 | 10.768 | 10.794 | VV | 421    | 6027   | 0.12%  | 0.005% |
| 133 | 10.851 | 10.794 | 10.904 | VV | 43435  | 583047 | 11.62% | 0.441% |
| 134 | 10.928 | 10.904 | 10.999 | VV | 17679  | 278838 | 5.56%  | 0.211% |
| 135 | 11.008 | 10.999 | 11.028 | VV | 675    | 9746   | 0.19%  | 0.007% |
| 136 | 11.039 | 11.028 | 11.108 | VV | 542    | 13159  | 0.26%  | 0.010% |
| 137 | 11.151 | 11.108 | 11.184 | VV | 2110   | 38811  | 0.77%  | 0.029% |
| 138 | 11.217 | 11.184 | 11.231 | VV | 1088   | 21892  | 0.44%  | 0.017% |
| 139 | 11.249 | 11.231 | 11.266 | VV | 1031   | 17597  | 0.35%  | 0.013% |
| 140 | 11.290 | 11.266 | 11.313 | VV | 3473   | 45777  | 0.91%  | 0.035% |
| 141 | 11.342 | 11.313 | 11.354 | VV | 753    | 14143  | 0.28%  | 0.011% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.381 | 11.354 | 11.423 | VV | 3902   | 61252   | 1.22%  | 0.046% |
| 143 | 11.448 | 11.423 | 11.468 | PV | 1276   | 16435   | 0.33%  | 0.012% |
| 144 | 11.506 | 11.468 | 11.530 | VV | 1331   | 24260   | 0.48%  | 0.018% |
| 145 | 11.556 | 11.530 | 11.569 | VV | 952    | 16422   | 0.33%  | 0.012% |
| 146 | 11.614 | 11.569 | 11.640 | VV | 370588 | 3932559 | 78.35% | 2.976% |
| 147 | 11.655 | 11.640 | 11.670 | VV | 8685   | 106821  | 2.13%  | 0.081% |
| 148 | 11.686 | 11.670 | 11.725 | VV | 8048   | 116382  | 2.32%  | 0.088% |
| 149 | 11.770 | 11.725 | 11.789 | VV | 11793  | 192289  | 3.83%  | 0.146% |
| 150 | 11.803 | 11.789 | 11.817 | VV | 5345   | 66257   | 1.32%  | 0.050% |
| 151 | 11.834 | 11.817 | 11.873 | VV | 7160   | 102744  | 2.05%  | 0.078% |
| 152 | 11.909 | 11.873 | 11.923 | PV | 470    | 9984    | 0.20%  | 0.008% |
| 153 | 11.958 | 11.923 | 11.981 | VV | 3537   | 53490   | 1.07%  | 0.040% |
| 154 | 12.010 | 11.981 | 12.041 | VV | 8036   | 106090  | 2.11%  | 0.080% |
| 155 | 12.052 | 12.041 | 12.098 | VV | 880    | 15719   | 0.31%  | 0.012% |
| 156 | 12.125 | 12.098 | 12.169 | VV | 3788   | 59229   | 1.18%  | 0.045% |
| 157 | 12.203 | 12.169 | 12.228 | VV | 1834   | 34120   | 0.68%  | 0.026% |
| 158 | 12.270 | 12.228 | 12.284 | VV | 809    | 16370   | 0.33%  | 0.012% |
| 159 | 12.301 | 12.284 | 12.318 | VV | 588    | 8454    | 0.17%  | 0.006% |
| 160 | 12.330 | 12.318 | 12.355 | VV | 825    | 13298   | 0.26%  | 0.010% |
| 161 | 12.398 | 12.355 | 12.428 | VV | 1171   | 38679   | 0.77%  | 0.029% |
| 162 | 12.444 | 12.428 | 12.487 | VV | 2316   | 41756   | 0.83%  | 0.032% |
| 163 | 12.516 | 12.487 | 12.530 | VV | 1614   | 24389   | 0.49%  | 0.018% |
| 164 | 12.552 | 12.530 | 12.572 | VV | 6596   | 86034   | 1.71%  | 0.065% |
| 165 | 12.595 | 12.572 | 12.639 | VV | 6048   | 123606  | 2.46%  | 0.094% |
| 166 | 12.671 | 12.639 | 12.754 | VV | 79644  | 933428  | 18.60% | 0.706% |
| 167 | 12.766 | 12.754 | 12.781 | VV | 480    | 3610    | 0.07%  | 0.003% |
