

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120522AL\  
 Data File : FE039138.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Dec 2022 00:59  
 Sample : N5872-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.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         | 3.338       | 3.254        | 3.445      | BV       | 108            | 887          | 0.01%          | 0.001%        |
| 2         | 3.464       | 3.445        | 3.548      | PV       | 212            | 6214         | 0.08%          | 0.006%        |
| 3         | 3.560       | 3.548        | 3.594      | PV       | 131            | 2208         | 0.03%          | 0.002%        |
| 4         | 3.622       | 3.594        | 3.634      | VV       | 91             | 1140         | 0.01%          | 0.001%        |
| 5         | 3.650       | 3.634        | 3.704      | VV       | 124            | 3334         | 0.04%          | 0.003%        |
| 6         | 3.734       | 3.704        | 3.760      | VV       | 239            | 4421         | 0.06%          | 0.004%        |
| 7         | 3.779       | 3.760        | 3.798      | VV       | 586            | 9883         | 0.12%          | 0.010%        |
| 8         | 3.809       | 3.798        | 3.848      | VV       | 634            | 10496        | 0.13%          | 0.010%        |
| 9         | 3.861       | 3.848        | 3.888      | VV       | 186            | 3340         | 0.04%          | 0.003%        |
| 10        | 3.924       | 3.888        | 4.000      | VV       | 531            | 11671        | 0.15%          | 0.011%        |
| 11        | 4.019       | 4.000        | 4.032      | VV       | 269            | 3229         | 0.04%          | 0.003%        |
| 12        | 4.043       | 4.032        | 4.066      | VV       | 163            | 2473         | 0.03%          | 0.002%        |
| 13        | 4.072       | 4.066        | 4.104      | VV       | 76             | 1678         | 0.02%          | 0.002%        |
| 14        | 4.128       | 4.104        | 4.145      | VV       | 375            | 5035         | 0.06%          | 0.005%        |
| 15        | 4.172       | 4.145        | 4.211      | VV       | 403            | 8165         | 0.10%          | 0.008%        |
| 16        | 4.224       | 4.211        | 4.268      | VV       | 194            | 3766         | 0.05%          | 0.004%        |
| 17        | 4.326       | 4.268        | 4.342      | VV       | 624            | 9376         | 0.12%          | 0.009%        |
| 18        | 4.355       | 4.342        | 4.410      | VV       | 403            | 8085         | 0.10%          | 0.008%        |
| 19        | 4.431       | 4.410        | 4.440      | VV       | 148            | 1814         | 0.02%          | 0.002%        |
| 20        | 4.449       | 4.440        | 4.456      | VV       | 143            | 997          | 0.01%          | 0.001%        |
| 21        | 4.464       | 4.456        | 4.517      | VV       | 112            | 3469         | 0.04%          | 0.003%        |
| 22        | 4.537       | 4.517        | 4.561      | VV       | 204            | 2586         | 0.03%          | 0.003%        |
| 23        | 4.588       | 4.561        | 4.614      | VV       | 311            | 4885         | 0.06%          | 0.005%        |
| 24        | 4.630       | 4.614        | 4.675      | VV       | 269            | 4809         | 0.06%          | 0.005%        |
| 25        | 4.712       | 4.675        | 4.733      | VV       | 233            | 5970         | 0.07%          | 0.006%        |
| 26        | 4.756       | 4.733        | 4.787      | VV       | 390            | 7926         | 0.10%          | 0.008%        |
| 27        | 4.838       | 4.787        | 4.857      | VV       | 250            | 7626         | 0.10%          | 0.007%        |
