

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112524AL\  
Data File : FE051428.D  
Signal(s) : FID1B.ch  
Acq On : 25 Nov 2024 10:44  
Sample : P4949-03DL 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.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         | 3.231       | 3.214        | 3.262      | BV       | 107            | 1456         | 0.01%          | 0.000%        |
| 2         | 3.279       | 3.262        | 3.304      | PV       | 63             | 822          | 0.00%          | 0.000%        |
| 3         | 3.342       | 3.304        | 3.351      | VV       | 187            | 2187         | 0.01%          | 0.000%        |
| 4         | 3.363       | 3.351        | 3.401      | VV       | 178            | 3829         | 0.02%          | 0.001%        |
| 5         | 3.427       | 3.401        | 3.508      | VV       | 2882           | 44070        | 0.23%          | 0.006%        |
| 6         | 3.540       | 3.508        | 3.603      | VV       | 386            | 17437        | 0.09%          | 0.003%        |
| 7         | 3.615       | 3.603        | 3.656      | VV       | 301            | 7529         | 0.04%          | 0.001%        |
| 8         | 3.687       | 3.656        | 3.706      | VV       | 620            | 12183        | 0.06%          | 0.002%        |
| 9         | 3.725       | 3.706        | 3.779      | VV       | 1131           | 24777        | 0.13%          | 0.004%        |
| 10        | 3.798       | 3.779        | 3.829      | VV       | 287            | 7027         | 0.04%          | 0.001%        |
| 11        | 3.849       | 3.829        | 3.887      | VV       | 555            | 11022        | 0.06%          | 0.002%        |
| 12        | 3.917       | 3.887        | 3.989      | VV       | 5655           | 74117        | 0.38%          | 0.011%        |
| 13        | 3.998       | 3.989        | 4.005      | VV       | 165            | 1338         | 0.01%          | 0.000%        |
| 14        | 4.020       | 4.005        | 4.038      | VV       | 254            | 2865         | 0.01%          | 0.000%        |
| 15        | 4.044       | 4.038        | 4.108      | VV       | 182            | 5264         | 0.03%          | 0.001%        |
| 16        | 4.116       | 4.108        | 4.204      | VV       | 182            | 4480         | 0.02%          | 0.001%        |
| 17        | 4.233       | 4.204        | 4.331      | VV       | 316            | 14225        | 0.07%          | 0.002%        |
| 18        | 4.362       | 4.331        | 4.405      | VV       | 185            | 5467         | 0.03%          | 0.001%        |
| 19        | 4.422       | 4.405        | 4.464      | VV       | 169            | 2941         | 0.02%          | 0.000%        |
| 20        | 4.476       | 4.464        | 4.556      | PV       | 146            | 4145         | 0.02%          | 0.001%        |
| 21        | 4.565       | 4.556        | 4.582      | VV       | 127            | 1277         | 0.01%          | 0.000%        |
| 22        | 4.604       | 4.582        | 4.628      | PV       | 212            | 2933         | 0.02%          | 0.000%        |
| 23        | 4.654       | 4.628        | 4.668      | VV       | 152            | 3104         | 0.02%          | 0.000%        |
