

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021323AL\  
 Data File : FE040329.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Feb 2023 18:32  
 Sample : 01528-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.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         | 3.291       | 3.238        | 3.381      | BV       | 278            | 6679         | 0.05%          | 0.001%        |
| 2         | 3.400       | 3.381        | 3.415      | PV       | 148            | 1636         | 0.01%          | 0.000%        |
| 3         | 3.431       | 3.415        | 3.498      | VV       | 273            | 6240         | 0.04%          | 0.001%        |
| 4         | 3.506       | 3.498        | 3.516      | VV       | 173            | 1482         | 0.01%          | 0.000%        |
| 5         | 3.525       | 3.516        | 3.579      | VV       | 179            | 3337         | 0.02%          | 0.001%        |
| 6         | 3.599       | 3.579        | 3.613      | VV       | 279            | 3221         | 0.02%          | 0.001%        |
| 7         | 3.638       | 3.613        | 3.711      | VV       | 3264           | 34751        | 0.24%          | 0.007%        |
| 8         | 3.732       | 3.711        | 3.758      | PV       | 390            | 6410         | 0.04%          | 0.001%        |
| 9         | 3.788       | 3.758        | 3.842      | VV       | 523            | 13747        | 0.10%          | 0.003%        |
| 10        | 3.871       | 3.842        | 3.902      | VV       | 533            | 10493        | 0.07%          | 0.002%        |
| 11        | 3.918       | 3.902        | 3.948      | VV       | 403            | 5810         | 0.04%          | 0.001%        |
| 12        | 3.971       | 3.948        | 4.041      | VV       | 591            | 14724        | 0.10%          | 0.003%        |
| 13        | 4.078       | 4.041        | 4.094      | PV       | 620            | 8782         | 0.06%          | 0.002%        |
| 14        | 4.123       | 4.094        | 4.169      | VV       | 1121           | 24700        | 0.17%          | 0.005%        |
| 15        | 4.182       | 4.169        | 4.227      | VV       | 460            | 9605         | 0.07%          | 0.002%        |
| 16        | 4.262       | 4.227        | 4.298      | VV       | 1366           | 30620        | 0.21%          | 0.006%        |
| 17        | 4.309       | 4.298        | 4.381      | VV       | 743            | 19358        | 0.13%          | 0.004%        |
| 18        | 4.398       | 4.381        | 4.414      | VV       | 604            | 7352         | 0.05%          | 0.001%        |
| 19        | 4.429       | 4.414        | 4.455      | VV       | 367            | 5880         | 0.04%          | 0.001%        |
| 20        | 4.476       | 4.455        | 4.503      | VV       | 548            | 7872         | 0.05%          | 0.001%        |
| 21        | 4.537       | 4.503        | 4.558      | VV       | 846            | 11313        | 0.08%          | 0.002%        |
| 22        | 4.576       | 4.558        | 4.595      | VV       | 1017           | 10637        | 0.07%          | 0.002%        |
| 23        | 4.611       | 4.595        | 4.630      | VV       | 660            | 7107         | 0.05%          | 0.001%        |
| 24        | 4.649       | 4.630        | 4.675      | VV       | 827            | 10009        | 0.07%          | 0.002%        |
| 25        | 4.696       | 4.675        | 4.730      | PV       | 826            | 15638        | 0.11%          | 0.003%        |
| 26        | 4.756       | 4.730        | 4.804      | VV       | 2566           | 46933        | 0.33%          | 0.009%        |
| 27        | 4.820       | 4.804        | 4.830      | VV       | 921            | 8634         | 0.06%          | 0.002%        |