| 28        | 4.871       | 4.857        | 4.922      | VV       | 246            | 6330         | 0.08%          | 0.006%        |
| 29        | 4.932       | 4.922        | 4.958      | VV       | 180            | 3978         | 0.05%          | 0.004%        |
| 30        | 4.965       | 4.958        | 4.984      | VV       | 257            | 3319         | 0.04%          | 0.003%        |
| 31        | 5.007       | 4.984        | 5.019      | VV       | 215            | 3790         | 0.05%          | 0.004%        |
| 32        | 5.051       | 5.019        | 5.069      | VV       | 350            | 7715         | 0.10%          | 0.008%        |
| 33        | 5.097       | 5.069        | 5.119      | VV       | 391            | 8299         | 0.10%          | 0.008%        |
| 34        | 5.126       | 5.119        | 5.154      | VV       | 247            | 3508         | 0.04%          | 0.003%        |
| 35        | 5.165       | 5.154        | 5.191      | VV       | 226            | 3060         | 0.04%          | 0.003%        |
| 36        | 5.203       | 5.191        | 5.217      | VV       | 144            | 1837         | 0.02%          | 0.002%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.240 | 5.217 | 5.253 | PV | 180    | 2851   | 0.04% | 0.003% |
| 38 | 5.291 | 5.253 | 5.323 | VV | 387    | 8564   | 0.11% | 0.008% |
| 39 | 5.338 | 5.323 | 5.354 | VV | 276    | 3413   | 0.04% | 0.003% |
| 40 | 5.373 | 5.354 | 5.387 | VV | 272    | 3532   | 0.04% | 0.003% |
| 41 | 5.406 | 5.387 | 5.425 | VV | 501    | 6709   | 0.08% | 0.007% |
| 42 | 5.441 | 5.425 | 5.501 | VV | 294    | 7644   | 0.10% | 0.007% |
| 43 | 5.528 | 5.501 | 5.558 | VV | 567    | 9461   | 0.12% | 0.009% |
| 44 | 5.569 | 5.558 | 5.584 | VV | 318    | 4146   | 0.05% | 0.004% |
| 45 | 5.599 | 5.584 | 5.644 | VV | 383    | 6220   | 0.08% | 0.006% |
| 46 | 5.663 | 5.644 | 5.684 | VV | 190    | 2594   | 0.03% | 0.003% |
| 47 | 5.734 | 5.684 | 5.764 | VV | 906    | 21562  | 0.27% | 0.021% |
| 48 | 5.783 | 5.764 | 5.815 | VV | 662    | 11008  | 0.14% | 0.011% |
| 49 | 5.838 | 5.815 | 5.883 | VV | 412    | 8284   | 0.10% | 0.008% |
| 50 | 5.907 | 5.883 | 5.939 | PV | 836    | 12205  | 0.15% | 0.012% |
| 51 | 5.955 | 5.939 | 5.976 | VV | 386    | 5307   | 0.07% | 0.005% |
| 52 | 6.015 | 5.976 | 6.057 | VV | 671    | 17476  | 0.22% | 0.017% |
| 53 | 6.111 | 6.057 | 6.141 | VV | 895    | 16799  | 0.21% | 0.016% |
| 54 | 6.150 | 6.141 | 6.171 | VV | 237    | 3578   | 0.04% | 0.004% |
| 55 | 6.201 | 6.171 | 6.218 | VV | 545    | 7914   | 0.10% | 0.008% |
| 56 | 6.254 | 6.218 | 6.272 | VV | 556    | 11287  | 0.14% | 0.011% |
| 57 | 6.294 | 6.272 | 6.321 | VV | 1455   | 22034  | 0.27% | 0.022% |
| 58 | 6.347 | 6.321 | 6.369 | VV | 662    | 13504  | 0.17% | 0.013% |
| 59 | 6.395 | 6.369 | 6.418 | VV | 626    | 7791   | 0.10% | 0.008% |
| 60 | 6.440 | 6.418 | 6.450 | VV | 786    | 10974  | 0.14% | 0.011% |
| 61 | 6.462 | 6.450 | 6.508 | VV | 956    | 20682  | 0.26% | 0.020% |
| 62 | 6.523 | 6.508 | 6.556 | VV | 781    | 12538  | 0.16% | 0.012% |
| 63 | 6.577 | 6.556 | 6.611 | VV | 881    | 15260  | 0.19% | 0.015% |
| 64 | 6.627 | 6.611 | 6.638 | VV | 320    | 4795   | 0.06% | 0.005% |
| 65 | 6.677 | 6.638 | 6.708 | VV | 1457   | 25461  | 0.32% | 0.025% |
| 66 | 6.751 | 6.708 | 6.815 | VV | 3678   | 54865  | 0.68% | 0.054% |
| 67 | 6.839 | 6.815 | 6.851 | VV | 524    | 6805   | 0.08% | 0.007% |
| 68 | 6.870 | 6.851 | 6.886 | VV | 829    | 12899  | 0.16% | 0.013% |
| 69 | 6.904 | 6.886 | 6.931 | VV | 1827   | 25190  | 0.31% | 0.025% |
| 70 | 6.950 | 6.931 | 6.967 | VV | 1031   | 14309  | 0.18% | 0.014% |
| 71 | 6.977 | 6.967 | 6.989 | VV | 571    | 5853   | 0.07% | 0.006% |
| 72 | 7.034 | 6.989 | 7.055 | VV | 2149   | 33495  | 0.42% | 0.033% |