| 168 | 12.809 | 12.781 | 12.838 | VV | 3003   | 56963   | 1.13%  | 0.043% |
| 169 | 12.857 | 12.838 | 12.873 | VV | 3399   | 43259   | 0.86%  | 0.033% |
| 170 | 12.883 | 12.873 | 12.900 | VV | 1673   | 24424   | 0.49%  | 0.018% |
| 171 | 12.913 | 12.900 | 12.939 | VV | 1425   | 22923   | 0.46%  | 0.017% |
| 172 | 12.969 | 12.939 | 13.003 | PV | 63494  | 739050  | 14.72% | 0.559% |
| 173 | 13.046 | 13.003 | 13.069 | VV | 273174 | 3310156 | 65.95% | 2.505% |
| 174 | 13.083 | 13.069 | 13.127 | VV | 20599  | 285649  | 5.69%  | 0.216% |
| 175 | 13.143 | 13.127 | 13.162 | VV | 2805   | 41623   | 0.83%  | 0.031% |
| 176 | 13.177 | 13.162 | 13.190 | VV | 1560   | 20367   | 0.41%  | 0.015% |
| 177 | 13.209 | 13.190 | 13.224 | VV | 4008   | 46511   | 0.93%  | 0.035% |
| 178 | 13.261 | 13.224 | 13.282 | VV | 5574   | 113641  | 2.26%  | 0.086% |
| 179 | 13.299 | 13.282 | 13.343 | VV | 2186   | 46577   | 0.93%  | 0.035% |
| 180 | 13.366 | 13.343 | 13.404 | VV | 2254   | 46717   | 0.93%  | 0.035% |
| 181 | 13.429 | 13.404 | 13.498 | VV | 4866   | 90334   | 1.80%  | 0.068% |
| 182 | 13.557 | 13.498 | 13.606 | PV | 15452  | 248511  | 4.95%  | 0.188% |
| 183 | 13.623 | 13.606 | 13.639 | VV | 1523   | 21257   | 0.42%  | 0.016% |
| 184 | 13.665 | 13.639 | 13.688 | VV | 11617  | 155314  | 3.09%  | 0.118% |
| 185 | 13.706 | 13.688 | 13.729 | VV | 5955   | 83680   | 1.67%  | 0.063% |
| 186 | 13.743 | 13.729 | 13.763 | VV | 2064   | 27631   | 0.55%  | 0.021% |
| 187 | 13.794 | 13.763 | 13.816 | VV | 6007   | 99251   | 1.98%  | 0.075% |
| 188 | 13.834 | 13.816 | 13.858 | VV | 5331   | 80933   | 1.61%  | 0.061% |
| 189 | 13.877 | 13.858 | 13.923 | VV | 4988   | 80805   | 1.61%  | 0.061% |
| 190 | 13.950 | 13.923 | 13.968 | VV | 767    | 16139   | 0.32%  | 0.012% |
| 191 | 14.015 | 13.968 | 14.047 | VV | 971    | 23676   | 0.47%  | 0.018% |
| 192 | 14.067 | 14.047 | 14.081 | VV | 646    | 9965    | 0.20%  | 0.008% |
| 193 | 14.089 | 14.081 | 14.113 | VV | 522    | 6425    | 0.13%  | 0.005% |
| 194 | 14.148 | 14.113 | 14.176 | VV | 949    | 19403   | 0.39%  | 0.015% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 14.185 | 14.176 | 14.191 | VV | 295    | 1714   | 0.03%  | 0.001% |
| 196 | 14.264 | 14.191 | 14.280 | VV | 3425   | 87468  | 1.74%  | 0.066% |
| 197 | 14.298 | 14.280 | 14.329 | VV | 2877   | 58165  | 1.16%  | 0.044% |
| 198 | 14.355 | 14.329 | 14.379 | VV | 5667   | 89467  | 1.78%  | 0.068% |
| 199 | 14.396 | 14.379 | 14.439 | VV | 2838   | 76247  | 1.52%  | 0.058% |
| 200 | 14.472 | 14.439 | 14.508 | VV | 6101   | 127814 | 2.55%  | 0.097% |
| 201 | 14.534 | 14.508 | 14.560 | VV | 9201   | 138593 | 2.76%  | 0.105% |
| 202 | 14.576 | 14.560 | 14.590 | VV | 2941   | 42753  | 0.85%  | 0.032% |
