

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052223AL\  
 Data File : FE042134.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 May 2023 07:59  
 Sample : 02847-02RE  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.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         | 3.342       | 3.304        | 3.418      | BV       | 309            | 3875         | 0.01%          | 0.003%        |
| 2         | 3.428       | 3.418        | 3.437      | PV       | -37            | -824         | -0.00%         | -0.001%       |
| 3         | 3.455       | 3.437        | 3.470      | PV       | 65             | -211         | -0.00%         | -0.000%       |
| 4         | 3.485       | 3.470        | 3.503      | PV       | 111            | 696          | 0.00%          | 0.001%        |
| 5         | 3.517       | 3.503        | 3.541      | PV       | 83             | -247         | -0.00%         | -0.000%       |
| 6         | 3.564       | 3.541        | 3.614      | PV       | 83             | -996         | -0.00%         | -0.001%       |
| 7         | 3.624       | 3.614        | 3.638      | PV       | 62             | -169         | -0.00%         | -0.000%       |
| 8         | 3.656       | 3.638        | 3.679      | PV       | 273            | 2237         | 0.01%          | 0.002%        |
| 9         | 3.694       | 3.679        | 3.711      | PV       | 74             | 518          | 0.00%          | 0.000%        |
| 10        | 3.731       | 3.711        | 3.748      | PV       | 270            | 2679         | 0.01%          | 0.002%        |
| 11        | 3.759       | 3.748        | 3.774      | VV       | 139            | 1233         | 0.00%          | 0.001%        |
| 12        | 3.786       | 3.774        | 3.798      | VV       | 242            | 2554         | 0.01%          | 0.002%        |
| 13        | 3.812       | 3.798        | 3.834      | VV       | 864            | 9344         | 0.03%          | 0.007%        |
| 14        | 3.845       | 3.834        | 3.853      | VV       | 121            | 666          | 0.00%          | 0.001%        |
| 15        | 3.870       | 3.853        | 3.901      | VV       | 155            | 2747         | 0.01%          | 0.002%        |
| 16        | 3.925       | 3.901        | 3.963      | VV       | 962            | 13208        | 0.05%          | 0.010%        |
| 17        | 3.976       | 3.963        | 4.001      | PV       | 192            | 1806         | 0.01%          | 0.001%        |
| 18        | 4.023       | 4.001        | 4.044      | PV       | 433            | 6324         | 0.02%          | 0.005%        |
| 19        | 4.058       | 4.044        | 4.086      | VV       | 305            | 3559         | 0.01%          | 0.003%        |
| 20        | 4.131       | 4.086        | 4.147      | PV       | 636            | 7030         | 0.02%          | 0.005%        |
| 21        | 4.171       | 4.147        | 4.192      | VV       | 615            | 10365        | 0.04%          | 0.008%        |
| 22        | 4.220       | 4.192        | 4.263      | VV       | 376            | 10855        | 0.04%          | 0.008%        |
| 23        | 4.315       | 4.263        | 4.346      | PV       | 1329           | 24992        | 0.09%          | 0.019%        |
| 24        | 4.360       | 4.346        | 4.398      | VV       | 664            | 13228        | 0.05%          | 0.010%        |
| 25        | 4.406       | 4.398        | 4.445      | VV       | 243            | 4978         | 0.02%          | 0.004%        |