| 73 | 7.096 | 7.055 | 7.128 | PV | 1106   | 27256  | 0.34% | 0.027% |
| 74 | 7.158 | 7.128 | 7.188 | VV | 4762   | 60427  | 0.75% | 0.059% |
| 75 | 7.200 | 7.188 | 7.214 | VV | 579    | 8247   | 0.10% | 0.008% |
| 76 | 7.231 | 7.214 | 7.247 | VV | 1327   | 18791  | 0.23% | 0.018% |
| 77 | 7.281 | 7.247 | 7.303 | VV | 2211   | 42972  | 0.54% | 0.042% |
| 78 | 7.324 | 7.303 | 7.349 | VV | 3031   | 37934  | 0.47% | 0.037% |
| 79 | 7.390 | 7.349 | 7.412 | VV | 3569   | 68110  | 0.85% | 0.067% |
| 80 | 7.427 | 7.412 | 7.449 | VV | 1686   | 25113  | 0.31% | 0.025% |
| 81 | 7.470 | 7.449 | 7.510 | VV | 3602   | 57825  | 0.72% | 0.057% |
| 82 | 7.530 | 7.510 | 7.553 | VV | 1638   | 28732  | 0.36% | 0.028% |
| 83 | 7.571 | 7.553 | 7.589 | VV | 1397   | 19452  | 0.24% | 0.019% |
| 84 | 7.603 | 7.589 | 7.618 | VV | 863    | 12808  | 0.16% | 0.013% |
| 85 | 7.696 | 7.618 | 7.721 | VV | 14262  | 236283 | 2.95% | 0.231% |
| 86 | 7.735 | 7.721 | 7.756 | VV | 1911   | 31109  | 0.39% | 0.030% |
| 87 | 7.767 | 7.756 | 7.807 | VV | 1595   | 35217  | 0.44% | 0.034% |
| 88 | 7.822 | 7.807 | 7.843 | VV | 739    | 12576  | 0.16% | 0.012% |
| 89 | 7.871 | 7.843 | 7.908 | VV | 4792   | 85397  | 1.06% | 0.084% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.926  | 7.908  | 7.945  | VV | 1973   | 23758  | 0.30% | 0.023% |
| 91  | 7.967  | 7.945  | 7.978  | VV | 1100   | 13510  | 0.17% | 0.013% |
| 92  | 8.067  | 8.054  | 8.101  | VV | 3067   | 66286  | 0.83% | 0.065% |
| 93  | 8.128  | 8.101  | 8.144  | VV | 3496   | 62269  | 0.78% | 0.061% |
| 94  | 8.159  | 8.144  | 8.168  | VV | 2970   | 39551  | 0.49% | 0.039% |
| 95  | 8.177  | 8.168  | 8.198  | VV | 3019   | 40667  | 0.51% | 0.040% |
| 96  | 8.222  | 8.198  | 8.244  | VV | 4002   | 59254  | 0.74% | 0.058% |
| 97  | 8.269  | 8.244  | 8.289  | VV | 4667   | 68328  | 0.85% | 0.067% |
| 98  | 8.307  | 8.289  | 8.316  | VV | 4654   | 54739  | 0.68% | 0.054% |
| 99  | 8.328  | 8.316  | 8.353  | VV | 5490   | 69279  | 0.86% | 0.068% |
| 100 | 8.396  | 8.353  | 8.430  | VV | 6970   | 121730 | 1.52% | 0.119% |
| 101 | 8.451  | 8.430  | 8.461  | VV | 1626   | 27483  | 0.34% | 0.027% |
| 102 | 8.487  | 8.461  | 8.515  | VV | 3778   | 91917  | 1.15% | 0.090% |
| 103 | 8.528  | 8.515  | 8.540  | VV | 3715   | 48178  | 0.60% | 0.047% |
| 104 | 8.576  | 8.540  | 8.604  | VV | 26091  | 362511 | 4.52% | 0.355% |
| 105 | 8.619  | 8.604  | 8.638  | VV | 3640   | 57614  | 0.72% | 0.056% |
| 106 | 8.679  | 8.638  | 8.706  | VV | 3604   | 101802 | 1.27% | 0.100% |
| 107 | 8.740  | 8.706  | 8.754  | VV | 3760   | 72826  | 0.91% | 0.071% |
| 108 | 8.766  | 8.754  | 8.780  | VV | 3341   | 40830  | 0.51% | 0.040% |
| 109 | 8.800  | 8.780  | 8.840  | VV | 4955   | 95169  | 1.19% | 0.093% |
| 110 | 8.936  | 8.925  | 8.964  | VV | 5170   | 108752 | 1.36% | 0.106% |
| 111 | 8.997  | 8.964  | 9.012  | VV | 5158   | 132575 | 1.65% | 0.130% |
| 112 | 9.029  | 9.012  | 9.052  | VV | 5524   | 105946 | 1.32% | 0.104% |
| 113 | 9.070  | 9.052  | 9.088  | VV | 4914   | 83812  | 1.05% | 0.082% |
| 114 | 9.116  | 9.088  | 9.141  | VV | 12364  | 194138 | 2.42% | 0.190% |
| 115 | 9.170  | 9.141  | 9.208  | VV | 4756   | 115114 | 1.44% | 0.113% |
| 116 | 9.226  | 9.208  | 9.248  | VV | 3789   | 67539  | 0.84% | 0.066% |
| 117 | 9.264  | 9.248  | 9.285  | VV | 3538   | 58320  | 0.73% | 0.057% |
| 118 | 9.299  | 9.285  | 9.309  | VV | 2128   | 29371  | 0.37% | 0.029% |
| 119 | 9.344  | 9.309  | 9.365  | VV | 3780   | 99777  | 1.24% | 0.098% |
| 120 | 9.402  | 9.365  | 9.469  | VV | 36869  | 545050 | 6.80% | 0.534% |
| 121 | 9.489  | 9.469  | 9.515  | VV | 3580   | 68930  | 0.86% | 0.067% |
| 122 | 9.551  | 9.515  | 9.570  | VV | 3484   | 74892  | 0.93% | 0.073% |
| 123 | 9.605  | 9.570  | 9.619  | VV | 2451   | 54388  | 0.68% | 0.053% |