| 24        | 4.691       | 4.668        | 4.728      | VV       | 224            | 6048         | 0.03%          | 0.001%        |
| 25        | 4.757       | 4.728        | 4.774      | VV       | 232            | 5704         | 0.03%          | 0.001%        |
| 26        | 4.804       | 4.774        | 4.831      | VV       | 450            | 11461        | 0.06%          | 0.002%        |
| 27        | 4.856       | 4.831        | 4.870      | VV       | 466            | 8906         | 0.05%          | 0.001%        |
| 28        | 4.885       | 4.870        | 4.894      | VV       | 468            | 5844         | 0.03%          | 0.001%        |
| 29        | 4.908       | 4.894        | 4.951      | VV       | 514            | 15147        | 0.08%          | 0.002%        |
| 30        | 4.977       | 4.951        | 5.019      | VV       | 523            | 16448        | 0.08%          | 0.002%        |
| 31        | 5.030       | 5.019        | 5.088      | VV       | 352            | 9947         | 0.05%          | 0.001%        |
| 32        | 5.104       | 5.088        | 5.132      | VV       | 250            | 5104         | 0.03%          | 0.001%        |
| 33        | 5.141       | 5.132        | 5.245      | VV       | 234            | 11040        | 0.06%          | 0.002%        |
| 34        | 5.251       | 5.245        | 5.261      | VV       | 140            | 1184         | 0.01%          | 0.000%        |
| 35        | 5.270       | 5.261        | 5.280      | VV       | 140            | 1108         | 0.01%          | 0.000%        |
| 36        | 5.291       | 5.280        | 5.334      | VV       | 182            | 2953         | 0.02%          | 0.000%        |

|    |       |       |       |    | rteres |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 5.363 | 5.334 | 5.418 | VV | 150    | 5033    | 0.03% | 0.001% |
| 38 | 5.424 | 5.418 | 5.444 | VV | 122    | 1391    | 0.01% | 0.000% |
| 39 | 5.498 | 5.444 | 5.547 | VV | 197    | 7158    | 0.04% | 0.001% |
| 40 | 5.561 | 5.547 | 5.596 | VV | 87     | 1559    | 0.01% | 0.000% |
| 41 | 5.615 | 5.596 | 5.631 | VV | 151    | 1482    | 0.01% | 0.000% |
| 42 | 5.643 | 5.631 | 5.668 | VV | 129    | 1734    | 0.01% | 0.000% |
| 43 | 5.738 | 5.668 | 5.764 | PV | 212    | 3250    | 0.02% | 0.000% |
| 44 | 5.773 | 5.764 | 5.795 | VV | 66     | 1264    | 0.01% | 0.000% |
| 45 | 5.817 | 5.795 | 5.888 | VV | 145    | 5649    | 0.03% | 0.001% |
| 46 | 5.907 | 5.888 | 5.961 | VV | 177    | 4415    | 0.02% | 0.001% |
| 47 | 5.964 | 5.961 | 5.982 | VV | 152    | 1380    | 0.01% | 0.000% |
| 48 | 5.994 | 5.982 | 6.077 | VV | 127    | 3129    | 0.02% | 0.000% |
| 49 | 6.098 | 6.077 | 6.128 | VV | 133    | 2294    | 0.01% | 0.000% |
| 50 | 6.131 | 6.128 | 6.141 | VV | 124    | 531     | 0.00% | 0.000% |
| 51 | 6.152 | 6.141 | 6.161 | VV | 58     | 448     | 0.00% | 0.000% |
| 52 | 6.190 | 6.161 | 6.235 | PV | 270    | 6104    | 0.03% | 0.001% |
| 53 | 6.255 | 6.235 | 6.265 | VV | 178    | 2524    | 0.01% | 0.000% |
| 54 | 6.273 | 6.265 | 6.308 | VV | 178    | 3112    | 0.02% | 0.000% |
| 55 | 6.312 | 6.308 | 6.332 | VV | 157    | 1607    | 0.01% | 0.000% |
| 56 | 6.361 | 6.332 | 6.392 | VV | 217    | 5828    | 0.03% | 0.001% |