| 26        | 4.486       | 4.445        | 4.510      | VV       | 551            | 10195        | 0.04%          | 0.008%        |
| 27        | 4.532       | 4.510        | 4.560      | VV       | 605            | 9220         | 0.03%          | 0.007%        |
| 28        | 4.591       | 4.560        | 4.612      | VV       | 1392           | 18144        | 0.06%          | 0.014%        |
| 29        | 4.630       | 4.612        | 4.651      | VV       | 994            | 11044        | 0.04%          | 0.008%        |
| 30        | 4.667       | 4.651        | 4.684      | VV       | 766            | 8165         | 0.03%          | 0.006%        |
| 31        | 4.701       | 4.684        | 4.729      | VV       | 299            | 4291         | 0.01%          | 0.003%        |
| 32        | 4.749       | 4.729        | 4.791      | PV       | 511            | 11145        | 0.04%          | 0.008%        |
| 33        | 4.816       | 4.791        | 4.861      | VV       | 622            | 15708        | 0.05%          | 0.012%        |
| 34        | 4.874       | 4.861        | 4.888      | VV       | 607            | 6170         | 0.02%          | 0.005%        |
| 35        | 4.899       | 4.888        | 4.914      | VV       | 490            | 5830         | 0.02%          | 0.004%        |
| 36        | 4.935       | 4.914        | 4.945      | VV       | 629            | 8949         | 0.03%          | 0.007%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.956 | 4.945 | 4.969 | VV | 782    | 8694   | 0.03% | 0.007% |
| 38 | 4.978 | 4.969 | 4.988 | VV | 581    | 5636   | 0.02% | 0.004% |
| 39 | 5.007 | 4.988 | 5.023 | VV | 1495   | 19916  | 0.07% | 0.015% |
| 40 | 5.049 | 5.023 | 5.071 | VV | 1084   | 22227  | 0.08% | 0.017% |
| 41 | 5.100 | 5.071 | 5.147 | VV | 2361   | 45090  | 0.16% | 0.034% |
| 42 | 5.171 | 5.147 | 5.192 | VV | 1194   | 16088  | 0.06% | 0.012% |
| 43 | 5.206 | 5.192 | 5.221 | VV | 411    | 5280   | 0.02% | 0.004% |
| 44 | 5.246 | 5.221 | 5.253 | VV | 368    | 5571   | 0.02% | 0.004% |
| 45 | 5.296 | 5.253 | 5.326 | VV | 1679   | 37557  | 0.13% | 0.028% |
| 46 | 5.346 | 5.326 | 5.360 | VV | 1278   | 15784  | 0.05% | 0.012% |
| 47 | 5.376 | 5.360 | 5.393 | VV | 1996   | 23341  | 0.08% | 0.018% |
| 48 | 5.410 | 5.393 | 5.450 | VV | 1174   | 23540  | 0.08% | 0.018% |
| 49 | 5.467 | 5.450 | 5.487 | VV | 419    | 7180   | 0.02% | 0.005% |
| 50 | 5.508 | 5.487 | 5.518 | VV | 853    | 11324  | 0.04% | 0.009% |
| 51 | 5.532 | 5.518 | 5.554 | VV | 1461   | 20788  | 0.07% | 0.016% |
| 52 | 5.577 | 5.554 | 5.592 | VV | 1749   | 26752  | 0.09% | 0.020% |
| 53 | 5.606 | 5.592 | 5.623 | VV | 2122   | 25771  | 0.09% | 0.019% |
| 54 | 5.631 | 5.623 | 5.648 | VV | 868    | 11572  | 0.04% | 0.009% |
| 55 | 5.669 | 5.648 | 5.687 | VV | 1306   | 20574  | 0.07% | 0.016% |
| 56 | 5.699 | 5.687 | 5.707 | VV | 719    | 7166   | 0.02% | 0.005% |
| 57 | 5.740 | 5.707 | 5.776 | VV | 4599   | 99889  | 0.35% | 0.075% |
| 58 | 5.796 | 5.776 | 5.834 | VV | 1062   | 25157  | 0.09% | 0.019% |
| 59 | 5.852 | 5.834 | 5.871 | VV | 759    | 14175  | 0.05% | 0.011% |
| 60 | 5.913 | 5.871 | 5.941 | VV | 3577   | 61997  | 0.21% | 0.047% |
| 61 | 5.953 | 5.941 | 5.981 | VV | 1300   | 23043  | 0.08% | 0.017% |
| 62 | 6.019 | 5.981 | 6.065 | VV | 3525   | 96293  | 0.33% | 0.073% |
| 63 | 6.075 | 6.065 | 6.095 | VV | 1506   | 21730  | 0.08% | 0.016% |
| 64 | 6.116 | 6.095 | 6.175 | VV | 4205   | 90075  | 0.31% | 0.068% |