| 124 | 9.635  | 9.619  | 9.653  | VV | 3251   | 49012  | 0.61% | 0.048% |
| 125 | 9.688  | 9.653  | 9.711  | VV | 3834   | 84448  | 1.05% | 0.083% |
| 126 | 9.733  | 9.711  | 9.753  | VV | 3013   | 60763  | 0.76% | 0.059% |
| 127 | 9.779  | 9.753  | 9.811  | VV | 8409   | 170676 | 2.13% | 0.167% |
| 128 | 9.823  | 9.811  | 9.833  | VV | 3788   | 43448  | 0.54% | 0.043% |
| 129 | 9.862  | 9.833  | 9.886  | VV | 6141   | 136159 | 1.70% | 0.133% |
| 130 | 9.910  | 9.886  | 9.930  | VV | 5809   | 100819 | 1.26% | 0.099% |
| 131 | 9.961  | 9.930  | 9.991  | VV | 5829   | 126078 | 1.57% | 0.123% |
| 132 | 10.013 | 9.991  | 10.031 | VV | 2053   | 41225  | 0.51% | 0.040% |
| 133 | 10.051 | 10.031 | 10.079 | VV | 12921  | 163255 | 2.04% | 0.160% |
| 134 | 10.101 | 10.079 | 10.110 | VV | 3252   | 51059  | 0.64% | 0.050% |
| 135 | 10.138 | 10.110 | 10.160 | VV | 5224   | 118601 | 1.48% | 0.116% |
| 136 | 10.182 | 10.160 | 10.233 | VV | 41732  | 517587 | 6.45% | 0.507% |
| 137 | 10.258 | 10.233 | 10.277 | VV | 2536   | 55749  | 0.70% | 0.055% |
| 138 | 10.288 | 10.277 | 10.331 | VV | 2526   | 46110  | 0.57% | 0.045% |
| 139 | 10.357 | 10.331 | 10.385 | VV | 2645   | 48026  | 0.60% | 0.047% |
| 140 | 10.393 | 10.385 | 10.410 | VV | 1142   | 15388  | 0.19% | 0.015% |
| 141 | 10.457 | 10.410 | 10.476 | VV | 1798   | 46690  | 0.58% | 0.046% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.527 | 10.476 | 10.546 | VV | 5527   | 113911  | 1.42%  | 0.112% |
| 143 | 10.571 | 10.546 | 10.600 | VV | 15559  | 236295  | 2.95%  | 0.231% |
| 144 | 10.622 | 10.600 | 10.640 | VV | 5258   | 84554   | 1.05%  | 0.083% |
| 145 | 10.659 | 10.640 | 10.682 | VV | 6053   | 95143   | 1.19%  | 0.093% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.715 | 10.682 | 10.745 | VV | 5631   | 105461  | 1.31%  | 0.103% |
| 147 | 10.768 | 10.745 | 10.781 | VV | 1881   | 27713   | 0.35%  | 0.027% |
| 148 | 10.790 | 10.781 | 10.799 | VV | 1329   | 14346   | 0.18%  | 0.014% |
| 149 | 10.835 | 10.799 | 10.884 | VV | 2696   | 104359  | 1.30%  | 0.102% |
| 150 | 10.921 | 10.884 | 10.956 | VV | 38982  | 512525  | 6.39%  | 0.502% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.993 | 10.956 | 11.023 | VV | 15022  | 272446  | 3.40%  | 0.267% |
| 152 | 11.039 | 11.023 | 11.081 | VV | 2510   | 54415   | 0.68%  | 0.053% |
| 153 | 11.137 | 11.081 | 11.152 | VV | 1620   | 43164   | 0.54%  | 0.042% |
| 154 | 11.176 | 11.152 | 11.218 | VV | 8867   | 146101  | 1.82%  | 0.143% |
| 155 | 11.251 | 11.218 | 11.281 | VV | 6061   | 129414  | 1.61%  | 0.127% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.313 | 11.281 | 11.355 | VV | 5085   | 129958  | 1.62%  | 0.127% |
| 157 | 11.375 | 11.355 | 11.409 | VV | 4047   | 64768   | 0.81%  | 0.063% |
| 158 | 11.428 | 11.409 | 11.454 | VV | 3462   | 45974   | 0.57%  | 0.045% |
| 159 | 11.483 | 11.454 | 11.506 | VV | 1890   | 32666   | 0.41%  | 0.032% |
| 160 | 11.561 | 11.506 | 11.598 | PV | 2766   | 87923   | 1.10%  | 0.086% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.624 | 11.598 | 11.682 | VV | 34555  | 458072  | 5.71%  | 0.449% |
| 162 | 11.714 | 11.682 | 11.760 | VV | 12062  | 207518  | 2.59%  | 0.203% |
| 163 | 11.777 | 11.760 | 11.797 | VV | 1279   | 18373   | 0.23%  | 0.018% |
| 164 | 11.827 | 11.797 | 11.851 | PV | 1864   | 29504   | 0.37%  | 0.029% |
| 165 | 11.873 | 11.851 | 11.891 | VV | 1531   | 28033   | 0.35%  | 0.027% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.944 | 11.891 | 11.995 | VV | 401011 | 4429861 | 55.24% | 4.338% |
| 167 | 12.014 | 11.995 | 12.042 | VV | 6032   | 95910   | 1.20%  | 0.094% |
| 168 | 12.059 | 12.042 | 12.073 | VV | 2951   | 38768   | 0.48%  | 0.038% |
| 169 | 12.098 | 12.073 | 12.117 | VV | 4703   | 89833   | 1.12%  | 0.088% |
| 170 | 12.127 | 12.117 | 12.143 | VV | 3814   | 45237   | 0.56%  | 0.044% |