| 57 | 6.424 | 6.392 | 6.522 | VV | 307    | 16344   | 0.08% | 0.002% |
| 58 | 6.536 | 6.522 | 6.572 | VV | 284    | 5236    | 0.03% | 0.001% |
| 59 | 6.582 | 6.572 | 6.614 | VV | 159    | 2625    | 0.01% | 0.000% |
| 60 | 6.657 | 6.614 | 6.694 | VV | 193    | 5221    | 0.03% | 0.001% |
| 61 | 6.736 | 6.694 | 6.775 | VV | 241    | 5844    | 0.03% | 0.001% |
| 62 | 6.798 | 6.775 | 6.856 | PV | 309    | 6013    | 0.03% | 0.001% |
| 63 | 6.906 | 6.856 | 6.930 | VV | 112    | 2846    | 0.01% | 0.000% |
| 64 | 6.999 | 6.930 | 7.026 | VV | 135    | 4409    | 0.02% | 0.001% |
| 65 | 7.092 | 7.026 | 7.132 | VV | 144    | 6128    | 0.03% | 0.001% |
| 66 | 7.151 | 7.132 | 7.161 | PV | 116    | 1075    | 0.01% | 0.000% |
| 67 | 7.175 | 7.161 | 7.194 | VV | 220    | 2732    | 0.01% | 0.000% |
| 68 | 7.224 | 7.194 | 7.277 | VV | 267    | 8812    | 0.05% | 0.001% |
| 69 | 7.313 | 7.277 | 7.343 | VV | 268    | 6363    | 0.03% | 0.001% |
| 70 | 7.365 | 7.343 | 7.389 | VV | 239    | 4428    | 0.02% | 0.001% |
| 71 | 7.404 | 7.389 | 7.416 | VV | 148    | 1581    | 0.01% | 0.000% |
| 72 | 7.501 | 7.416 | 7.518 | VV | 282    | 9034    | 0.05% | 0.001% |
| 73 | 7.538 | 7.518 | 7.552 | VV | 272    | 4058    | 0.02% | 0.001% |
| 74 | 7.572 | 7.552 | 7.632 | VV | 352    | 9065    | 0.05% | 0.001% |
| 75 | 7.636 | 7.632 | 7.646 | VV | 85     | 496     | 0.00% | 0.000% |
| 76 | 7.713 | 7.646 | 7.738 | PV | 218    | 6403    | 0.03% | 0.001% |
| 77 | 7.767 | 7.738 | 7.798 | VV | 382    | 8162    | 0.04% | 0.001% |
| 78 | 7.812 | 7.798 | 7.823 | VV | 133    | 1609    | 0.01% | 0.000% |
| 79 | 7.875 | 7.823 | 7.890 | PV | 732    | 13058   | 0.07% | 0.002% |
| 80 | 7.914 | 7.890 | 8.001 | VV | 85665  | 1150608 | 5.89% | 0.167% |
| 81 | 8.015 | 8.001 | 8.045 | VV | 3244   | 72517   | 0.37% | 0.011% |
| 82 | 8.056 | 8.045 | 8.088 | VV | 2346   | 54377   | 0.28% | 0.008% |
| 83 | 8.121 | 8.088 | 8.134 | VV | 1751   | 47036   | 0.24% | 0.007% |
| 84 | 8.159 | 8.134 | 8.175 | VV | 2011   | 44508   | 0.23% | 0.006% |
| 85 | 8.200 | 8.175 | 8.241 | VV | 2636   | 85881   | 0.44% | 0.012% |
| 86 | 8.289 | 8.241 | 8.315 | VV | 3912   | 124609  | 0.64% | 0.018% |
| 87 | 8.336 | 8.315 | 8.357 | VV | 3229   | 72213   | 0.37% | 0.010% |
| 88 | 8.384 | 8.357 | 8.396 | VV | 3604   | 76329   | 0.39% | 0.011% |
| 89 | 8.412 | 8.396 | 8.421 | VV | 3845   | 52637   | 0.27% | 0.008% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.471  | 8.421  | 8.495  | VV | 5432   | 204127  | 1.05%  | 0.030% |
| 91  | 8.544  | 8.495  | 8.570  | VV | 5629   | 241893  | 1.24%  | 0.035% |
| 92  | 8.622  | 8.570  | 8.637  | VV | 10917  | 319245  | 1.64%  | 0.046% |
| 93  | 8.654  | 8.637  | 8.669  | VV | 9784   | 181551  | 0.93%  | 0.026% |
| 94  | 8.724  | 8.669  | 8.735  | VV | 10880  | 390259  | 2.00%  | 0.057% |
| 95  | 8.750  | 8.735  | 8.781  | VV | 10965  | 290819  | 1.49%  | 0.042% |
| 96  | 8.802  | 8.781  | 8.838  | VV | 38343  | 853482  | 4.37%  | 0.124% |
| 97  | 8.853  | 8.838  | 8.880  | VV | 21317  | 508791  | 2.61%  | 0.074% |
| 98  | 8.892  | 8.880  | 8.896  | VV | 18366  | 180994  | 0.93%  | 0.026% |
| 99  | 8.921  | 8.896  | 8.940  | VV | 25014  | 561056  | 2.87%  | 0.081% |
| 100 | 8.959  | 8.940  | 8.970  | VV | 22947  | 381132  | 1.95%  | 0.055% |