| 28        | 4.843       | 4.830        | 4.860      | VV       | 973            | 11609        | 0.08%          | 0.002%        |
| 29        | 4.878       | 4.860        | 4.888      | VV       | 837            | 11162        | 0.08%          | 0.002%        |
| 30        | 4.898       | 4.888        | 4.913      | VV       | 946            | 11192        | 0.08%          | 0.002%        |
| 31        | 4.956       | 4.913        | 4.966      | VV       | 1694           | 34543        | 0.24%          | 0.007%        |
| 32        | 4.974       | 4.966        | 4.983      | VV       | 1559           | 14862        | 0.10%          | 0.003%        |
| 33        | 5.000       | 4.983        | 5.020      | VV       | 1957           | 32635        | 0.23%          | 0.006%        |
| 34        | 5.042       | 5.020        | 5.087      | VV       | 3478           | 56948        | 0.40%          | 0.011%        |
| 35        | 5.117       | 5.087        | 5.135      | VV       | 1265           | 17797        | 0.12%          | 0.003%        |
| 36        | 5.149       | 5.135        | 5.170      | VV       | 545            | 5559         | 0.04%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.241 | 5.170 | 5.275 | PV | 2229   | 49210  | 0.34% | 0.009% |
| 38 | 5.292 | 5.275 | 5.304 | VV | 1954   | 23389  | 0.16% | 0.004% |
| 39 | 5.322 | 5.304 | 5.343 | VV | 2922   | 43026  | 0.30% | 0.008% |
| 40 | 5.356 | 5.343 | 5.393 | VV | 1339   | 23702  | 0.16% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.418 | 5.393 | 5.428 | PV | 670    | 7873   | 0.05% | 0.001% |
| 42 | 5.450 | 5.428 | 5.466 | VV | 1495   | 22089  | 0.15% | 0.004% |
| 43 | 5.478 | 5.466 | 5.497 | VV | 1150   | 16122  | 0.11% | 0.003% |
| 44 | 5.519 | 5.497 | 5.537 | VV | 2031   | 36259  | 0.25% | 0.007% |
| 45 | 5.550 | 5.537 | 5.587 | VV | 2482   | 39348  | 0.27% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.612 | 5.587 | 5.629 | VV | 1542   | 21897  | 0.15% | 0.004% |
| 47 | 5.641 | 5.629 | 5.651 | VV | 573    | 4570   | 0.03% | 0.001% |
| 48 | 5.680 | 5.651 | 5.728 | PV | 7788   | 165447 | 1.15% | 0.031% |
| 49 | 5.746 | 5.728 | 5.778 | VV | 2867   | 39403  | 0.27% | 0.007% |
| 50 | 5.797 | 5.778 | 5.815 | VV | 656    | 9264   | 0.06% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.855 | 5.815 | 5.887 | VV | 5293   | 88151  | 0.61% | 0.017% |
| 52 | 5.898 | 5.887 | 5.918 | VV | 1442   | 15471  | 0.11% | 0.003% |
| 53 | 5.937 | 5.918 | 5.946 | VV | 1930   | 18981  | 0.13% | 0.004% |
| 54 | 5.964 | 5.946 | 6.009 | VV | 7431   | 144705 | 1.00% | 0.027% |
| 55 | 6.020 | 6.009 | 6.040 | VV | 2537   | 29821  | 0.21% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.061 | 6.040 | 6.092 | VV | 7519   | 101819 | 0.71% | 0.019% |
| 57 | 6.102 | 6.092 | 6.130 | VV | 1679   | 27483  | 0.19% | 0.005% |
| 58 | 6.150 | 6.130 | 6.169 | VV | 4093   | 48021  | 0.33% | 0.009% |
| 59 | 6.202 | 6.169 | 6.224 | VV | 4081   | 71097  | 0.49% | 0.013% |
| 60 | 6.247 | 6.224 | 6.268 | VV | 6192   | 90964  | 0.63% | 0.017% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.283 | 6.268 | 6.319 | VV | 4266   | 81067  | 0.56% | 0.015% |
| 62 | 6.343 | 6.319 | 6.363 | PV | 2943   | 38125  | 0.26% | 0.007% |
| 63 | 6.388 | 6.363 | 6.413 | VV | 6292   | 110448 | 0.77% | 0.021% |
| 64 | 6.428 | 6.413 | 6.455 | VV | 4548   | 79082  | 0.55% | 0.015% |
| 65 | 6.472 | 6.455 | 6.486 | VV | 4855   | 53973  | 0.37% | 0.010% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.495 | 6.486 | 6.504 | VV | 2867   | 27704  | 0.19% | 0.005% |
| 67 | 6.524 | 6.504 | 6.555 | VV | 5070   | 86861  | 0.60% | 0.016% |
| 68 | 6.590 | 6.555 | 6.602 | VV | 2366   | 51262  | 0.36% | 0.010% |
| 69 | 6.627 | 6.602 | 6.682 | VV | 8306   | 163160 | 1.13% | 0.031% |