| 65 | 6.205 | 6.175 | 6.225 | VV | 2437   | 47162  | 0.16% | 0.036% |
| 66 | 6.259 | 6.225 | 6.281 | VV | 2532   | 61196  | 0.21% | 0.046% |
| 67 | 6.298 | 6.281 | 6.320 | VV | 3475   | 52103  | 0.18% | 0.039% |
| 68 | 6.341 | 6.320 | 6.376 | VV | 2621   | 63389  | 0.22% | 0.048% |
| 69 | 6.399 | 6.376 | 6.418 | VV | 1866   | 35274  | 0.12% | 0.027% |
| 70 | 6.443 | 6.418 | 6.460 | VV | 3294   | 57696  | 0.20% | 0.043% |
| 71 | 6.486 | 6.460 | 6.513 | VV | 3115   | 77909  | 0.27% | 0.059% |
| 72 | 6.530 | 6.513 | 6.560 | VV | 3084   | 62446  | 0.22% | 0.047% |
| 73 | 6.582 | 6.560 | 6.612 | VV | 3093   | 68079  | 0.24% | 0.051% |
| 74 | 6.684 | 6.612 | 6.718 | VV | 5015   | 145208 | 0.50% | 0.109% |
| 75 | 6.729 | 6.718 | 6.740 | VV | 2024   | 24786  | 0.09% | 0.019% |
| 76 | 6.760 | 6.740 | 6.824 | VV | 4767   | 120768 | 0.42% | 0.091% |
| 77 | 6.846 | 6.824 | 6.858 | VV | 2338   | 37837  | 0.13% | 0.029% |
| 78 | 6.876 | 6.858 | 6.895 | VV | 2710   | 51818  | 0.18% | 0.039% |
| 79 | 6.912 | 6.895 | 6.940 | VV | 3246   | 69321  | 0.24% | 0.052% |
| 80 | 6.957 | 6.940 | 6.977 | VV | 3254   | 56445  | 0.20% | 0.043% |
| 81 | 6.988 | 6.977 | 6.995 | VV | 1985   | 20116  | 0.07% | 0.015% |
| 82 | 7.041 | 6.995 | 7.062 | VV | 4621   | 111960 | 0.39% | 0.084% |
| 83 | 7.101 | 7.062 | 7.134 | VV | 2558   | 88737  | 0.31% | 0.067% |
| 84 | 7.166 | 7.134 | 7.219 | VV | 9541   | 185485 | 0.64% | 0.140% |
| 85 | 7.240 | 7.219 | 7.256 | VV | 3823   | 64651  | 0.22% | 0.049% |
| 86 | 7.290 | 7.256 | 7.311 | VV | 4443   | 109173 | 0.38% | 0.082% |
| 87 | 7.332 | 7.311 | 7.361 | VV | 5310   | 100896 | 0.35% | 0.076% |
| 88 | 7.398 | 7.361 | 7.428 | VV | 7326   | 170093 | 0.59% | 0.128% |
| 89 | 7.440 | 7.428 | 7.458 | VV | 3270   | 50358  | 0.17% | 0.038% |

|     |       |       |        |    |        |        |       |        |
|-----|-------|-------|--------|----|--------|--------|-------|--------|
|     |       |       |        |    | rteres |        |       |        |
| 90  | 7.480 | 7.458 | 7.517  | VV | 5628   | 134425 | 0.46% | 0.101% |
| 91  | 7.538 | 7.517 | 7.562  | VV | 4076   | 90594  | 0.31% | 0.068% |
| 92  | 7.581 | 7.562 | 7.598  | VV | 3310   | 62214  | 0.22% | 0.047% |
| 93  | 7.609 | 7.598 | 7.628  | VV | 2991   | 48450  | 0.17% | 0.037% |
| 94  | 7.683 | 7.628 | 7.694  | VV | 10305  | 188119 | 0.65% | 0.142% |
| 95  | 7.706 | 7.694 | 7.730  | VV | 10910  | 152834 | 0.53% | 0.115% |
| 96  | 7.745 | 7.730 | 7.765  | VV | 4737   | 85577  | 0.30% | 0.064% |
| 97  | 7.776 | 7.765 | 7.816  | VV | 4067   | 105865 | 0.37% | 0.080% |
| 98  | 7.834 | 7.816 | 7.846  | VV | 2774   | 48047  | 0.17% | 0.036% |
| 99  | 7.881 | 7.846 | 7.919  | VV | 7375   | 204083 | 0.71% | 0.154% |
| 100 | 7.936 | 7.919 | 7.957  | VV | 4569   | 79842  | 0.28% | 0.060% |
| 101 | 7.978 | 7.957 | 7.988  | VV | 3651   | 58936  | 0.20% | 0.044% |
| 102 | 8.080 | 8.065 | 8.107  | VV | 5377   | 125114 | 0.43% | 0.094% |
| 103 | 8.139 | 8.107 | 8.158  | VV | 6328   | 154692 | 0.53% | 0.117% |
| 104 | 8.186 | 8.158 | 8.204  | VV | 5569   | 138639 | 0.48% | 0.104% |
| 105 | 8.230 | 8.204 | 8.253  | VV | 5789   | 133804 | 0.46% | 0.101% |
| 106 | 8.280 | 8.253 | 8.297  | VV | 6446   | 130597 | 0.45% | 0.098% |
| 107 | 8.317 | 8.297 | 8.329  | VV | 9058   | 130927 | 0.45% | 0.099% |
| 108 | 8.339 | 8.329 | 8.364  | VV | 8392   | 130198 | 0.45% | 0.098% |
| 109 | 8.406 | 8.364 | 8.441  | VV | 8712   | 252962 | 0.87% | 0.191% |
| 110 | 8.463 | 8.441 | 8.477  | VV | 4895   | 98669  | 0.34% | 0.074% |