| 101 | 9.008  | 8.970  | 9.028  | VV | 29395  | 910250  | 4.66%  | 0.132% |
| 102 | 9.053  | 9.028  | 9.066  | VV | 24118  | 539270  | 2.76%  | 0.078% |
| 103 | 9.087  | 9.066  | 9.107  | VV | 30760  | 662773  | 3.39%  | 0.096% |
| 104 | 9.154  | 9.107  | 9.171  | VV | 32733  | 1137239 | 5.82%  | 0.165% |
| 105 | 9.210  | 9.171  | 9.225  | VV | 37131  | 1108373 | 5.68%  | 0.161% |
| 106 | 9.237  | 9.225  | 9.254  | VV | 34749  | 601239  | 3.08%  | 0.087% |
| 107 | 9.278  | 9.254  | 9.293  | VV | 38598  | 834778  | 4.28%  | 0.121% |
| 108 | 9.342  | 9.293  | 9.351  | VV | 41516  | 1371324 | 7.02%  | 0.199% |
| 109 | 9.381  | 9.351  | 9.407  | VV | 50720  | 1513344 | 7.75%  | 0.219% |
| 110 | 9.426  | 9.407  | 9.435  | VV | 47713  | 764864  | 3.92%  | 0.111% |
| 111 | 9.450  | 9.435  | 9.468  | VV | 48907  | 927186  | 4.75%  | 0.134% |
| 112 | 9.502  | 9.468  | 9.514  | VV | 58027  | 1421817 | 7.28%  | 0.206% |
| 113 | 9.533  | 9.514  | 9.548  | VV | 60655  | 1188382 | 6.09%  | 0.172% |
| 114 | 9.558  | 9.548  | 9.564  | VV | 57914  | 557827  | 2.86%  | 0.081% |
| 115 | 9.583  | 9.564  | 9.594  | VV | 63450  | 1117724 | 5.72%  | 0.162% |
| 116 | 9.600  | 9.594  | 9.613  | VV | 63482  | 680900  | 3.49%  | 0.099% |
| 117 | 9.681  | 9.613  | 9.712  | VV | 86424  | 4265843 | 21.85% | 0.619% |
| 118 | 9.752  | 9.712  | 9.775  | VV | 81096  | 2803855 | 14.36% | 0.407% |
| 119 | 9.836  | 9.775  | 9.878  | VV | 89522  | 5112867 | 26.19% | 0.741% |
| 120 | 9.934  | 9.878  | 9.951  | VV | 89013  | 3722035 | 19.06% | 0.540% |
| 121 | 9.959  | 9.951  | 9.967  | VV | 88744  | 821333  | 4.21%  | 0.119% |
| 122 | 10.082 | 10.062 | 10.103 | VV | 109528 | 2621630 | 13.43% | 0.380% |
| 123 | 10.161 | 10.141 | 10.198 | VV | 118952 | 3908207 | 20.02% | 0.567% |
| 124 | 10.203 | 10.198 | 10.221 | VV | 114514 | 1583498 | 8.11%  | 0.230% |
| 125 | 10.252 | 10.221 | 10.269 | VV | 126372 | 3476882 | 17.81% | 0.504% |
| 126 | 10.278 | 10.269 | 10.290 | VV | 123955 | 1577331 | 8.08%  | 0.229% |
| 127 | 10.310 | 10.290 | 10.336 | VV | 137925 | 3570817 | 18.29% | 0.518% |
| 128 | 10.428 | 10.399 | 10.440 | VV | 149159 | 3481583 | 17.83% | 0.505% |
| 129 | 10.467 | 10.440 | 10.498 | VV | 190819 | 5762078 | 29.51% | 0.836% |
| 130 | 10.518 | 10.498 | 10.527 | VV | 160251 | 2799910 | 14.34% | 0.406% |
| 131 | 10.549 | 10.527 | 10.575 | VV | 172127 | 4675700 | 23.95% | 0.678% |
| 132 | 10.613 | 10.575 | 10.639 | VV | 210118 | 6780401 | 34.73% | 0.983% |
| 133 | 10.679 | 10.639 | 10.690 | VV | 168778 | 4982545 | 25.52% | 0.723% |
| 134 | 10.748 | 10.690 | 10.767 | VV | 188156 | 8319949 | 42.61% | 1.207% |
| 135 | 10.817 | 10.767 | 10.831 | VV | 192868 | 7102266 | 36.38% | 1.030% |
| 136 | 10.940 | 10.921 | 10.962 | VV | 215190 | 5104632 | 26.15% | 0.740% |
| 137 | 10.974 | 10.962 | 10.995 | VV | 199988 | 3907609 | 20.01% | 0.567% |
| 138 | 11.017 | 10.995 | 11.034 | VV | 219932 | 4737472 | 24.27% | 0.687% |
| 139 | 11.054 | 11.034 | 11.078 | VV | 248817 | 6065284 | 31.07% | 0.880% |
| 140 | 11.093 | 11.078 | 11.121 | VV | 233834 | 5694032 | 29.16% | 0.826% |
| 141 | 11.141 | 11.121 | 11.174 | VV | 232934 | 7095085 | 36.34% | 1.029% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 11.196 | 11.174 | 11.213 | VV | 236543 | 5279673  | 27.04%  | 0.766% |