|     |        |        |        |    |        |         |        |        |
| 171 | 12.159 | 12.143 | 12.168 | VV | 3541   | 40598   | 0.51%  | 0.040% |
| 172 | 12.180 | 12.168 | 12.206 | VV | 3845   | 50561   | 0.63%  | 0.050% |
| 173 | 12.225 | 12.206 | 12.251 | PV | 1094   | 17631   | 0.22%  | 0.017% |
| 174 | 12.294 | 12.251 | 12.318 | VV | 27832  | 387547  | 4.83%  | 0.379% |
| 175 | 12.345 | 12.318 | 12.372 | VV | 108517 | 1229661 | 15.33% | 1.204% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.382 | 12.372 | 12.431 | VV | 2970   | 53348   | 0.67%  | 0.052% |
| 177 | 12.449 | 12.431 | 12.467 | VV | 1829   | 21686   | 0.27%  | 0.021% |
| 178 | 12.484 | 12.467 | 12.494 | PV | 1214   | 12085   | 0.15%  | 0.012% |
| 179 | 12.539 | 12.494 | 12.588 | VV | 32798  | 438998  | 5.47%  | 0.430% |
| 180 | 12.594 | 12.588 | 12.613 | VV | 2149   | 23734   | 0.30%  | 0.023% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.628 | 12.613 | 12.643 | VV | 1806   | 21815   | 0.27%  | 0.021% |
| 182 | 12.665 | 12.643 | 12.691 | VV | 2662   | 56072   | 0.70%  | 0.055% |
| 183 | 12.705 | 12.691 | 12.741 | VV | 3158   | 55761   | 0.70%  | 0.055% |
| 184 | 12.765 | 12.741 | 12.804 | VV | 2677   | 57772   | 0.72%  | 0.057% |
| 185 | 12.829 | 12.804 | 12.841 | VV | 1301   | 21419   | 0.27%  | 0.021% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.879 | 12.841 | 12.900 | VV | 5750   | 92728   | 1.16%  | 0.091% |
| 187 | 12.933 | 12.900 | 12.967 | VV | 24227  | 341810  | 4.26%  | 0.335% |
| 188 | 12.994 | 12.967 | 13.041 | VV | 47185  | 566095  | 7.06%  | 0.554% |
| 189 | 13.052 | 13.041 | 13.083 | VV | 559    | 11874   | 0.15%  | 0.012% |
| 190 | 13.094 | 13.083 | 13.107 | VV | 687    | 7526    | 0.09%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.123 | 13.107 | 13.137 | VV | 816    | 8262    | 0.10%  | 0.008% |
| 192 | 13.152 | 13.137 | 13.164 | VV | 945    | 10572   | 0.13%  | 0.010% |
| 193 | 13.185 | 13.164 | 13.214 | VV | 3483   | 59672   | 0.74%  | 0.058% |
| 194 | 13.233 | 13.214 | 13.267 | VV | 2318   | 51292   | 0.64%  | 0.050% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 13.293 | 13.267 | 13.318 | PV | 40298  | 465962  | 5.81%   | 0.456% |
| 196 | 13.373 | 13.318 | 13.402 | VV | 385194 | 8019954 | 100.00% | 7.853% |
| 197 | 13.421 | 13.402 | 13.444 | VV | 232716 | 2823904 | 35.21%  | 2.765% |
| 198 | 13.454 | 13.444 | 13.521 | VV | 20883  | 317800  | 3.96%   | 0.311% |
| 199 | 13.557 | 13.521 | 13.577 | VV | 24302  | 450821  | 5.62%   | 0.441% |
| 200 | 13.599 | 13.577 | 13.673 | VV | 47224  | 970567  | 12.10%  | 0.950% |
| 201 | 13.689 | 13.673 | 13.705 | VV | 3111   | 40512   | 0.51%   | 0.040% |
| 202 | 13.719 | 13.705 | 13.734 | VV | 3138   | 38319   | 0.48%   | 0.038% |
| 203 | 13.770 | 13.734 | 13.803 | VV | 5579   | 128181  | 1.60%   | 0.126% |
| 204 | 13.816 | 13.803 | 13.841 | VV | 1914   | 33912   | 0.42%   | 0.033% |
| 205 | 13.888 | 13.841 | 13.914 | VV | 11850  | 210928  | 2.63%   | 0.207% |
| 206 | 13.928 | 13.914 | 13.944 | VV | 1693   | 26271   | 0.33%   | 0.026% |
| 207 | 13.996 | 13.944 | 14.018 | VV | 4600   | 113616  | 1.42%   | 0.111% |
| 208 | 14.031 | 14.018 | 14.044 | VV | 3862   | 46118   | 0.58%   | 0.045% |
| 209 | 14.074 | 14.044 | 14.102 | VV | 3603   | 78489   | 0.98%   | 0.077% |
| 210 | 14.132 | 14.102 | 14.153 | VV | 16348  | 235755  | 2.94%   | 0.231% |
| 211 | 14.161 | 14.153 | 14.186 | VV | 6669   | 94017   | 1.17%   | 0.092% |
| 212 | 14.200 | 14.186 | 14.215 | VV | 3773   | 50147   | 0.63%   | 0.049% |
| 213 | 14.241 | 14.215 | 14.304 | VV | 3912   | 107265  | 1.34%   | 0.105% |
| 214 | 14.430 | 14.304 | 14.454 | PV | 5364   | 231029  | 2.88%   | 0.226% |
| 215 | 14.491 | 14.454 | 14.511 | VV | 2006   | 37773   | 0.47%   | 0.037% |
| 216 | 14.540 | 14.511 | 14.554 | VV | 3830   | 61768   | 0.77%   | 0.060% |