| 203 | 14.600 | 14.590 | 14.631 | VV | 2721   | 40466  | 0.81%  | 0.031% |
| 204 | 14.653 | 14.631 | 14.674 | VV | 1454   | 23016  | 0.46%  | 0.017% |
| 205 | 14.727 | 14.674 | 14.765 | VV | 2951   | 75636  | 1.51%  | 0.057% |
| 206 | 14.802 | 14.765 | 14.816 | PV | 2421   | 34823  | 0.69%  | 0.026% |
| 207 | 14.845 | 14.816 | 14.866 | VV | 37369  | 457596 | 9.12%  | 0.346% |
| 208 | 14.887 | 14.866 | 14.922 | VV | 36054  | 485613 | 9.68%  | 0.368% |
| 209 | 14.934 | 14.922 | 14.960 | VV | 1555   | 23744  | 0.47%  | 0.018% |
| 210 | 15.008 | 14.960 | 15.061 | VV | 8180   | 181840 | 3.62%  | 0.138% |
| 211 | 15.088 | 15.061 | 15.128 | VV | 4394   | 94820  | 1.89%  | 0.072% |
| 212 | 15.153 | 15.128 | 15.175 | VV | 3103   | 53108  | 1.06%  | 0.040% |
| 213 | 15.196 | 15.175 | 15.225 | VV | 2246   | 52301  | 1.04%  | 0.040% |
| 214 | 15.233 | 15.225 | 15.255 | VV | 1291   | 18044  | 0.36%  | 0.014% |
| 215 | 15.288 | 15.255 | 15.318 | VV | 1715   | 42626  | 0.85%  | 0.032% |
| 216 | 15.355 | 15.318 | 15.371 | VV | 2932   | 70564  | 1.41%  | 0.053% |
| 217 | 15.411 | 15.371 | 15.452 | VV | 5961   | 159967 | 3.19%  | 0.121% |
| 218 | 15.484 | 15.452 | 15.497 | VV | 3087   | 64957  | 1.29%  | 0.049% |
| 219 | 15.517 | 15.497 | 15.538 | VV | 9954   | 128215 | 2.55%  | 0.097% |
| 220 | 15.555 | 15.538 | 15.584 | VV | 4469   | 71089  | 1.42%  | 0.054% |
| 221 | 15.604 | 15.584 | 15.637 | VV | 3185   | 67540  | 1.35%  | 0.051% |
| 222 | 15.678 | 15.637 | 15.722 | VV | 7097   | 192476 | 3.83%  | 0.146% |
| 223 | 15.754 | 15.722 | 15.783 | VV | 3021   | 64659  | 1.29%  | 0.049% |
| 224 | 15.800 | 15.783 | 15.821 | VV | 1586   | 29585  | 0.59%  | 0.022% |
| 225 | 15.841 | 15.821 | 15.858 | VV | 2675   | 41912  | 0.84%  | 0.032% |
| 226 | 15.911 | 15.858 | 15.931 | VV | 5665   | 131184 | 2.61%  | 0.099% |
| 227 | 15.950 | 15.931 | 15.998 | VV | 3230   | 89683  | 1.79%  | 0.068% |
| 228 | 16.018 | 15.998 | 16.035 | VV | 1912   | 34391  | 0.69%  | 0.026% |
| 229 | 16.046 | 16.035 | 16.061 | VV | 1797   | 25058  | 0.50%  | 0.019% |
| 230 | 16.115 | 16.061 | 16.139 | VV | 3892   | 122614 | 2.44%  | 0.093% |
| 231 | 16.151 | 16.139 | 16.168 | VV | 2975   | 46760  | 0.93%  | 0.035% |
| 232 | 16.192 | 16.168 | 16.204 | VV | 4539   | 75662  | 1.51%  | 0.057% |
| 233 | 16.214 | 16.204 | 16.240 | VV | 4761   | 81605  | 1.63%  | 0.062% |
| 234 | 16.315 | 16.240 | 16.351 | VV | 5563   | 245323 | 4.89%  | 0.186% |
| 235 | 16.401 | 16.351 | 16.421 | VV | 44603  | 747659 | 14.90% | 0.566% |
| 236 | 16.430 | 16.421 | 16.463 | VV | 19551  | 282538 | 5.63%  | 0.214% |
| 237 | 16.475 | 16.463 | 16.485 | VV | 4728   | 57366  | 1.14%  | 0.043% |
| 238 | 16.534 | 16.485 | 16.558 | VV | 13040  | 317110 | 6.32%  | 0.240% |