| 143    | 11.232 | 11.213 | 11.262 | VV | 233314 | 6626465  | 33.94%  | 0.961% |
| 144    | 11.400 | 11.378 | 11.431 | VV | 251899 | 7802544  | 39.96%  | 1.132% |
| 145    | 11.451 | 11.431 | 11.464 | VV | 260856 | 4968902  | 25.45%  | 0.721% |
| 146    | 11.483 | 11.464 | 11.510 | VV | 262418 | 7018216  | 35.95%  | 1.018% |
| 147    | 11.531 | 11.510 | 11.568 | VV | 252293 | 8740469  | 44.77%  | 1.268% |
| 148    | 11.653 | 11.641 | 11.664 | VV | 251087 | 3467867  | 17.76%  | 0.503% |
| 149    | 11.679 | 11.664 | 11.700 | VV | 248603 | 5309735  | 27.20%  | 0.770% |
| 150    | 11.749 | 11.700 | 11.761 | VV | 255392 | 8988395  | 46.04%  | 1.303% |
| 151    | 11.843 | 11.761 | 11.869 | VV | 366575 | 18382373 | 94.15%  | 2.666% |
| 152    | 11.894 | 11.869 | 11.907 | VV | 277386 | 6079092  | 31.14%  | 0.882% |
| 153    | 11.917 | 11.907 | 11.946 | VV | 273509 | 6174525  | 31.63%  | 0.895% |
| 154    | 11.982 | 11.946 | 11.999 | VV | 277774 | 8596954  | 44.03%  | 1.247% |
| 155    | 12.017 | 11.999 | 12.038 | VV | 295608 | 6411895  | 32.84%  | 0.930% |
| 156    | 12.046 | 12.038 | 12.063 | VV | 275757 | 4120212  | 21.10%  | 0.598% |
| 157    | 12.073 | 12.063 | 12.094 | VV | 273576 | 5107249  | 26.16%  | 0.741% |
| 158    | 12.135 | 12.094 | 12.148 | VV | 292510 | 8826132  | 45.21%  | 1.280% |
| 159    | 12.173 | 12.148 | 12.218 | VV | 316842 | 12320098 | 63.10%  | 1.787% |
| 160    | 12.303 | 12.244 | 12.365 | VV | 283784 | 19523592 | 100.00% | 2.831% |
| 161    | 12.394 | 12.365 | 12.434 | VV | 272261 | 10991465 | 56.30%  | 1.594% |
| 162    | 12.455 | 12.434 | 12.478 | VV | 285519 | 7239522  | 37.08%  | 1.050% |
| 163    | 12.495 | 12.478 | 12.537 | VV | 282095 | 9424838  | 48.27%  | 1.367% |
| 164    | 12.552 | 12.537 | 12.567 | VV | 267964 | 4752963  | 24.34%  | 0.689% |
| 165    | 12.585 | 12.567 | 12.597 | VV | 269108 | 4667720  | 23.91%  | 0.677% |
| 166    | 12.607 | 12.597 | 12.632 | VV | 273753 | 5520214  | 28.27%  | 0.801% |
| 167    | 12.686 | 12.632 | 12.726 | VV | 277795 | 14833180 | 75.98%  | 2.151% |
| 168    | 12.754 | 12.726 | 12.818 | VV | 268219 | 14239528 | 72.93%  | 2.065% |
| 169    | 12.837 | 12.818 | 12.894 | VV | 266807 | 11661676 | 59.73%  | 1.691% |
| 170    | 12.976 | 12.962 | 13.007 | VV | 258117 | 6674120  | 34.18%  | 0.968% |
| 171    | 13.023 | 13.007 | 13.071 | VV | 239296 | 9067313  | 46.44%  | 1.315% |
| 172    | 13.101 | 13.071 | 13.141 | VV | 239605 | 9885073  | 50.63%  | 1.434% |
| 173    | 13.158 | 13.141 | 13.178 | VV | 241090 | 5149212  | 26.37%  | 0.747% |
| 174    | 13.192 | 13.178 | 13.207 | VV | 233456 | 4086638  | 20.93%  | 0.593% |
| 175    | 13.245 | 13.207 | 13.253 | VV | 232729 | 6286056  | 32.20%  | 0.912% |
| 176    | 13.278 | 13.253 | 13.306 | VV | 307248 | 8201345  | 42.01%  | 1.189% |
| 177    | 13.375 | 13.361 | 13.399 | VV | 238454 | 5382084  | 27.57%  | 0.781% |
| 178    | 13.410 | 13.399 | 13.427 | VV | 229972 | 3745950  | 19.19%  | 0.543% |
| 179    | 13.447 | 13.427 | 13.456 | VV | 222667 | 3817882  | 19.56%  | 0.554% |
| 180    | 13.492 | 13.456 | 13.534 | VV | 306216 | 11616544 | 59.50%  | 1.685% |
| 181    | 13.540 | 13.534 | 13.575 | VV | 217519 | 5145090  | 26.35%  | 0.746% |
| 182    | 13.603 | 13.575 | 13.637 | VV | 234244 | 8042217  | 41.19%  | 1.166% |