| 217 | 14.584 | 14.554 | 14.598 | VV | 5284   | 98930   | 1.23%   | 0.097% |
| 218 | 14.616 | 14.598 | 14.668 | VV | 6101   | 125301  | 1.56%   | 0.123% |
| 219 | 14.693 | 14.668 | 14.724 | VV | 14038  | 204095  | 2.54%   | 0.200% |
| 220 | 14.750 | 14.724 | 14.774 | VV | 9198   | 146706  | 1.83%   | 0.144% |
| 221 | 14.798 | 14.774 | 14.837 | VV | 4780   | 112899  | 1.41%   | 0.111% |
| 222 | 14.860 | 14.837 | 14.881 | VV | 7277   | 96591   | 1.20%   | 0.095% |
| 223 | 14.918 | 14.881 | 14.964 | VV | 3375   | 101267  | 1.26%   | 0.099% |
| 224 | 14.981 | 14.964 | 15.003 | VV | 2256   | 39444   | 0.49%   | 0.039% |
| 225 | 15.045 | 15.003 | 15.081 | VV | 2185   | 72633   | 0.91%   | 0.071% |
| 226 | 15.089 | 15.081 | 15.108 | VV | 1686   | 22332   | 0.28%   | 0.022% |
| 227 | 15.125 | 15.108 | 15.134 | VV | 2485   | 33310   | 0.42%   | 0.033% |
| 228 | 15.171 | 15.134 | 15.190 | VV | 20114  | 295824  | 3.69%   | 0.290% |
| 229 | 15.212 | 15.190 | 15.262 | VV | 19350  | 410247  | 5.12%   | 0.402% |
| 230 | 15.278 | 15.262 | 15.294 | VV | 2171   | 36532   | 0.46%   | 0.036% |
| 231 | 15.333 | 15.294 | 15.351 | VV | 4548   | 90098   | 1.12%   | 0.088% |
| 232 | 15.369 | 15.351 | 15.402 | VV | 2781   | 59714   | 0.74%   | 0.058% |
| 233 | 15.420 | 15.402 | 15.454 | VV | 1547   | 31869   | 0.40%   | 0.031% |
| 234 | 15.479 | 15.454 | 15.534 | PV | 1992   | 51806   | 0.65%   | 0.051% |
| 235 | 15.543 | 15.534 | 15.570 | VV | 1016   | 13662   | 0.17%   | 0.013% |
| 236 | 15.625 | 15.570 | 15.723 | VV | 12892  | 347551  | 4.33%   | 0.340% |
| 237 | 15.753 | 15.723 | 15.784 | VV | 6668   | 99837   | 1.24%   | 0.098% |
| 238 | 15.810 | 15.784 | 15.828 | PV | 3872   | 59724   | 0.74%   | 0.058% |
| 239 | 15.844 | 15.828 | 15.866 | VV | 3933   | 57190   | 0.71%   | 0.056% |
| 240 | 15.888 | 15.866 | 15.910 | VV | 2078   | 34069   | 0.42%   | 0.033% |
| 241 | 15.932 | 15.910 | 15.940 | PV | 767    | 8594    | 0.11%   | 0.008% |
| 242 | 16.007 | 15.940 | 16.031 | VV | 2765   | 85895   | 1.07%   | 0.084% |
| 243 | 16.045 | 16.031 | 16.051 | VV | 569    | 6719    | 0.08%   | 0.007% |
| 244 | 16.084 | 16.051 | 16.100 | VV | 1297   | 23102   | 0.29%   | 0.023% |
| 245 | 16.171 | 16.100 | 16.190 | PV | 1937   | 59422   | 0.74%   | 0.058% |
| 246 | 16.207 | 16.190 | 16.224 | VV | 1300   | 21634   | 0.27%   | 0.021% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.254 | 16.224 | 16.298 | VV | 7903   | 151570  | 1.89%  | 0.148% |
| 248 | 16.315 | 16.298 | 16.332 | VV | 1704   | 26343   | 0.33%  | 0.026% |
| 249 | 16.452 | 16.332 | 16.507 | VV | 6869   | 290541  | 3.62%  | 0.284% |
| 250 | 16.548 | 16.507 | 16.580 | VV | 3533   | 106701  | 1.33%  | 0.104% |
|     |        |        |        |    |        |         |        |        |
| 251 | 16.644 | 16.580 | 16.681 | VV | 4218   | 136893  | 1.71%  | 0.134% |
| 252 | 16.731 | 16.681 | 16.788 | VV | 19707  | 443549  | 5.53%  | 0.434% |
| 253 | 16.829 | 16.788 | 16.837 | VV | 1715   | 45669   | 0.57%  | 0.045% |
| 254 | 16.860 | 16.837 | 16.880 | VV | 3814   | 63770   | 0.80%  | 0.062% |
| 255 | 16.901 | 16.880 | 16.927 | VV | 2917   | 49859   | 0.62%  | 0.049% |
|     |        |        |        |    |        |         |        |        |
| 256 | 16.951 | 16.927 | 16.988 | VV | 2477   | 40004   | 0.50%  | 0.039% |
| 257 | 17.050 | 16.988 | 17.068 | PV | 10407  | 171374  | 2.14%  | 0.168% |
| 258 | 17.105 | 17.068 | 17.151 | VV | 12585  | 277566  | 3.46%  | 0.272% |
| 259 | 17.207 | 17.151 | 17.246 | PV | 9594   | 234926  | 2.93%  | 0.230% |
| 260 | 17.257 | 17.246 | 17.298 | VV | 4722   | 109436  | 1.36%  | 0.107% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.305 | 17.298 | 17.324 | VV | 2557   | 25045   | 0.31%  | 0.025% |
| 262 | 17.365 | 17.324 | 17.373 | VV | 2189   | 42123   | 0.53%  | 0.041% |