| 70 | 6.704 | 6.682 | 6.753 | VV | 10657  | 163309 | 1.13% | 0.031% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.789 | 6.753 | 6.802 | PV | 2495   | 30638  | 0.21% | 0.006% |
| 72 | 6.822 | 6.802 | 6.837 | VV | 4293   | 61270  | 0.43% | 0.012% |
| 73 | 6.855 | 6.837 | 6.880 | VV | 7321   | 109273 | 0.76% | 0.021% |
| 74 | 6.901 | 6.880 | 6.919 | VV | 4448   | 70025  | 0.49% | 0.013% |
| 75 | 6.928 | 6.919 | 6.937 | VV | 1487   | 13349  | 0.09% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.958 | 6.937 | 6.968 | VV | 3215   | 44224  | 0.31% | 0.008% |
| 77 | 6.985 | 6.968 | 7.007 | VV | 9830   | 106321 | 0.74% | 0.020% |
| 78 | 7.029 | 7.007 | 7.076 | VV | 4057   | 95623  | 0.66% | 0.018% |
| 79 | 7.108 | 7.076 | 7.138 | VV | 23565  | 292047 | 2.03% | 0.055% |
| 80 | 7.151 | 7.138 | 7.164 | VV | 2408   | 32605  | 0.23% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.184 | 7.164 | 7.198 | VV | 4031   | 60176  | 0.42% | 0.011% |
| 82 | 7.232 | 7.198 | 7.253 | VV | 8355   | 153177 | 1.06% | 0.029% |
| 83 | 7.275 | 7.253 | 7.304 | VV | 11393  | 160174 | 1.11% | 0.030% |
| 84 | 7.340 | 7.304 | 7.369 | VV | 23980  | 384421 | 2.67% | 0.072% |
| 85 | 7.381 | 7.369 | 7.399 | VV | 6019   | 70126  | 0.49% | 0.013% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.422 | 7.399 | 7.457 | VV | 15044  | 241007 | 1.67% | 0.045% |
| 87 | 7.477 | 7.457 | 7.505 | VV | 15630  | 228868 | 1.59% | 0.043% |
| 88 | 7.521 | 7.505 | 7.539 | VV | 5271   | 68128  | 0.47% | 0.013% |
| 89 | 7.552 | 7.539 | 7.568 | VV | 2872   | 37120  | 0.26% | 0.007% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 90  | 7.625  | 7.568  | 7.635  | VV | 22383  | 303628  | 2.11% | 0.057% |
| 91  | 7.649  | 7.635  | 7.671  | VV | 33417  | 394794  | 2.74% | 0.074% |
| 92  | 7.686  | 7.671  | 7.710  | VV | 7529   | 132960  | 0.92% | 0.025% |
| 93  | 7.721  | 7.710  | 7.758  | VV | 5816   | 121951  | 0.85% | 0.023% |
| 94  | 7.774  | 7.758  | 7.788  | VV | 2407   | 34903   | 0.24% | 0.007% |
| 95  | 7.823  | 7.788  | 7.859  | VV | 16934  | 325639  | 2.26% | 0.061% |
| 96  | 7.876  | 7.859  | 7.898  | VV | 7010   | 90927   | 0.63% | 0.017% |
| 97  | 7.918  | 7.898  | 7.929  | VV | 4021   | 47460   | 0.33% | 0.009% |
| 98  | 8.019  | 8.006  | 8.057  | VV | 11635  | 257558  | 1.79% | 0.049% |
| 99  | 8.081  | 8.057  | 8.099  | VV | 13260  | 223065  | 1.55% | 0.042% |
| 100 | 8.122  | 8.099  | 8.147  | VV | 9738   | 236144  | 1.64% | 0.044% |
| 101 | 8.174  | 8.147  | 8.195  | VV | 11084  | 203314  | 1.41% | 0.038% |
| 102 | 8.222  | 8.195  | 8.239  | VV | 13467  | 226822  | 1.57% | 0.043% |
| 103 | 8.258  | 8.239  | 8.270  | VV | 21004  | 270831  | 1.88% | 0.051% |
| 104 | 8.281  | 8.270  | 8.305  | VV | 19011  | 237517  | 1.65% | 0.045% |
| 105 | 8.349  | 8.305  | 8.384  | VV | 29258  | 560362  | 3.89% | 0.106% |
| 106 | 8.399  | 8.384  | 8.418  | VV | 6995   | 120859  | 0.84% | 0.023% |
| 107 | 8.454  | 8.418  | 8.469  | VV | 22263  | 404934  | 2.81% | 0.076% |
| 108 | 8.482  | 8.469  | 8.498  | VV | 17893  | 254923  | 1.77% | 0.048% |
| 109 | 8.530  | 8.498  | 8.556  | VV | 59829  | 926282  | 6.43% | 0.175% |
| 110 | 8.571  | 8.556  | 8.591  | VV | 11340  | 202150  | 1.40% | 0.038% |
| 111 | 8.633  | 8.591  | 8.661  | VV | 16750  | 484408  | 3.36% | 0.091% |
| 112 | 8.687  | 8.661  | 8.704  | VV | 15403  | 280425  | 1.95% | 0.053% |
| 113 | 8.718  | 8.704  | 8.732  | VV | 12227  | 172039  | 1.19% | 0.032% |
| 114 | 8.751  | 8.732  | 8.792  | VV | 18801  | 378295  | 2.63% | 0.071% |
| 115 | 8.887  | 8.879  | 8.917  | VV | 20193  | 405509  | 2.81% | 0.076% |
| 116 | 8.939  | 8.917  | 8.967  | VV | 19264  | 507289  | 3.52% | 0.096% |
| 117 | 8.985  | 8.967  | 9.005  | VV | 21343  | 379210  | 2.63% | 0.071% |
| 118 | 9.023  | 9.005  | 9.037  | VV | 15534  | 260738  | 1.81% | 0.049% |
| 119 | 9.070  | 9.037  | 9.095  | VV | 43045  | 741501  | 5.15% | 0.140% |