| 183    | 13.666 | 13.637 | 13.688 | VV | 221747 | 6584835  | 33.73%  | 0.955% |
| 184    | 13.708 | 13.688 | 13.738 | VV | 219966 | 6358036  | 32.57%  | 0.922% |
| 185    | 13.752 | 13.738 | 13.813 | VV | 215708 | 9099554  | 46.61%  | 1.320% |
| 186    | 13.824 | 13.813 | 13.833 | VV | 192875 | 2268707  | 11.62%  | 0.329% |
| 187    | 13.873 | 13.833 | 13.898 | VV | 206838 | 7853873  | 40.23%  | 1.139% |
| 188    | 13.931 | 13.898 | 13.984 | VV | 200849 | 10041079 | 51.43%  | 1.456% |
| 189    | 14.021 | 13.984 | 14.056 | VV | 198107 | 8117376  | 41.58%  | 1.177% |
| 190    | 14.074 | 14.056 | 14.131 | VV | 194817 | 8187620  | 41.94%  | 1.187% |
| 191    | 14.175 | 14.131 | 14.218 | VV | 184579 | 9131457  | 46.77%  | 1.324% |
| 192    | 14.239 | 14.218 | 14.252 | VV | 186269 | 3761770  | 19.27%  | 0.546% |
| 193    | 14.260 | 14.252 | 14.284 | VV | 183788 | 3388534  | 17.36%  | 0.491% |
| 194    | 14.322 | 14.284 | 14.374 | VV | 170183 | 8840519  | 45.28%  | 1.282% |

| rteres |        |        |        |    |        |          |               |
|--------|--------|--------|--------|----|--------|----------|---------------|
| 195    | 14.382 | 14.374 | 14.398 | VV | 157762 | 2193895  | 11.24% 0.318% |
| 196    | 14.412 | 14.398 | 14.426 | VV | 161310 | 2688955  | 13.77% 0.390% |
| 197    | 14.433 | 14.426 | 14.456 | VV | 156951 | 2774545  | 14.21% 0.402% |
| 198    | 14.479 | 14.456 | 14.504 | VV | 154307 | 4381255  | 22.44% 0.635% |
| 199    | 14.532 | 14.504 | 14.594 | VV | 163663 | 7933055  | 40.63% 1.150% |
| 200    | 14.607 | 14.594 | 14.626 | VV | 142667 | 2626055  | 13.45% 0.381% |
| 201    | 14.652 | 14.626 | 14.663 | VV | 145696 | 3067394  | 15.71% 0.445% |
| 202    | 14.670 | 14.663 | 14.701 | VV | 143077 | 3209633  | 16.44% 0.465% |
| 203    | 14.712 | 14.701 | 14.741 | VV | 140658 | 3297558  | 16.89% 0.478% |
| 204    | 14.757 | 14.741 | 14.803 | VV | 130260 | 4643931  | 23.79% 0.673% |
| 205    | 14.838 | 14.803 | 14.951 | VV | 132321 | 10545187 | 54.01% 1.529% |
| 206    | 14.967 | 14.951 | 14.990 | VV | 113986 | 2619848  | 13.42% 0.380% |
| 207    | 15.002 | 14.990 | 15.031 | VV | 110785 | 2658981  | 13.62% 0.386% |
| 208    | 15.038 | 15.031 | 15.108 | VV | 110011 | 4757909  | 24.37% 0.690% |
| 209    | 15.120 | 15.108 | 15.131 | VV | 102266 | 1414077  | 7.24% 0.205%  |
| 210    | 15.138 | 15.131 | 15.146 | VV | 101965 | 895584   | 4.59% 0.130%  |
| 211    | 15.154 | 15.146 | 15.238 | VV | 101128 | 5301166  | 27.15% 0.769% |
| 212    | 15.258 | 15.238 | 15.307 | VV | 93922  | 3767818  | 19.30% 0.546% |
| 213    | 15.320 | 15.307 | 15.342 | VV | 88105  | 1828493  | 9.37% 0.265%  |
| 214    | 15.353 | 15.342 | 15.368 | VV | 86044  | 1305105  | 6.68% 0.189%  |
| 215    | 15.380 | 15.368 | 15.414 | VV | 85610  | 2297707  | 11.77% 0.333% |
| 216    | 15.438 | 15.414 | 15.502 | VV | 83897  | 4161364  | 21.31% 0.603% |
| 217    | 15.523 | 15.502 | 15.538 | VV | 77654  | 1657759  | 8.49% 0.240%  |
| 218    | 15.553 | 15.538 | 15.615 | VV | 77047  | 3346298  | 17.14% 0.485% |
| 219    | 15.669 | 15.615 | 15.846 | VV | 75467  | 8900312  | 45.59% 1.291% |
| 220    | 15.862 | 15.846 | 15.885 | VV | 57966  | 1308672  | 6.70% 0.190%  |
| 221    | 15.902 | 15.885 | 15.930 | VV | 56473  | 1473276  | 7.55% 0.214%  |