| 239 | 16.569 | 16.558 | 16.576 | VV | 6089   | 61339  | 1.22%  | 0.046% |
| 240 | 16.581 | 16.576 | 16.598 | VV | 5891   | 75315  | 1.50%  | 0.057% |
| 241 | 16.616 | 16.598 | 16.634 | VV | 5710   | 115168 | 2.29%  | 0.087% |
| 242 | 16.693 | 16.634 | 16.701 | VV | 11122  | 295283 | 5.88%  | 0.223% |
| 243 | 16.724 | 16.701 | 16.754 | VV | 28704  | 497988 | 9.92%  | 0.377% |
| 244 | 16.782 | 16.754 | 16.831 | VV | 38303  | 683141 | 13.61% | 0.517% |
| 245 | 16.859 | 16.831 | 16.868 | VV | 11382  | 201618 | 4.02%  | 0.153% |
| 246 | 16.905 | 16.868 | 16.971 | VV | 23494  | 810592 | 16.15% | 0.613% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 17.032 | 16.971 | 17.065 | VV | 10530 | 507843  | 10.12% | 0.384% |
| 248    | 17.088 | 17.065 | 17.104 | VV | 9822  | 213543  | 4.25%  | 0.162% |
| 249    | 17.147 | 17.104 | 17.170 | VV | 13834 | 457624  | 9.12%  | 0.346% |
| 250    | 17.187 | 17.170 | 17.220 | VV | 13068 | 327346  | 6.52%  | 0.248% |
|        |        |        |        |    |       |         |        |        |
| 251    | 17.307 | 17.220 | 17.330 | VV | 17174 | 797389  | 15.89% | 0.603% |
| 252    | 17.356 | 17.330 | 17.377 | VV | 13339 | 343136  | 6.84%  | 0.260% |
| 253    | 17.389 | 17.377 | 17.411 | VV | 13537 | 251932  | 5.02%  | 0.191% |
| 254    | 17.439 | 17.411 | 17.465 | VV | 16091 | 436203  | 8.69%  | 0.330% |
| 255    | 17.486 | 17.465 | 17.530 | VV | 13296 | 478338  | 9.53%  | 0.362% |
|        |        |        |        |    |       |         |        |        |
| 256    | 17.557 | 17.530 | 17.575 | VV | 13226 | 340181  | 6.78%  | 0.257% |
| 257    | 17.586 | 17.575 | 17.608 | VV | 12831 | 245193  | 4.89%  | 0.186% |
| 258    | 17.659 | 17.608 | 17.681 | VV | 14414 | 579313  | 11.54% | 0.438% |
| 259    | 17.744 | 17.681 | 17.790 | VV | 21836 | 1079086 | 21.50% | 0.817% |
| 260    | 17.803 | 17.790 | 17.816 | VV | 15330 | 229643  | 4.58%  | 0.174% |
|        |        |        |        |    |       |         |        |        |
| 261    | 17.834 | 17.816 | 17.849 | VV | 15762 | 306541  | 6.11%  | 0.232% |
| 262    | 17.903 | 17.849 | 17.918 | VV | 20838 | 755585  | 15.05% | 0.572% |
| 263    | 17.928 | 17.918 | 17.972 | VV | 19839 | 596703  | 11.89% | 0.452% |
| 264    | 17.997 | 17.972 | 18.021 | VV | 17362 | 498160  | 9.93%  | 0.377% |
| 265    | 18.061 | 18.021 | 18.120 | VV | 23701 | 1157603 | 23.06% | 0.876% |
|        |        |        |        |    |       |         |        |        |
| 266    | 18.155 | 18.120 | 18.182 | VV | 40232 | 1015251 | 20.23% | 0.768% |
| 267    | 18.202 | 18.182 | 18.218 | VV | 22219 | 472985  | 9.42%  | 0.358% |
| 268    | 18.236 | 18.218 | 18.250 | VV | 23865 | 437329  | 8.71%  | 0.331% |
| 269    | 18.284 | 18.250 | 18.304 | VV | 27127 | 805910  | 16.06% | 0.610% |