| 120 | 9.123  | 9.095  | 9.139  | VV | 15797  | 285271  | 1.98% | 0.054% |
| 121 | 9.147  | 9.139  | 9.161  | VV | 10779  | 124740  | 0.87% | 0.024% |
| 122 | 9.181  | 9.161  | 9.202  | VV | 15828  | 289086  | 2.01% | 0.054% |
| 123 | 9.217  | 9.202  | 9.237  | VV | 15592  | 249962  | 1.74% | 0.047% |
| 124 | 9.251  | 9.237  | 9.266  | VV | 9584   | 148270  | 1.03% | 0.028% |
| 125 | 9.296  | 9.266  | 9.318  | VV | 13501  | 340629  | 2.36% | 0.064% |
| 126 | 9.357  | 9.318  | 9.380  | VV | 99115  | 1327326 | 9.21% | 0.250% |
| 127 | 9.391  | 9.380  | 9.425  | VV | 17345  | 322573  | 2.24% | 0.061% |
| 128 | 9.442  | 9.425  | 9.468  | VV | 13200  | 252795  | 1.75% | 0.048% |
| 129 | 9.505  | 9.468  | 9.526  | VV | 14471  | 321410  | 2.23% | 0.061% |
| 130 | 9.556  | 9.526  | 9.571  | VV | 10270  | 227421  | 1.58% | 0.043% |
| 131 | 9.588  | 9.571  | 9.608  | VV | 12663  | 209845  | 1.46% | 0.040% |
| 132 | 9.642  | 9.608  | 9.674  | VV | 16231  | 411395  | 2.86% | 0.078% |
| 133 | 9.691  | 9.674  | 9.706  | VV | 11354  | 167801  | 1.16% | 0.032% |
| 134 | 9.732  | 9.706  | 9.765  | VV | 31743  | 642110  | 4.46% | 0.121% |
| 135 | 9.777  | 9.765  | 9.787  | VV | 12257  | 144147  | 1.00% | 0.027% |
| 136 | 9.812  | 9.787  | 9.841  | VV | 21841  | 505406  | 3.51% | 0.095% |
| 137 | 9.864  | 9.841  | 9.885  | VV | 19437  | 349362  | 2.43% | 0.066% |
| 138 | 9.915  | 9.885  | 9.953  | VV | 19584  | 489432  | 3.40% | 0.092% |
| 139 | 9.967  | 9.953  | 9.983  | VV | 8068   | 125076  | 0.87% | 0.024% |
| 140 | 10.011 | 9.983  | 10.035 | VV | 22074  | 393046  | 2.73% | 0.074% |
| 141 | 10.053 | 10.035 | 10.071 | VV | 12334  | 229049  | 1.59% | 0.043% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.093 | 10.071 | 10.114 | VV | 17834  | 361787  | 2.51%  | 0.068% |
| 143 | 10.138 | 10.114 | 10.186 | VV | 111556 | 1493044 | 10.36% | 0.281% |
| 144 | 10.216 | 10.186 | 10.231 | VV | 9821   | 224281  | 1.56%  | 0.042% |
| 145 | 10.241 | 10.231 | 10.284 | VV | 8881   | 188485  | 1.31%  | 0.036% |
| 146 | 10.312 | 10.284 | 10.338 | VV | 9733   | 194881  | 1.35%  | 0.037% |
| 147 | 10.350 | 10.338 | 10.361 | VV | 4996   | 62775   | 0.44%  | 0.012% |
| 148 | 10.372 | 10.361 | 10.393 | VV | 4878   | 86363   | 0.60%  | 0.016% |
| 149 | 10.412 | 10.393 | 10.432 | VV | 6758   | 118060  | 0.82%  | 0.022% |
| 150 | 10.483 | 10.432 | 10.499 | VV | 14574  | 327095  | 2.27%  | 0.062% |
| 151 | 10.527 | 10.499 | 10.555 | VV | 48682  | 798773  | 5.54%  | 0.150% |
| 152 | 10.578 | 10.555 | 10.595 | VV | 15843  | 269601  | 1.87%  | 0.051% |
| 153 | 10.615 | 10.595 | 10.637 | VV | 20425  | 334319  | 2.32%  | 0.063% |
| 154 | 10.670 | 10.637 | 10.700 | VV | 19120  | 395272  | 2.74%  | 0.074% |
| 155 | 10.726 | 10.700 | 10.761 | VV | 7974   | 209739  | 1.46%  | 0.040% |
| 156 | 10.786 | 10.761 | 10.838 | VV | 9511   | 342311  | 2.38%  | 0.064% |
| 157 | 10.877 | 10.838 | 10.915 | VV | 111578 | 1521614 | 10.56% | 0.287% |
| 158 | 10.948 | 10.915 | 10.978 | VV | 53069  | 927137  | 6.44%  | 0.175% |
| 159 | 10.995 | 10.978 | 11.027 | VV | 9311   | 197440  | 1.37%  | 0.037% |
| 160 | 11.038 | 11.027 | 11.051 | VV | 3549   | 44777   | 0.31%  | 0.008% |
| 161 | 11.092 | 11.051 | 11.105 | VV | 5548   | 146577  | 1.02%  | 0.028% |
| 162 | 11.135 | 11.105 | 11.176 | VV | 38671  | 661107  | 4.59%  | 0.125% |
| 163 | 11.214 | 11.176 | 11.239 | VV | 23321  | 506532  | 3.52%  | 0.095% |
| 164 | 11.268 | 11.239 | 11.311 | VV | 18145  | 449348  | 3.12%  | 0.085% |
| 165 | 11.332 | 11.311 | 11.367 | VV | 12125  | 223006  | 1.55%  | 0.042% |
| 166 | 11.385 | 11.367 | 11.420 | VV | 9961   | 154004  | 1.07%  | 0.029% |
| 167 | 11.442 | 11.420 | 11.465 | VV | 6203   | 104155  | 0.72%  | 0.020% |
| 168 | 11.530 | 11.465 | 11.552 | VV | 6701   | 246991  | 1.71%  | 0.047% |
| 169 | 11.581 | 11.552 | 11.640 | VV | 96581  | 1327529 | 9.21%  | 0.250% |