| 222    | 15.952 | 15.930 | 16.018 | VV | 55746  | 2761364  | 14.14% 0.400% |
| 223    | 16.027 | 16.018 | 16.036 | VV | 48573  | 522051   | 2.67% 0.076%  |
| 224    | 16.042 | 16.036 | 16.079 | VV | 48703  | 1217246  | 6.23% 0.177%  |
| 225    | 16.091 | 16.079 | 16.131 | VV | 46030  | 1407456  | 7.21% 0.204%  |
| 226    | 16.145 | 16.131 | 16.154 | VV | 45518  | 629315   | 3.22% 0.091%  |
| 227    | 16.164 | 16.154 | 16.248 | VV | 45383  | 2354527  | 12.06% 0.341% |
| 228    | 16.260 | 16.248 | 16.303 | VV | 38475  | 1261209  | 6.46% 0.183%  |
| 229    | 16.329 | 16.303 | 16.382 | VV | 46458  | 1859593  | 9.52% 0.270%  |
| 230    | 16.432 | 16.382 | 16.486 | VV | 36234  | 2186312  | 11.20% 0.317% |
| 231    | 16.501 | 16.486 | 16.556 | VV | 36325  | 1357237  | 6.95% 0.197%  |
| 232    | 16.577 | 16.556 | 16.601 | VV | 30755  | 794810   | 4.07% 0.115%  |
| 233    | 16.623 | 16.601 | 16.681 | VV | 29674  | 1301709  | 6.67% 0.189%  |
| 234    | 16.720 | 16.681 | 16.730 | VV | 28002  | 780081   | 4.00% 0.113%  |
| 235    | 16.741 | 16.730 | 16.761 | VV | 27795  | 497160   | 2.55% 0.072%  |
| 236    | 16.767 | 16.761 | 16.811 | VV | 27069  | 730792   | 3.74% 0.106%  |
| 237    | 16.830 | 16.811 | 16.906 | VV | 24214  | 1267870  | 6.49% 0.184%  |
| 238    | 16.945 | 16.906 | 17.008 | VV | 22309  | 1180925  | 6.05% 0.171%  |
| 239    | 17.017 | 17.008 | 17.030 | VV | 17190  | 223316   | 1.14% 0.032%  |
| 240    | 17.077 | 17.030 | 17.089 | VV | 18647  | 622448   | 3.19% 0.090%  |
| 241    | 17.109 | 17.089 | 17.131 | VV | 21605  | 486897   | 2.49% 0.071%  |
| 242    | 17.142 | 17.131 | 17.158 | VV | 17195  | 269456   | 1.38% 0.039%  |
| 243    | 17.179 | 17.158 | 17.204 | VV | 15990  | 419284   | 2.15% 0.061%  |
| 244    | 17.217 | 17.204 | 17.241 | VV | 13492  | 287809   | 1.47% 0.042%  |
| 245    | 17.278 | 17.241 | 17.287 | VV | 13872  | 366433   | 1.88% 0.053%  |
| 246    | 17.310 | 17.287 | 17.354 | VV | 15459  | 540040   | 2.77% 0.078%  |

| rteres                  |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 247                     | 17.367 | 17.354 | 17.376 | VV | 10296     | 133794  | 0.69%  | 0.019% |
| 248                     | 17.400 | 17.376 | 17.442 | VV | 12337     | 435397  | 2.23%  | 0.063% |
| 249                     | 17.476 | 17.442 | 17.524 | VV | 10849     | 471742  | 2.42%  | 0.068% |
| 250                     | 17.542 | 17.524 | 17.594 | VV | 10349     | 371740  | 1.90%  | 0.054% |
| 251                     | 17.609 | 17.594 | 17.625 | VV | 8535      | 144646  | 0.74%  | 0.021% |
| 252                     | 17.649 | 17.625 | 17.691 | VV | 8362      | 284889  | 1.46%  | 0.041% |
| 253                     | 17.696 | 17.691 | 17.716 | VV | 5914      | 86409   | 0.44%  | 0.013% |
| 254                     | 17.736 | 17.716 | 17.792 | VV | 6201      | 228601  | 1.17%  | 0.033% |
| 255                     | 17.825 | 17.792 | 17.842 | VV | 4606      | 130421  | 0.67%  | 0.019% |
| 256                     | 17.872 | 17.842 | 17.891 | VV | 5164      | 127409  | 0.65%  | 0.018% |
| 257                     | 17.915 | 17.891 | 17.924 | VV | 4398      | 81995   | 0.42%  | 0.012% |
| 258                     | 17.973 | 17.924 | 18.002 | VV | 6464      | 218096  | 1.12%  | 0.032% |