| 270    | 18.316 | 18.304 | 18.365 | VV | 24059 | 804118  | 16.02% | 0.609% |
|        |        |        |        |    |       |         |        |        |
| 271    | 18.407 | 18.365 | 18.447 | VV | 39228 | 1260872 | 25.12% | 0.954% |
| 272    | 18.490 | 18.447 | 18.505 | VV | 23673 | 767776  | 15.30% | 0.581% |
| 273    | 18.541 | 18.505 | 18.558 | VV | 30106 | 835774  | 16.65% | 0.633% |
| 274    | 18.574 | 18.558 | 18.618 | VV | 28867 | 904353  | 18.02% | 0.684% |
| 275    | 18.643 | 18.618 | 18.658 | VV | 24523 | 569161  | 11.34% | 0.431% |
|        |        |        |        |    |       |         |        |        |
| 276    | 18.687 | 18.658 | 18.708 | VV | 29061 | 799021  | 15.92% | 0.605% |
| 277    | 18.737 | 18.708 | 18.758 | VV | 28911 | 803053  | 16.00% | 0.608% |
| 278    | 18.781 | 18.758 | 18.805 | VV | 26515 | 713637  | 14.22% | 0.540% |
| 279    | 18.836 | 18.805 | 18.855 | VV | 28454 | 815261  | 16.24% | 0.617% |
| 280    | 18.864 | 18.855 | 18.892 | VV | 28569 | 615570  | 12.26% | 0.466% |
|        |        |        |        |    |       |         |        |        |
| 281    | 18.924 | 18.892 | 18.939 | VV | 30347 | 818891  | 16.32% | 0.620% |
| 282    | 18.967 | 18.939 | 18.998 | VV | 34605 | 1113815 | 22.19% | 0.843% |
| 283    | 19.015 | 18.998 | 19.031 | VV | 33294 | 641596  | 12.78% | 0.486% |
| 284    | 19.047 | 19.031 | 19.057 | VV | 31829 | 482580  | 9.61%  | 0.365% |
| 285    | 19.085 | 19.057 | 19.106 | VV | 35363 | 992215  | 19.77% | 0.751% |
|        |        |        |        |    |       |         |        |        |
| 286    | 19.115 | 19.106 | 19.133 | VV | 33210 | 513416  | 10.23% | 0.389% |
| 287    | 19.259 | 19.133 | 19.270 | VV | 35594 | 2764503 | 55.08% | 2.092% |
| 288    | 19.286 | 19.270 | 19.298 | VV | 35862 | 605835  | 12.07% | 0.458% |
| 289    | 19.352 | 19.298 | 19.375 | VV | 41244 | 1736190 | 34.59% | 1.314% |
| 290    | 19.396 | 19.375 | 19.411 | VV | 39471 | 841923  | 16.77% | 0.637% |
|        |        |        |        |    |       |         |        |        |
| 291    | 19.421 | 19.411 | 19.443 | VV | 39086 | 744924  | 14.84% | 0.564% |
| 292    | 19.489 | 19.443 | 19.516 | VV | 41518 | 1751720 | 34.90% | 1.326% |
| 293    | 19.563 | 19.516 | 19.591 | VV | 48149 | 1980812 | 39.46% | 1.499% |
| 294    | 19.599 | 19.591 | 19.604 | VV | 43623 | 333707  | 6.65%  | 0.253% |
| 295    | 19.630 | 19.604 | 19.665 | VV | 49659 | 1685672 | 33.58% | 1.276% |
|        |        |        |        |    |       |         |        |        |
| 296    | 19.719 | 19.665 | 19.745 | VV | 54652 | 2308474 | 45.99% | 1.747% |
| 297    | 19.787 | 19.745 | 19.824 | VV | 49127 | 2301056 | 45.84% | 1.741% |
| 298    | 19.853 | 19.824 | 19.865 | VV | 49195 | 1199097 | 23.89% | 0.907% |