| 111 | 8.514 | 8.477 | 8.528  | VV | 7773   | 201505 | 0.70% | 0.152% |
| 112 | 8.537 | 8.528 | 8.550  | VV | 7273   | 88556  | 0.31% | 0.067% |
| 113 | 8.587 | 8.550 | 8.615  | VV | 20780  | 415893 | 1.44% | 0.313% |
| 114 | 8.628 | 8.615 | 8.648  | VV | 6792   | 119616 | 0.41% | 0.090% |
| 115 | 8.694 | 8.648 | 8.718  | VV | 9002   | 274375 | 0.95% | 0.207% |
| 116 | 8.750 | 8.718 | 8.764  | VV | 8111   | 175135 | 0.61% | 0.132% |
| 117 | 8.775 | 8.764 | 8.791  | VV | 7837   | 110043 | 0.38% | 0.083% |
| 118 | 8.810 | 8.791 | 8.849  | VV | 9592   | 237634 | 0.82% | 0.179% |
| 119 | 8.961 | 8.935 | 8.974  | VV | 8626   | 190572 | 0.66% | 0.144% |
| 120 | 8.991 | 8.974 | 9.018  | VH | 8617   | 218504 | 0.76% | 0.165% |
| 121 | 9.039 | 9.018 | 9.061  | HH | 9642   | 224466 | 0.78% | 0.169% |
| 122 | 9.081 | 9.061 | 9.098  | HH | 8583   | 173793 | 0.60% | 0.131% |
| 123 | 9.125 | 9.098 | 9.151  | HH | 14833  | 315692 | 1.09% | 0.238% |
| 124 | 9.181 | 9.151 | 9.220  | HH | 8735   | 301280 | 1.04% | 0.227% |
| 125 | 9.238 | 9.220 | 9.258  | HH | 8292   | 172328 | 0.60% | 0.130% |
| 126 | 9.274 | 9.258 | 9.294  | HH | 8411   | 164172 | 0.57% | 0.124% |
| 127 | 9.312 | 9.294 | 9.322  | HH | 6865   | 110684 | 0.38% | 0.083% |
| 128 | 9.357 | 9.322 | 9.377  | HH | 8562   | 251335 | 0.87% | 0.189% |
| 129 | 9.413 | 9.377 | 9.438  | HH | 37999  | 600607 | 2.08% | 0.453% |
| 130 | 9.447 | 9.438 | 9.480  | HH | 9117   | 201901 | 0.70% | 0.152% |
| 131 | 9.502 | 9.480 | 9.527  | HH | 8652   | 212766 | 0.74% | 0.160% |
| 132 | 9.561 | 9.527 | 9.582  | HH | 8778   | 248043 | 0.86% | 0.187% |
| 133 | 9.616 | 9.582 | 9.629  | HH | 8103   | 206974 | 0.72% | 0.156% |
| 134 | 9.645 | 9.629 | 9.664  | HH | 9619   | 174368 | 0.60% | 0.131% |
| 135 | 9.699 | 9.664 | 9.728  | HH | 9784   | 306395 | 1.06% | 0.231% |
| 136 | 9.745 | 9.728 | 9.763  | HH | 8906   | 172578 | 0.60% | 0.130% |
| 137 | 9.789 | 9.763 | 9.821  | HH | 14548  | 381588 | 1.32% | 0.288% |
| 138 | 9.834 | 9.821 | 9.844  | HH | 9334   | 119304 | 0.41% | 0.090% |
| 139 | 9.873 | 9.844 | 9.898  | HH | 12008  | 332415 | 1.15% | 0.251% |
| 140 | 9.921 | 9.898 | 9.941  | HH | 11903  | 259000 | 0.90% | 0.195% |
| 141 | 9.973 | 9.941 | 10.001 | HH | 11592  | 342497 | 1.18% | 0.258% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.023 | 10.001 | 10.037 | HH | 8311   | 174780  | 0.60%  | 0.132% |
| 143 | 10.062 | 10.037 | 10.091 | HH | 17514  | 358560  | 1.24%  | 0.270% |
| 144 | 10.109 | 10.091 | 10.122 | HH | 9460   | 166366  | 0.57%  | 0.125% |
| 145 | 10.149 | 10.122 | 10.170 | HH | 12244  | 306701  | 1.06%  | 0.231% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.194 | 10.170 | 10.245 | HH | 49581  | 836235  | 2.89%  | 0.630% |
| 147 | 10.275 | 10.245 | 10.288 | HH | 9215   | 225454  | 0.78%  | 0.170% |
| 148 | 10.298 | 10.288 | 10.339 | HH | 9302   | 250184  | 0.86%  | 0.189% |
| 149 | 10.369 | 10.339 | 10.417 | HH | 9682   | 379174  | 1.31%  | 0.286% |
| 150 | 10.443 | 10.417 | 10.454 | HH | 8231   | 177105  | 0.61%  | 0.133% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.470 | 10.454 | 10.489 | HH | 9156   | 176846  | 0.61%  | 0.133% |
| 152 | 10.540 | 10.489 | 10.556 | HH | 11933  | 387965  | 1.34%  | 0.292% |
| 153 | 10.583 | 10.556 | 10.611 | HH | 24023  | 499808  | 1.73%  | 0.377% |
| 154 | 10.634 | 10.611 | 10.652 | HH | 12566  | 265296  | 0.92%  | 0.200% |
| 155 | 10.670 | 10.652 | 10.693 | HH | 13796  | 276491  | 0.96%  | 0.208% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.727 | 10.693 | 10.758 | HH | 13494  | 403389  | 1.39%  | 0.304% |