| 263 | 17.451 | 17.373 | 17.484 | VV | 4806   | 187569  | 2.34%  | 0.184% |
| 264 | 17.492 | 17.484 | 17.501 | VV | 2566   | 23458   | 0.29%  | 0.023% |
| 265 | 17.529 | 17.501 | 17.568 | VV | 3331   | 100064  | 1.25%  | 0.098% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.599 | 17.568 | 17.607 | VV | 4852   | 80091   | 1.00%  | 0.078% |
| 267 | 17.654 | 17.607 | 17.681 | VV | 9599   | 258588  | 3.22%  | 0.253% |
| 268 | 17.695 | 17.681 | 17.714 | VV | 4838   | 69799   | 0.87%  | 0.068% |
| 269 | 17.728 | 17.714 | 17.746 | VV | 5276   | 64851   | 0.81%  | 0.063% |
| 270 | 17.772 | 17.746 | 17.803 | VV | 5948   | 118508  | 1.48%  | 0.116% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.830 | 17.803 | 17.849 | VV | 4925   | 77928   | 0.97%  | 0.076% |
| 272 | 17.863 | 17.849 | 17.882 | VV | 2623   | 39137   | 0.49%  | 0.038% |
| 273 | 17.894 | 17.882 | 17.904 | VV | 1563   | 16039   | 0.20%  | 0.016% |
| 274 | 17.929 | 17.904 | 17.959 | VV | 2150   | 50075   | 0.62%  | 0.049% |
| 275 | 17.995 | 17.959 | 18.018 | VV | 4504   | 90945   | 1.13%  | 0.089% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.093 | 18.018 | 18.124 | VV | 12718  | 363992  | 4.54%  | 0.356% |
| 277 | 18.145 | 18.124 | 18.161 | VV | 4740   | 62657   | 0.78%  | 0.061% |
| 278 | 18.180 | 18.161 | 18.201 | VV | 7553   | 119629  | 1.49%  | 0.117% |
| 279 | 18.241 | 18.201 | 18.316 | VV | 15355  | 537459  | 6.70%  | 0.526% |
| 280 | 18.341 | 18.316 | 18.365 | VV | 5343   | 105294  | 1.31%  | 0.103% |
|     |        |        |        |    |        |         |        |        |
| 281 | 18.478 | 18.365 | 18.496 | VV | 28592  | 770462  | 9.61%  | 0.754% |
| 282 | 18.515 | 18.496 | 18.557 | VV | 31612  | 592103  | 7.38%  | 0.580% |
| 283 | 18.608 | 18.557 | 18.664 | VV | 18585  | 673907  | 8.40%  | 0.660% |
| 284 | 18.677 | 18.664 | 18.701 | VV | 10136  | 190639  | 2.38%  | 0.187% |
| 285 | 18.732 | 18.701 | 18.792 | VV | 26684  | 704046  | 8.78%  | 0.689% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.816 | 18.792 | 18.860 | VV | 12024  | 400329  | 4.99%  | 0.392% |
| 287 | 18.871 | 18.860 | 18.878 | VV | 10139  | 103929  | 1.30%  | 0.102% |
| 288 | 18.921 | 18.878 | 18.964 | VV | 19596  | 656973  | 8.19%  | 0.643% |
| 289 | 18.987 | 18.964 | 19.004 | VV | 12177  | 267142  | 3.33%  | 0.262% |
| 290 | 19.029 | 19.004 | 19.060 | VV | 21387  | 507546  | 6.33%  | 0.497% |
|     |        |        |        |    |        |         |        |        |
| 291 | 19.081 | 19.060 | 19.105 | VV | 18440  | 419221  | 5.23%  | 0.410% |
| 292 | 19.113 | 19.105 | 19.123 | VV | 12944  | 140341  | 1.75%  | 0.137% |
| 293 | 19.129 | 19.123 | 19.137 | VV | 13082  | 104709  | 1.31%  | 0.103% |
| 294 | 19.212 | 19.137 | 19.227 | VV | 17152  | 815211  | 10.16% | 0.798% |
| 295 | 19.249 | 19.227 | 19.264 | VV | 18185  | 360839  | 4.50%  | 0.353% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.325 | 19.264 | 19.354 | VV | 25418  | 1117721 | 13.94% | 1.094% |
| 297 | 19.361 | 19.354 | 19.388 | VV | 21660  | 383234  | 4.78%  | 0.375% |
| 298 | 19.453 | 19.388 | 19.477 | VV | 23028  | 1046320 | 13.05% | 1.025% |
| 299 | 19.519 | 19.477 | 19.531 | VV | 21909  | 640825  | 7.99%  | 0.627% |

| rteres                  |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 300                     | 19.544 | 19.531 | 19.553 | VV | 23127     | 292113  | 3.64%  | 0.286% |
| 301                     | 19.574 | 19.553 | 19.583 | VV | 24265     | 384234  | 4.79%  | 0.376% |
| 302                     | 19.598 | 19.583 | 19.613 | VV | 24900     | 400010  | 4.99%  | 0.392% |
| 303                     | 19.650 | 19.613 | 19.678 | VV | 23757     | 851120  | 10.61% | 0.833% |
| 304                     | 19.708 | 19.678 | 19.724 | VV | 27500     | 667804  | 8.33%  | 0.654% |