| 170 | 11.671 | 11.640 | 11.712 | VV | 40720  | 669755  | 4.65%  | 0.126% |
| 171 | 11.735 | 11.712 | 11.756 | VV | 5062   | 77873   | 0.54%  | 0.015% |
| 172 | 11.780 | 11.756 | 11.805 | VV | 4773   | 91585   | 0.64%  | 0.017% |
| 173 | 11.900 | 11.805 | 11.925 | VV | 465922 | 5383085 | 37.37% | 1.014% |
| 174 | 11.939 | 11.925 | 11.955 | VV | 15853  | 210318  | 1.46%  | 0.040% |
| 175 | 11.973 | 11.955 | 12.000 | VV | 22511  | 340178  | 2.36%  | 0.064% |
| 176 | 12.015 | 12.000 | 12.028 | VV | 8335   | 103555  | 0.72%  | 0.020% |
| 177 | 12.055 | 12.028 | 12.075 | VV | 18377  | 337985  | 2.35%  | 0.064% |
| 178 | 12.087 | 12.075 | 12.104 | VV | 12833  | 162429  | 1.13%  | 0.031% |
| 179 | 12.121 | 12.104 | 12.165 | VV | 11952  | 208040  | 1.44%  | 0.039% |
| 180 | 12.188 | 12.165 | 12.202 | VV | 2473   | 34937   | 0.24%  | 0.007% |
| 181 | 12.251 | 12.202 | 12.279 | VV | 80042  | 1149817 | 7.98%  | 0.217% |
| 182 | 12.303 | 12.279 | 12.329 | VV | 31216  | 419442  | 2.91%  | 0.079% |
| 183 | 12.343 | 12.329 | 12.393 | VV | 6187   | 155299  | 1.08%  | 0.029% |
| 184 | 12.412 | 12.393 | 12.427 | VV | 4240   | 46915   | 0.33%  | 0.009% |
| 185 | 12.444 | 12.427 | 12.460 | VV | 3302   | 44939   | 0.31%  | 0.008% |
| 186 | 12.505 | 12.460 | 12.543 | VV | 71049  | 990650  | 6.88%  | 0.187% |
| 187 | 12.552 | 12.543 | 12.575 | VV | 6009   | 87813   | 0.61%  | 0.017% |
| 188 | 12.590 | 12.575 | 12.602 | VV | 4204   | 47751   | 0.33%  | 0.009% |
| 189 | 12.632 | 12.602 | 12.647 | VV | 6881   | 136259  | 0.95%  | 0.026% |
| 190 | 12.663 | 12.647 | 12.698 | VV | 10738  | 165655  | 1.15%  | 0.031% |
| 191 | 12.729 | 12.698 | 12.783 | VV | 7916   | 202964  | 1.41%  | 0.038% |
| 192 | 12.809 | 12.783 | 12.820 | PV | 7854   | 101499  | 0.70%  | 0.019% |
| 193 | 12.838 | 12.820 | 12.860 | VV | 18528  | 263462  | 1.83%  | 0.050% |
| 194 | 12.891 | 12.860 | 12.930 | VV | 74689  | 1065479 | 7.40%  | 0.201% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.956 | 12.930 | 13.025 | VV | 132305 | 1618102 | 11.23% | 0.305% |
| 196    | 13.037 | 13.025 | 13.065 | VV | 2659   | 31456   | 0.22%  | 0.006% |
| 197    | 13.112 | 13.065 | 13.125 | VV | 3406   | 63676   | 0.44%  | 0.012% |
| 198    | 13.145 | 13.125 | 13.163 | VV | 10103  | 136006  | 0.94%  | 0.026% |
| 199    | 13.184 | 13.163 | 13.228 | VV | 5967   | 159042  | 1.10%  | 0.030% |
| 200    | 13.254 | 13.228 | 13.295 | PV | 113345 | 1452798 | 10.08% | 0.274% |
| 201    | 13.338 | 13.295 | 13.362 | VV | 380103 | 5601134 | 38.88% | 1.055% |
| 202    | 13.379 | 13.362 | 13.423 | VV | 69272  | 988535  | 6.86%  | 0.186% |
| 203    | 13.432 | 13.423 | 13.458 | VV | 7778   | 106168  | 0.74%  | 0.020% |
| 204    | 13.469 | 13.458 | 13.478 | VV | 1830   | 17682   | 0.12%  | 0.003% |
| 205    | 13.505 | 13.478 | 13.515 | VV | 50785  | 586152  | 4.07%  | 0.110% |
| 206    | 13.531 | 13.515 | 13.563 | VV | 72150  | 1233363 | 8.56%  | 0.232% |
| 207    | 13.588 | 13.563 | 13.637 | VV | 104089 | 1567952 | 10.88% | 0.295% |
| 208    | 13.673 | 13.637 | 13.694 | VV | 6519   | 163173  | 1.13%  | 0.031% |
| 209    | 13.737 | 13.694 | 13.766 | VV | 17785  | 465868  | 3.23%  | 0.088% |
| 210    | 13.781 | 13.766 | 13.795 | VV | 5121   | 74163   | 0.51%  | 0.014% |
| 211    | 13.849 | 13.795 | 13.899 | VV | 33724  | 685845  | 4.76%  | 0.129% |
| 212    | 13.914 | 13.899 | 13.930 | VV | 4818   | 76221   | 0.53%  | 0.014% |
| 213    | 13.957 | 13.930 | 13.981 | VV | 20804  | 393493  | 2.73%  | 0.074% |
| 214    | 13.997 | 13.981 | 14.016 | VV | 17283  | 259841  | 1.80%  | 0.049% |
| 215    | 14.031 | 14.016 | 14.063 | VV | 12404  | 195111  | 1.35%  | 0.037% |
| 216    | 14.092 | 14.063 | 14.112 | VV | 45869  | 630576  | 4.38%  | 0.119% |
| 217    | 14.124 | 14.112 | 14.147 | VV | 18455  | 253085  | 1.76%  | 0.048% |
| 218    | 14.166 | 14.147 | 14.191 | VV | 12200  | 203328  | 1.41%  | 0.038% |