| 157 | 10.779 | 10.758 | 10.795 | HH | 9294   | 192119  | 0.66%  | 0.145% |
| 158 | 10.839 | 10.795 | 10.894 | HH | 10871  | 565416  | 1.95%  | 0.426% |
| 159 | 10.933 | 10.894 | 10.967 | HH | 53611  | 924258  | 3.19%  | 0.697% |
| 160 | 11.005 | 10.967 | 11.034 | HH | 24029  | 626495  | 2.17%  | 0.472% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.052 | 11.034 | 11.085 | HH | 10750  | 296600  | 1.03%  | 0.224% |
| 162 | 11.149 | 11.085 | 11.163 | HH | 9473   | 416468  | 1.44%  | 0.314% |
| 163 | 11.188 | 11.163 | 11.231 | HH | 21535  | 513166  | 1.77%  | 0.387% |
| 164 | 11.263 | 11.231 | 11.292 | HH | 16411  | 452704  | 1.56%  | 0.341% |
| 165 | 11.326 | 11.292 | 11.367 | HH | 14078  | 513247  | 1.77%  | 0.387% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.388 | 11.367 | 11.422 | HH | 12398  | 331705  | 1.15%  | 0.250% |
| 167 | 11.440 | 11.422 | 11.463 | HH | 11987  | 248002  | 0.86%  | 0.187% |
| 168 | 11.492 | 11.463 | 11.518 | HH | 10233  | 308598  | 1.07%  | 0.233% |
| 169 | 11.551 | 11.518 | 11.565 | HH | 9746   | 259458  | 0.90%  | 0.196% |
| 170 | 11.582 | 11.565 | 11.606 | HH | 10114  | 236953  | 0.82%  | 0.179% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.637 | 11.606 | 11.664 | HH | 48633  | 790689  | 2.73%  | 0.596% |
| 172 | 11.681 | 11.664 | 11.694 | HH | 10758  | 185959  | 0.64%  | 0.140% |
| 173 | 11.726 | 11.694 | 11.771 | HH | 22391  | 645765  | 2.23%  | 0.487% |
| 174 | 11.792 | 11.771 | 11.811 | HH | 9833   | 220196  | 0.76%  | 0.166% |
| 175 | 11.837 | 11.811 | 11.860 | HH | 10040  | 268445  | 0.93%  | 0.202% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.883 | 11.860 | 11.896 | HH | 9680   | 199298  | 0.69%  | 0.150% |
| 177 | 11.958 | 11.896 | 12.008 | HH | 517971 | 6231175 | 21.53% | 4.696% |
| 178 | 12.027 | 12.008 | 12.054 | HH | 15983  | 351567  | 1.22%  | 0.265% |
| 179 | 12.072 | 12.054 | 12.094 | HH | 12230  | 274332  | 0.95%  | 0.207% |
| 180 | 12.111 | 12.094 | 12.130 | HH | 13600  | 269282  | 0.93%  | 0.203% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.140 | 12.130 | 12.156 | HH | 12559  | 178070  | 0.62%  | 0.134% |
| 182 | 12.194 | 12.156 | 12.222 | HH | 12630  | 434271  | 1.50%  | 0.327% |
| 183 | 12.244 | 12.222 | 12.259 | HH | 9518   | 206127  | 0.71%  | 0.155% |
| 184 | 12.307 | 12.259 | 12.330 | HH | 42609  | 843557  | 2.92%  | 0.636% |
| 185 | 12.360 | 12.330 | 12.443 | HH | 376109 | 4933297 | 17.05% | 3.718% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.463 | 12.443 | 12.482 | HH | 10588  | 218452  | 0.75%  | 0.165% |
| 187 | 12.521 | 12.482 | 12.537 | HH | 10741  | 320053  | 1.11%  | 0.241% |
| 188 | 12.552 | 12.537 | 12.566 | HH | 12429  | 188129  | 0.65%  | 0.142% |
| 189 | 12.588 | 12.566 | 12.617 | HH | 11960  | 331271  | 1.14%  | 0.250% |
| 190 | 12.638 | 12.617 | 12.661 | HH | 17978  | 350926  | 1.21%  | 0.264% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.716 | 12.661 | 12.754 | HH | 12837  | 601272  | 2.08%  | 0.453% |
| 192 | 12.791 | 12.754 | 12.815 | HH | 16442  | 447427  | 1.55%  | 0.337% |
| 193 | 12.831 | 12.815 | 12.853 | HH | 10675  | 227346  | 0.79%  | 0.171% |
| 194 | 12.891 | 12.853 | 12.912 | HH | 13836  | 392156  | 1.36%  | 0.296% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 12.946 | 12.912 | 12.973 | HH | 38814   | 714908   | 2.47%   | 0.539%  |
| 196 | 13.007 | 12.973 | 13.080 | HH | 43900   | 1023915  | 3.54%   | 0.772%  |
| 197 | 13.099 | 13.080 | 13.124 | HH | 9210    | 238039   | 0.82%   | 0.179%  |