| 299    | 19.940 | 19.865 | 19.978 | VV | 56885 | 3537215 | 70.47% | 2.677% |

|     |        |        |        |     | rteres |         |         |        |
|-----|--------|--------|--------|-----|--------|---------|---------|--------|
| 300 | 20.010 | 19.978 | 20.061 | VV  | 57914  | 2757302 | 54.93%  | 2.087% |
| 301 | 20.088 | 20.061 | 20.134 | VV  | 61228  | 2526220 | 50.33%  | 1.912% |
| 302 | 20.179 | 20.134 | 20.200 | VV  | 59545  | 2326314 | 46.35%  | 1.761% |
| 303 | 20.218 | 20.200 | 20.227 | VV  | 60777  | 952497  | 18.98%  | 0.721% |
| 304 | 20.305 | 20.227 | 20.346 | VV  | 65586  | 4553324 | 90.72%  | 3.446% |
| 305 | 20.378 | 20.346 | 20.405 | VV  | 64458  | 2242327 | 44.67%  | 1.697% |
| 306 | 20.445 | 20.405 | 20.535 | VV  | 67653  | 5019234 | 100.00% | 3.799% |
| 307 | 20.547 | 20.535 | 20.574 | VV  | 63588  | 1457941 | 29.05%  | 1.103% |
| 308 | 20.584 | 20.574 | 20.624 | VV  | 62902  | 1839335 | 36.65%  | 1.392% |
| 309 | 20.645 | 20.624 | 20.659 | VV  | 60606  | 1290171 | 25.70%  | 0.976% |
| 310 | 20.693 | 20.659 | 20.722 | VV  | 60696  | 2271415 | 45.25%  | 1.719% |
| 311 | 20.742 | 20.722 | 20.756 | VV  | 60725  | 1212934 | 24.17%  | 0.918% |
| 312 | 20.771 | 20.756 | 20.798 | VV  | 60387  | 1499568 | 29.88%  | 1.135% |
| 313 | 20.821 | 20.798 | 20.902 | VV  | 60942  | 3560362 | 70.93%  | 2.694% |
| 314 | 20.945 | 20.902 | 20.967 | VV  | 54197  | 2074801 | 41.34%  | 1.570% |
| 315 | 20.982 | 20.967 | 21.020 | VV  | 54974  | 1750492 | 34.88%  | 1.325% |
| 316 | 21.061 | 21.020 | 21.116 | VV  | 56029  | 3121371 | 62.19%  | 2.362% |
| 317 | 21.126 | 21.116 | 21.148 | VV  | 54023  | 1058237 | 21.08%  | 0.801% |
| 318 | 21.161 | 21.148 | 21.185 | VV  | 53878  | 1153927 | 22.99%  | 0.873% |
| 319 | 21.197 | 21.185 | 21.207 | VV  | 52007  | 683498  | 13.62%  | 0.517% |
| 320 | 21.253 | 21.207 | 21.287 | VV  | 54359  | 2493618 | 49.68%  | 1.887% |
| 321 | 21.308 | 21.287 | 21.334 | VV  | 50865  | 1408657 | 28.07%  | 1.066% |
| 322 | 21.348 | 21.334 | 21.361 | VV  | 50725  | 820767  | 16.35%  | 0.621% |
| 323 | 21.382 | 21.361 | 21.415 | VV  | 51127  | 1607728 | 32.03%  | 1.217% |
| 324 | 21.422 | 21.415 | 21.437 | VV  | 49588  | 657248  | 13.09%  | 0.497% |
| 325 | 21.458 | 21.437 | 21.595 | VV  | 49090  | 4431493 | 88.29%  | 3.354% |
| 326 | 21.606 | 21.595 | 21.614 | VV  | 44985  | 516296  | 10.29%  | 0.391% |
| 327 | 21.627 | 21.614 | 21.641 | VV  | 45472  | 722137  | 14.39%  | 0.547% |
| 328 | 21.693 | 21.641 | 21.707 | VV  | 45373  | 1747056 | 34.81%  | 1.322% |
| 329 | 21.738 | 21.707 | 21.769 | VV  | 48096  | 1727267 | 34.41%  | 1.307% |
| 330 | 21.779 | 21.769 | 21.801 | VBA | 45313  | 968988  | 19.31%  | 0.733% |

Sum of corrected areas: 132136206

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