| 219    | 14.204 | 14.191 | 14.228 | VV | 5215   | 94562   | 0.66%  | 0.018% |
| 220    | 14.245 | 14.228 | 14.268 | VV | 3796   | 62994   | 0.44%  | 0.012% |
| 221    | 14.322 | 14.268 | 14.345 | PV | 6299   | 176074  | 1.22%  | 0.033% |
| 222    | 14.353 | 14.345 | 14.371 | VV | 3945   | 51600   | 0.36%  | 0.010% |
| 223    | 14.390 | 14.371 | 14.415 | VV | 3237   | 47592   | 0.33%  | 0.009% |
| 224    | 14.454 | 14.415 | 14.469 | PV | 5024   | 82400   | 0.57%  | 0.016% |
| 225    | 14.501 | 14.469 | 14.520 | VV | 7253   | 134854  | 0.94%  | 0.025% |
| 226    | 14.558 | 14.520 | 14.568 | VV | 9013   | 193506  | 1.34%  | 0.036% |
| 227    | 14.597 | 14.568 | 14.627 | VV | 12283  | 266395  | 1.85%  | 0.050% |
| 228    | 14.655 | 14.627 | 14.697 | VV | 31347  | 546491  | 3.79%  | 0.103% |
| 229    | 14.717 | 14.697 | 14.740 | VV | 11512  | 194438  | 1.35%  | 0.037% |
| 230    | 14.769 | 14.740 | 14.803 | VV | 14725  | 305030  | 2.12%  | 0.057% |
| 231    | 14.827 | 14.803 | 14.849 | VV | 23504  | 352252  | 2.45%  | 0.066% |
| 232    | 14.907 | 14.849 | 14.928 | VV | 9322   | 313649  | 2.18%  | 0.059% |
| 233    | 14.945 | 14.928 | 14.971 | VV | 7617   | 137359  | 0.95%  | 0.026% |
| 234    | 14.983 | 14.971 | 14.993 | VV | 5168   | 59707   | 0.41%  | 0.011% |
| 235    | 15.025 | 14.993 | 15.063 | VV | 6638   | 231853  | 1.61%  | 0.044% |
| 236    | 15.141 | 15.063 | 15.162 | VV | 86051  | 1452987 | 10.09% | 0.274% |
| 237    | 15.183 | 15.162 | 15.258 | VV | 87400  | 1681581 | 11.67% | 0.317% |
| 238    | 15.302 | 15.258 | 15.370 | VV | 24990  | 855130  | 5.94%  | 0.161% |
| 239    | 15.392 | 15.370 | 15.422 | VV | 9052   | 221311  | 1.54%  | 0.042% |
| 240    | 15.451 | 15.422 | 15.472 | VV | 10945  | 234442  | 1.63%  | 0.044% |
| 241    | 15.488 | 15.472 | 15.518 | VV | 11659  | 257824  | 1.79%  | 0.049% |
| 242    | 15.530 | 15.518 | 15.545 | VV | 7833   | 114068  | 0.79%  | 0.021% |
| 243    | 15.614 | 15.545 | 15.671 | VV | 28006  | 1046822 | 7.27%  | 0.197% |
| 244    | 15.718 | 15.671 | 15.754 | VV | 21633  | 591434  | 4.11%  | 0.111% |
| 245    | 15.773 | 15.754 | 15.793 | VV | 12478  | 237749  | 1.65%  | 0.045% |
| 246    | 15.816 | 15.793 | 15.838 | VV | 30505  | 502616  | 3.49%  | 0.095% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.855 | 15.838 | 15.881 | VV | 20614  | 358952  | 2.49%  | 0.068% |
| 248    | 15.903 | 15.881 | 15.921 | VV | 15453  | 285960  | 1.98%  | 0.054% |
| 249    | 15.978 | 15.921 | 16.016 | VV | 28235  | 1017058 | 7.06%  | 0.192% |
| 250    | 16.052 | 16.016 | 16.077 | VV | 17070  | 526076  | 3.65%  | 0.099% |
|        |        |        |        |    |        |         |        |        |
| 251    | 16.102 | 16.077 | 16.125 | VV | 15904  | 399147  | 2.77%  | 0.075% |
| 252    | 16.144 | 16.125 | 16.161 | VV | 19372  | 366720  | 2.55%  | 0.069% |
| 253    | 16.171 | 16.161 | 16.180 | VV | 18207  | 192745  | 1.34%  | 0.036% |
| 254    | 16.221 | 16.180 | 16.299 | VV | 35117  | 1639860 | 11.38% | 0.309% |
| 255    | 16.322 | 16.299 | 16.345 | VV | 21348  | 554640  | 3.85%  | 0.104% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.357 | 16.345 | 16.368 | VV | 21159  | 292938  | 2.03%  | 0.055% |
| 257    | 16.415 | 16.368 | 16.434 | VV | 45939  | 1328663 | 9.22%  | 0.250% |
| 258    | 16.452 | 16.434 | 16.480 | VV | 43096  | 1017778 | 7.06%  | 0.192% |
| 259    | 16.502 | 16.480 | 16.551 | VV | 35869  | 1369226 | 9.50%  | 0.258% |
| 260    | 16.589 | 16.551 | 16.597 | VV | 33176  | 844246  | 5.86%  | 0.159% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.623 | 16.597 | 16.649 | VV | 38865  | 1108301 | 7.69%  | 0.209% |
| 262    | 16.708 | 16.649 | 16.775 | VV | 147017 | 4552892 | 31.60% | 0.858% |
| 263    | 16.842 | 16.775 | 16.865 | VV | 59315  | 2341790 | 16.26% | 0.441% |