| 198 | 13.138 | 13.124 | 13.152 | HH | 9071    | 146501   | 0.51%   | 0.110%  |
| 199 | 13.167 | 13.152 | 13.177 | HH | 9167    | 133305   | 0.46%   | 0.100%  |
| 200 | 13.199 | 13.177 | 13.260 | HH | 11568   | 492801   | 1.70%   | 0.371%  |
| 201 | 13.270 | 13.260 | 13.280 | HH | 9357    | 108032   | 0.37%   | 0.081%  |
| 202 | 13.306 | 13.280 | 13.338 | HH | 39263   | 655480   | 2.27%   | 0.494%  |
| 203 | 13.394 | 13.338 | 13.423 | HH | 1599387 | 28935164 | 100.00% | 21.807% |
| 204 | 13.442 | 13.423 | 13.521 | HH | 769831  | 10138329 | 35.04%  | 7.641%  |
| 205 | 13.559 | 13.521 | 13.584 | HH | 29860   | 617534   | 2.13%   | 0.465%  |
| 206 | 13.613 | 13.584 | 13.691 | HH | 158748  | 2453895  | 8.48%   | 1.849%  |
| 207 | 13.704 | 13.691 | 13.719 | HH | 9845    | 156125   | 0.54%   | 0.118%  |
| 208 | 13.777 | 13.719 | 13.821 | HH | 13293   | 664978   | 2.30%   | 0.501%  |
| 209 | 13.830 | 13.821 | 13.850 | HH | 9565    | 163620   | 0.57%   | 0.123%  |
| 210 | 13.902 | 13.850 | 13.928 | HH | 17169   | 546939   | 1.89%   | 0.412%  |
| 211 | 13.943 | 13.928 | 13.964 | HH | 10781   | 224306   | 0.78%   | 0.169%  |
| 212 | 14.008 | 13.964 | 14.028 | HH | 12641   | 418040   | 1.44%   | 0.315%  |
| 213 | 14.046 | 14.028 | 14.074 | HH | 13634   | 310953   | 1.07%   | 0.234%  |
| 214 | 14.091 | 14.074 | 14.111 | HH | 10929   | 221091   | 0.76%   | 0.167%  |
| 215 | 14.144 | 14.111 | 14.165 | HH | 25545   | 512772   | 1.77%   | 0.386%  |
| 216 | 14.175 | 14.165 | 14.198 | HH | 14419   | 249790   | 0.86%   | 0.188%  |
| 217 | 14.214 | 14.198 | 14.247 | HH | 12430   | 321771   | 1.11%   | 0.243%  |
| 218 | 14.262 | 14.247 | 14.311 | HH | 10827   | 373089   | 1.29%   | 0.281%  |
| 219 | 14.360 | 14.311 | 14.399 | HH | 12316   | 552565   | 1.91%   | 0.416%  |
| 220 | 14.427 | 14.399 | 14.467 | HH | 13926   | 492033   | 1.70%   | 0.371%  |
| 221 | 14.478 | 14.467 | 14.494 | HH | 10903   | 172644   | 0.60%   | 0.130%  |
| 222 | 14.550 | 14.494 | 14.570 | HH | 13529   | 553784   | 1.91%   | 0.417%  |
| 223 | 14.597 | 14.570 | 14.615 | HH | 17561   | 398706   | 1.38%   | 0.300%  |
| 224 | 14.628 | 14.615 | 14.678 | HH | 15007   | 449854   | 1.55%   | 0.339%  |
| 225 | 14.707 | 14.678 | 14.735 | HH | 25898   | 559447   | 1.93%   | 0.422%  |
| 226 | 14.762 | 14.735 | 14.792 | HH | 28356   | 605925   | 2.09%   | 0.457%  |
| 227 | 14.815 | 14.792 | 14.851 | HH | 14278   | 440068   | 1.52%   | 0.332%  |
| 228 | 14.873 | 14.851 | 14.895 | HH | 16714   | 344587   | 1.19%   | 0.260%  |
| 229 | 14.929 | 14.895 | 14.975 | HH | 12439   | 531897   | 1.84%   | 0.401%  |
| 230 | 14.995 | 14.975 | 15.012 | HV | 10727   | 224014   | 0.77%   | 0.169%  |
| 231 | 15.056 | 15.012 | 15.074 | VV | 11002   | 390870   | 1.35%   | 0.295%  |
| 232 | 15.085 | 15.074 | 15.114 | VV | 10307   | 236340   | 0.82%   | 0.178%  |
| 233 | 15.135 | 15.114 | 15.150 | VV | 9904    | 202972   | 0.70%   | 0.153%  |
| 234 | 15.182 | 15.150 | 15.202 | VV | 22585   | 436187   | 1.51%   | 0.329%  |
| 235 | 15.225 | 15.202 | 15.278 | VV | 24290   | 728355   | 2.52%   | 0.549%  |
| 236 | 15.297 | 15.278 | 15.314 | VV | 9093    | 189414   | 0.65%   | 0.143%  |
| 237 | 15.344 | 15.314 | 15.368 | VV | 11012   | 300122   | 1.04%   | 0.226%  |
| 238 | 15.386 | 15.368 | 15.404 | VV | 8559    | 173095   | 0.60%   | 0.130%  |
| 239 | 15.425 | 15.404 | 15.461 | VV | 7637    | 240154   | 0.83%   | 0.181%  |
| 240 | 15.496 | 15.461 | 15.513 | VV | 7902    | 218062   | 0.75%   | 0.164%  |