| 259                     | 18.019 | 18.002 | 18.038 | VV | 3995      | 69958   | 0.36%  | 0.010% |
| 260                     | 18.115 | 18.038 | 18.131 | VV | 4058      | 175441  | 0.90%  | 0.025% |
| 261                     | 18.141 | 18.131 | 18.191 | VV | 3310      | 82173   | 0.42%  | 0.012% |
| 262                     | 18.210 | 18.191 | 18.236 | VV | 1803      | 40274   | 0.21%  | 0.006% |
| 263                     | 18.255 | 18.236 | 18.278 | VV | 1380      | 26605   | 0.14%  | 0.004% |
| 264                     | 18.304 | 18.278 | 18.318 | VV | 1332      | 28050   | 0.14%  | 0.004% |
| 265                     | 18.353 | 18.318 | 18.376 | VV | 3421      | 73614   | 0.38%  | 0.011% |
| 266                     | 18.397 | 18.376 | 18.431 | VV | 3672      | 66676   | 0.34%  | 0.010% |
| 267                     | 18.481 | 18.431 | 18.561 | VV | 2856      | 90711   | 0.46%  | 0.013% |
| 268                     | 18.567 | 18.561 | 18.585 | VV | 471       | 4929    | 0.03%  | 0.001% |
| 269                     | 18.607 | 18.585 | 18.642 | VV | 455       | 10111   | 0.05%  | 0.001% |
| 270                     | 18.671 | 18.642 | 18.695 | VV | 420       | 9991    | 0.05%  | 0.001% |
| 271                     | 18.703 | 18.695 | 18.734 | VV | 471       | 4961    | 0.03%  | 0.001% |
| 272                     | 18.739 | 18.734 | 18.751 | VV | 152       | 650     | 0.00%  | 0.000% |
| 273                     | 18.807 | 18.751 | 18.861 | PV | 3101      | 53978   | 0.28%  | 0.008% |
| 274                     | 18.909 | 18.861 | 18.928 | VV | 1872      | 36972   | 0.19%  | 0.005% |
| 275                     | 19.120 | 18.928 | 19.134 | VV | 2956      | 250597  | 1.28%  | 0.036% |
| 276                     | 19.204 | 19.134 | 19.254 | VV | 6012      | 296084  | 1.52%  | 0.043% |
| 277                     | 19.295 | 19.254 | 19.324 | VV | 3838      | 154947  | 0.79%  | 0.022% |
| 278                     | 19.665 | 19.644 | 19.678 | VV | 7041      | 138680  | 0.71%  | 0.020% |
| 279                     | 19.776 | 19.678 | 19.802 | VV | 9098      | 623320  | 3.19%  | 0.090% |
| 280                     | 20.335 | 20.250 | 20.356 | VV | 19722     | 1128862 | 5.78%  | 0.164% |
| 281                     | 20.860 | 20.356 | 20.884 | VV | 31568     | 8079913 | 41.39% | 1.172% |
| 282                     | 20.895 | 20.884 | 20.900 | VV | 31179     | 301668  | 1.55%  | 0.044% |
| 283                     | 20.960 | 20.900 | 20.986 | VV | 31976     | 1629212 | 8.34%  | 0.236% |
| 284                     | 20.998 | 20.986 | 21.011 | VV | 31616     | 466896  | 2.39%  | 0.068% |
| 285                     | 21.051 | 21.011 | 21.094 | VV | 31503     | 1550149 | 7.94%  | 0.225% |
| 286                     | 21.292 | 21.094 | 21.418 | VV | 33416     | 6321335 | 32.38% | 0.917% |
| 287                     | 21.506 | 21.418 | 21.531 | VV | 33175     | 2226961 | 11.41% | 0.323% |
| 288                     | 21.561 | 21.531 | 21.571 | VV | 32763     | 778603  | 3.99%  | 0.113% |
| 289                     | 21.652 | 21.571 | 21.681 | VV | 33442     | 2188915 | 11.21% | 0.317% |
| Sum of corrected areas: |        |        |        |    | 689566951 |         |        |        |

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