| 264    | 16.875 | 16.865 | 16.898 | VV | 42196  | 813310  | 5.65%  | 0.153% |
| 265    | 16.915 | 16.898 | 16.947 | VV | 44482  | 1194469 | 8.29%  | 0.225% |
|        |        |        |        |    |        |         |        |        |
| 266    | 17.030 | 16.947 | 17.050 | VV | 107734 | 3722588 | 25.84% | 0.701% |
| 267    | 17.057 | 17.050 | 17.071 | VV | 72093  | 874920  | 6.07%  | 0.165% |
| 268    | 17.091 | 17.071 | 17.128 | VV | 122282 | 2667328 | 18.51% | 0.503% |
| 269    | 17.194 | 17.128 | 17.251 | VV | 88079  | 4626408 | 32.11% | 0.872% |
| 270    | 17.260 | 17.251 | 17.288 | VV | 58994  | 1249337 | 8.67%  | 0.235% |
|        |        |        |        |    |        |         |        |        |
| 271    | 17.345 | 17.288 | 17.385 | VV | 65710  | 3532718 | 24.52% | 0.666% |
| 272    | 17.415 | 17.385 | 17.431 | VV | 71515  | 1864048 | 12.94% | 0.351% |
| 273    | 17.490 | 17.431 | 17.535 | VV | 78123  | 4445584 | 30.86% | 0.838% |
| 274    | 17.589 | 17.535 | 17.605 | VV | 87100  | 3171948 | 22.02% | 0.598% |
| 275    | 17.623 | 17.605 | 17.641 | VV | 85680  | 1708220 | 11.86% | 0.322% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.660 | 17.641 | 17.675 | VV | 74981  | 1461555 | 10.15% | 0.275% |
| 277    | 17.695 | 17.675 | 17.714 | VV | 77513  | 1744080 | 12.11% | 0.329% |
| 278    | 17.739 | 17.714 | 17.775 | VV | 84986  | 2950905 | 20.48% | 0.556% |
| 279    | 17.798 | 17.775 | 17.848 | VV | 83300  | 3302828 | 22.93% | 0.622% |
| 280    | 17.859 | 17.848 | 17.868 | VV | 74683  | 896083  | 6.22%  | 0.169% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.891 | 17.868 | 17.932 | VV | 77513  | 2894639 | 20.09% | 0.545% |
| 282    | 18.063 | 17.932 | 18.088 | VV | 105950 | 8049752 | 55.88% | 1.517% |
| 283    | 18.108 | 18.088 | 18.136 | VV | 91334  | 2472724 | 17.16% | 0.466% |
| 284    | 18.208 | 18.136 | 18.296 | VV | 127140 | 9378167 | 65.10% | 1.767% |
| 285    | 18.311 | 18.296 | 18.328 | VV | 93824  | 1746629 | 12.12% | 0.329% |
|        |        |        |        |    |        |         |        |        |
| 286    | 18.339 | 18.328 | 18.346 | VV | 93393  | 972154  | 6.75%  | 0.183% |
| 287    | 18.382 | 18.346 | 18.434 | VV | 110512 | 5459353 | 37.90% | 1.028% |
| 288    | 18.476 | 18.434 | 18.551 | VV | 160106 | 8606930 | 59.74% | 1.621% |
| 289    | 18.577 | 18.551 | 18.598 | VV | 135524 | 3454982 | 23.98% | 0.651% |
| 290    | 18.611 | 18.598 | 18.631 | VV | 119747 | 2273973 | 15.78% | 0.428% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.642 | 18.631 | 18.678 | VV | 115842 | 3138189 | 21.78% | 0.591% |
| 292    | 18.731 | 18.678 | 18.791 | VV | 160254 | 8251076 | 57.27% | 1.554% |
| 293    | 18.815 | 18.791 | 18.835 | VV | 118627 | 3005778 | 20.86% | 0.566% |
| 294    | 18.899 | 18.835 | 18.928 | VV | 140020 | 7120760 | 49.43% | 1.341% |
| 295    | 19.000 | 18.928 | 19.024 | VV | 150388 | 7381879 | 51.24% | 1.391% |
|        |        |        |        |    |        |         |        |        |
| 296    | 19.052 | 19.024 | 19.109 | VV | 145771 | 6815582 | 47.31% | 1.284% |
| 297    | 19.162 | 19.109 | 19.207 | VV | 138840 | 7728335 | 53.64% | 1.456% |
| 298    | 19.223 | 19.207 | 19.232 | VV | 135115 | 1988148 | 13.80% | 0.375% |
| 299    | 19.300 | 19.232 | 19.314 | VV | 161582 | 7074024 | 49.10% | 1.333% |

|     |        |        |        |     |        |          |         |        |
|-----|--------|--------|--------|-----|--------|----------|---------|--------|
|     |        |        |        |     | rteres |          |         |        |
| 300 | 19.331 | 19.314 | 19.362 | VV  | 157394 | 4177556  | 29.00%  | 0.787% |
| 301 | 19.404 | 19.362 | 19.468 | VV  | 150869 | 8962159  | 62.21%  | 1.688% |
| 302 | 19.495 | 19.468 | 19.504 | VV  | 141601 | 3057654  | 21.22%  | 0.576% |
| 303 | 19.525 | 19.504 | 19.538 | VV  | 142669 | 2811608  | 19.52%  | 0.530% |