| 241 | 15.545 | 15.513 | 15.590 | VV | 7629    | 318305   | 1.10%   | 0.240%  |
| 242 | 15.636 | 15.590 | 15.719 | VV | 20956   | 789760   | 2.73%   | 0.595%  |
| 243 | 15.766 | 15.719 | 15.801 | VV | 11852   | 336658   | 1.16%   | 0.254%  |
| 244 | 15.825 | 15.801 | 15.844 | VV | 15624   | 266849   | 0.92%   | 0.201%  |
| 245 | 15.856 | 15.844 | 15.877 | VV | 8648    | 135544   | 0.47%   | 0.102%  |
| 246 | 15.895 | 15.877 | 15.923 | VV | 5983    | 132996   | 0.46%   | 0.100%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.942 | 15.923 | 15.958 | VV | 4318   | 80247  | 0.28% | 0.060% |
| 248 | 16.019 | 15.958 | 16.054 | VV | 6106   | 261592 | 0.90% | 0.197% |
| 249 | 16.066 | 16.054 | 16.070 | VV | 2944   | 28380  | 0.10% | 0.021% |
| 250 | 16.093 | 16.070 | 16.121 | VV | 3567   | 92261  | 0.32% | 0.070% |
|     |        |        |        |    |        |        |       |        |
| 251 | 16.158 | 16.121 | 16.172 | VV | 3336   | 90337  | 0.31% | 0.068% |
| 252 | 16.184 | 16.172 | 16.203 | VV | 3358   | 56449  | 0.20% | 0.043% |
| 253 | 16.219 | 16.203 | 16.233 | VV | 2898   | 47560  | 0.16% | 0.036% |
| 254 | 16.267 | 16.233 | 16.310 | VV | 7895   | 189379 | 0.65% | 0.143% |
| 255 | 16.327 | 16.310 | 16.360 | VV | 3250   | 67721  | 0.23% | 0.051% |
|     |        |        |        |    |        |        |       |        |
| 256 | 16.368 | 16.360 | 16.413 | VV | 1676   | 37075  | 0.13% | 0.028% |
| 257 | 16.468 | 16.413 | 16.507 | VV | 2400   | 94934  | 0.33% | 0.072% |
| 258 | 16.562 | 16.507 | 16.592 | VV | 2781   | 92628  | 0.32% | 0.070% |
| 259 | 16.621 | 16.592 | 16.631 | VV | 1966   | 38395  | 0.13% | 0.029% |
| 260 | 16.657 | 16.631 | 16.693 | VV | 5307   | 110161 | 0.38% | 0.083% |
|     |        |        |        |    |        |        |       |        |
| 261 | 16.743 | 16.693 | 16.789 | VV | 18935  | 407745 | 1.41% | 0.307% |
| 262 | 16.812 | 16.789 | 16.846 | VV | 4222   | 83597  | 0.29% | 0.063% |
| 263 | 16.871 | 16.846 | 16.895 | VV | 3972   | 70945  | 0.25% | 0.053% |
| 264 | 16.924 | 16.895 | 16.944 | VV | 1873   | 42264  | 0.15% | 0.032% |
| 265 | 16.965 | 16.944 | 16.996 | VV | 1626   | 28296  | 0.10% | 0.021% |
|     |        |        |        |    |        |        |       |        |
| 266 | 17.061 | 16.996 | 17.089 | VV | 10023  | 194349 | 0.67% | 0.146% |
| 267 | 17.119 | 17.089 | 17.158 | VV | 11839  | 174669 | 0.60% | 0.132% |
| 268 | 17.220 | 17.158 | 17.242 | PV | 8102   | 145281 | 0.50% | 0.109% |
| 269 | 17.266 | 17.242 | 17.309 | VV | 3754   | 91536  | 0.32% | 0.069% |
| 270 | 17.361 | 17.309 | 17.407 | VV | 1450   | 50085  | 0.17% | 0.038% |
|     |        |        |        |    |        |        |       |        |
| 271 | 17.434 | 17.407 | 17.445 | VV | 1888   | 28387  | 0.10% | 0.021% |
| 272 | 17.473 | 17.445 | 17.511 | VV | 3184   | 89187  | 0.31% | 0.067% |
| 273 | 17.532 | 17.511 | 17.564 | VV | 3056   | 63313  | 0.22% | 0.048% |
| 274 | 17.615 | 17.564 | 17.628 | VV | 4046   | 88575  | 0.31% | 0.067% |
| 275 | 17.668 | 17.628 | 17.689 | VV | 5801   | 142286 | 0.49% | 0.107% |
|     |        |        |        |    |        |        |       |        |
| 276 | 17.707 | 17.689 | 17.719 | VV | 2574   | 35237  | 0.12% | 0.027% |
| 277 | 17.740 | 17.719 | 17.759 | VV | 2206   | 40105  | 0.14% | 0.030% |
| 278 | 17.785 | 17.759 | 17.808 | VV | 4234   | 66871  | 0.23% | 0.050% |
| 279 | 17.819 | 17.808 | 17.826 | VV | 1432   | 12815  | 0.04% | 0.010% |
| 280 | 17.843 | 17.826 | 17.868 | VV | 2297   | 33043  | 0.11% | 0.025% |