| 305                     | 19.749 | 19.724 | 19.774 | VV | 30633     | 797372  | 9.94%  | 0.781% |
| 306                     | 19.819 | 19.774 | 19.851 | VV | 31598     | 1223667 | 15.26% | 1.198% |
| 307                     | 19.973 | 19.851 | 19.985 | VV | 31768     | 2301973 | 28.70% | 2.254% |
| 308                     | 20.062 | 19.985 | 20.070 | VV | 38597     | 1676049 | 20.90% | 1.641% |
| 309                     | 20.092 | 20.070 | 20.107 | VV | 39852     | 841183  | 10.49% | 0.824% |
| 310                     | 20.133 | 20.107 | 20.151 | VV | 37935     | 932268  | 11.62% | 0.913% |
| 311                     | 20.326 | 20.151 | 20.338 | VV | 45016     | 4451783 | 55.51% | 4.359% |
| 312                     | 20.361 | 20.338 | 20.380 | VV | 47135     | 1128636 | 14.07% | 1.105% |
| 313                     | 20.452 | 20.380 | 20.474 | VV | 49305     | 2489972 | 31.05% | 2.438% |
| 314                     | 20.516 | 20.474 | 20.523 | VV | 52105     | 1347072 | 16.80% | 1.319% |
| 315                     | 20.539 | 20.523 | 20.552 | VV | 53782     | 875513  | 10.92% | 0.857% |
| 316                     | 20.611 | 20.552 | 20.634 | VV | 57128     | 2617306 | 32.63% | 2.563% |
| 317                     | 20.664 | 20.634 | 20.715 | VV | 59229     | 2615691 | 32.61% | 2.561% |
| 318                     | 20.725 | 20.715 | 20.744 | VV | 52677     | 883820  | 11.02% | 0.865% |
| 319                     | 20.809 | 20.744 | 20.842 | VV | 58619     | 3158877 | 39.39% | 3.093% |
| 320                     | 20.854 | 20.842 | 20.891 | VV | 53930     | 1495459 | 18.65% | 1.464% |
| 321                     | 20.948 | 20.891 | 20.964 | VV | 53181     | 2202484 | 27.46% | 2.157% |
| 322                     | 20.987 | 20.964 | 21.034 | VV | 49460     | 2025856 | 25.26% | 1.984% |
| 323                     | 21.055 | 21.034 | 21.110 | VV | 49418     | 2111865 | 26.33% | 2.068% |
| 324                     | 21.128 | 21.110 | 21.138 | VV | 44643     | 734084  | 9.15%  | 0.719% |
| 325                     | 21.154 | 21.138 | 21.165 | VV | 44148     | 701540  | 8.75%  | 0.687% |
| 326                     | 21.189 | 21.165 | 21.215 | VV | 45679     | 1301831 | 16.23% | 1.275% |
| 327                     | 21.227 | 21.215 | 21.355 | VV | 41239     | 3017217 | 37.62% | 2.954% |
| 328                     | 21.398 | 21.355 | 21.418 | VV | 37776     | 1302348 | 16.24% | 1.275% |
| 329                     | 21.428 | 21.418 | 21.544 | VV | 36061     | 2284386 | 28.48% | 2.237% |
| 330                     | 21.559 | 21.544 | 21.565 | VV | 25477     | 310577  | 3.87%  | 0.304% |
| 331                     | 21.613 | 21.565 | 21.674 | VV | 26301     | 1493683 | 18.62% | 1.463% |
| 332                     | 21.688 | 21.674 | 21.707 | VV | 21044     | 392648  | 4.90%  | 0.384% |
| 333                     | 21.737 | 21.707 | 21.761 | VV | 22472     | 675521  | 8.42%  | 0.661% |
| 334                     | 21.774 | 21.761 | 21.812 | VV | 21105     | 567202  | 7.07%  | 0.555% |
| 335                     | 21.821 | 21.812 | 21.836 | VV | 16294     | 206010  | 2.57%  | 0.202% |
| 336                     | 21.848 | 21.836 | 21.894 | VV | 13235     | 401198  | 5.00%  | 0.393% |
| 337                     | 21.909 | 21.894 | 21.923 | VV | 12043     | 181758  | 2.27%  | 0.178% |
| 338                     | 21.933 | 21.923 | 21.970 | VV | 13305     | 287897  | 3.59%  | 0.282% |
| 339                     | 22.002 | 21.970 | 22.018 | VV | 11066     | 273149  | 3.41%  | 0.267% |
| 340                     | 22.029 | 22.018 | 22.071 | VV | 7367      | 175032  | 2.18%  | 0.171% |
| 341                     | 22.121 | 22.071 | 22.184 | VV | 4810      | 188742  | 2.35%  | 0.185% |
| Sum of corrected areas: |        |        |        |    | 102128742 |         |        |        |

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