| 304 | 19.589 | 19.538 | 19.597 | VV  | 151209 | 5132102  | 35.62%  | 0.967% |
| 305 | 19.609 | 19.597 | 19.618 | VV  | 149441 | 1886755  | 13.10%  | 0.355% |
| 306 | 19.637 | 19.618 | 19.651 | VV  | 151294 | 2989260  | 20.75%  | 0.563% |
| 307 | 19.694 | 19.651 | 19.700 | VV  | 166051 | 4670126  | 32.42%  | 0.880% |
| 308 | 19.714 | 19.700 | 19.745 | VV  | 168442 | 4255539  | 29.54%  | 0.802% |
| 309 | 19.750 | 19.745 | 19.765 | VV  | 153084 | 1825802  | 12.67%  | 0.344% |
| 310 | 19.811 | 19.765 | 19.838 | VV  | 167605 | 7050696  | 48.94%  | 1.328% |
| 311 | 19.893 | 19.838 | 19.940 | VV  | 174498 | 10206933 | 70.85%  | 1.923% |
| 312 | 19.971 | 19.940 | 20.004 | VV  | 185175 | 6720325  | 46.65%  | 1.266% |
| 313 | 20.033 | 20.004 | 20.046 | VV  | 184980 | 4554582  | 31.61%  | 0.858% |
| 314 | 20.059 | 20.046 | 20.088 | VV  | 191670 | 4703291  | 32.65%  | 0.886% |
| 315 | 20.113 | 20.088 | 20.126 | VV  | 191144 | 4277716  | 29.69%  | 0.806% |
| 316 | 20.130 | 20.126 | 20.154 | VV  | 182861 | 2967579  | 20.60%  | 0.559% |
| 317 | 20.167 | 20.154 | 20.183 | VV  | 183362 | 3179004  | 22.07%  | 0.599% |
| 318 | 20.210 | 20.183 | 20.222 | VV  | 193362 | 4416758  | 30.66%  | 0.832% |
| 319 | 20.232 | 20.222 | 20.248 | VV  | 190895 | 2920912  | 20.27%  | 0.550% |
| 320 | 20.300 | 20.248 | 20.314 | VV  | 202247 | 7715648  | 53.56%  | 1.454% |
| 321 | 20.335 | 20.314 | 20.348 | VV  | 206143 | 4141719  | 28.75%  | 0.780% |
| 322 | 20.362 | 20.348 | 20.386 | VV  | 209009 | 4746496  | 32.95%  | 0.894% |
| 323 | 20.395 | 20.386 | 20.406 | VV  | 210957 | 2355738  | 16.35%  | 0.444% |
| 324 | 20.428 | 20.406 | 20.470 | VV  | 217878 | 8105216  | 56.26%  | 1.527% |
| 325 | 20.498 | 20.470 | 20.518 | VV  | 218712 | 6009486  | 41.71%  | 1.132% |
| 326 | 20.530 | 20.518 | 20.552 | VV  | 210680 | 4169439  | 28.94%  | 0.785% |
| 327 | 20.567 | 20.552 | 20.588 | VV  | 211070 | 4474557  | 31.06%  | 0.843% |
| 328 | 20.648 | 20.588 | 20.659 | VV  | 224415 | 9258492  | 64.27%  | 1.744% |
| 329 | 20.673 | 20.659 | 20.758 | VV  | 225400 | 12868964 | 89.33%  | 2.424% |
| 330 | 20.792 | 20.758 | 20.810 | VV  | 217678 | 6517698  | 45.24%  | 1.228% |
| 331 | 20.835 | 20.810 | 20.853 | VV  | 217588 | 5538500  | 38.44%  | 1.043% |
| 332 | 20.871 | 20.853 | 20.955 | VV  | 221229 | 13089587 | 90.86%  | 2.466% |
| 333 | 20.965 | 20.955 | 20.985 | VV  | 213339 | 3831393  | 26.59%  | 0.722% |
| 334 | 21.006 | 20.985 | 21.019 | VV  | 206411 | 4076065  | 28.29%  | 0.768% |
| 335 | 21.027 | 21.019 | 21.101 | VV  | 210098 | 9805715  | 68.06%  | 1.847% |
| 336 | 21.135 | 21.101 | 21.144 | VV  | 200745 | 5017595  | 34.83%  | 0.945% |
| 337 | 21.165 | 21.144 | 21.233 | VV  | 209162 | 10547206 | 73.21%  | 1.987% |
| 338 | 21.240 | 21.233 | 21.278 | VV  | 191602 | 4992008  | 34.65%  | 0.940% |
| 339 | 21.288 | 21.278 | 21.295 | VV  | 182564 | 1896213  | 13.16%  | 0.357% |
| 340 | 21.316 | 21.295 | 21.367 | VV  | 187349 | 7717302  | 53.57%  | 1.454% |
| 341 | 21.381 | 21.367 | 21.392 | VV  | 182736 | 2671233  | 18.54%  | 0.503% |
| 342 | 21.421 | 21.392 | 21.442 | VV  | 183452 | 5437576  | 37.74%  | 1.024% |
| 343 | 21.478 | 21.442 | 21.541 | VV  | 183099 | 10531596 | 73.10%  | 1.984% |
| 344 | 21.547 | 21.541 | 21.575 | VV  | 175429 | 3412399  | 23.69%  | 0.643% |
| 345 | 21.591 | 21.575 | 21.688 | VV  | 170539 | 10948950 | 76.00%  | 2.063% |
| 346 | 21.710 | 21.688 | 21.769 | VV  | 159333 | 7589863  | 52.68%  | 1.430% |
| 347 | 21.799 | 21.769 | 21.813 | VV  | 157440 | 4062133  | 28.20%  | 0.765% |
| 348 | 21.822 | 21.813 | 21.921 | VV  | 157053 | 9622989  | 66.80%  | 1.813% |
| 349 | 21.932 | 21.921 | 21.981 | VV  | 140318 | 4899854  | 34.01%  | 0.923% |
| 350 | 22.065 | 21.981 | 22.151 | VBA | 148604 | 14406498 | 100.00% | 2.714% |

Sum of corrected areas: 530808590

rteres

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