|     |        |        |        |    |        |        |       |        |
| 281 | 17.907 | 17.868 | 17.919 | VV | 864    | 21454  | 0.07% | 0.016% |
| 282 | 17.947 | 17.919 | 17.957 | VV | 924    | 18450  | 0.06% | 0.014% |
| 283 | 18.011 | 17.957 | 18.041 | VV | 2237   | 70821  | 0.24% | 0.053% |
| 284 | 18.106 | 18.041 | 18.134 | VV | 8261   | 211905 | 0.73% | 0.160% |
| 285 | 18.196 | 18.134 | 18.214 | VV | 2407   | 78895  | 0.27% | 0.059% |
|     |        |        |        |    |        |        |       |        |
| 286 | 18.255 | 18.214 | 18.331 | VV | 10115  | 318197 | 1.10% | 0.240% |
| 287 | 18.341 | 18.331 | 18.368 | VV | 2327   | 40567  | 0.14% | 0.031% |
| 288 | 18.402 | 18.368 | 18.415 | VV | 3666   | 72016  | 0.25% | 0.054% |
| 289 | 18.430 | 18.415 | 18.444 | VV | 3434   | 50783  | 0.18% | 0.038% |
| 290 | 18.487 | 18.444 | 18.511 | VV | 19024  | 421281 | 1.46% | 0.318% |
|     |        |        |        |    |        |        |       |        |
| 291 | 18.526 | 18.511 | 18.560 | VV | 10295  | 193018 | 0.67% | 0.145% |
| 292 | 18.581 | 18.560 | 18.597 | VV | 3266   | 65328  | 0.23% | 0.049% |
| 293 | 18.622 | 18.597 | 18.642 | VV | 11485  | 191894 | 0.66% | 0.145% |
| 294 | 18.657 | 18.642 | 18.686 | VV | 6704   | 132904 | 0.46% | 0.100% |
| 295 | 18.698 | 18.686 | 18.717 | VV | 3319   | 55126  | 0.19% | 0.042% |
|     |        |        |        |    |        |        |       |        |
| 296 | 18.743 | 18.717 | 18.804 | VV | 10412  | 269058 | 0.93% | 0.203% |
| 297 | 18.824 | 18.804 | 18.860 | VV | 4113   | 128603 | 0.44% | 0.097% |
| 298 | 18.880 | 18.860 | 18.893 | VV | 4914   | 84922  | 0.29% | 0.064% |
| 299 | 18.932 | 18.893 | 18.972 | VV | 16222  | 376182 | 1.30% | 0.284% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 19.001 | 18.972 | 19.014 | VV | 4669   | 103559  | 0.36% | 0.078% |
| 301 | 19.046 | 19.014 | 19.066 | VV | 11451  | 239501  | 0.83% | 0.181% |
| 302 | 19.095 | 19.066 | 19.149 | VV | 10612  | 355401  | 1.23% | 0.268% |
| 303 | 19.186 | 19.149 | 19.201 | VV | 6929   | 179796  | 0.62% | 0.136% |
| 304 | 19.218 | 19.201 | 19.238 | VV | 7150   | 147898  | 0.51% | 0.111% |
| 305 | 19.262 | 19.238 | 19.274 | VV | 7829   | 154042  | 0.53% | 0.116% |
| 306 | 19.314 | 19.274 | 19.360 | VV | 16552  | 633157  | 2.19% | 0.477% |
| 307 | 19.374 | 19.360 | 19.406 | VV | 10882  | 251727  | 0.87% | 0.190% |
| 308 | 19.442 | 19.406 | 19.481 | VV | 11706  | 398063  | 1.38% | 0.300% |
| 309 | 19.497 | 19.481 | 19.507 | VV | 7738   | 113251  | 0.39% | 0.085% |
| 310 | 19.546 | 19.507 | 19.561 | VV | 8776   | 265931  | 0.92% | 0.200% |
| 311 | 19.571 | 19.561 | 19.584 | VV | 8378   | 109280  | 0.38% | 0.082% |
| 312 | 19.601 | 19.584 | 19.612 | VV | 9082   | 145154  | 0.50% | 0.109% |
| 313 | 19.619 | 19.612 | 19.634 | VV | 8606   | 108829  | 0.38% | 0.082% |
| 314 | 19.650 | 19.634 | 19.666 | VV | 9034   | 161320  | 0.56% | 0.122% |
| 315 | 19.683 | 19.666 | 19.695 | VV | 9096   | 143753  | 0.50% | 0.108% |
| 316 | 19.721 | 19.695 | 19.737 | VV | 13374  | 275337  | 0.95% | 0.208% |
| 317 | 19.754 | 19.737 | 19.794 | VV | 12892  | 375360  | 1.30% | 0.283% |
| 318 | 19.845 | 19.794 | 19.875 | VV | 14856  | 575930  | 1.99% | 0.434% |
| 319 | 19.901 | 19.875 | 19.928 | VV | 14646  | 406114  | 1.40% | 0.306% |
| 320 | 19.942 | 19.928 | 19.951 | VV | 12854  | 172945  | 0.60% | 0.130% |
| 321 | 19.970 | 19.951 | 20.023 | VV | 14700  | 591938  | 2.05% | 0.446% |
| 322 | 20.030 | 20.023 | 20.044 | VV | 13279  | 166982  | 0.58% | 0.126% |
| 323 | 20.091 | 20.044 | 20.128 | VV | 18743  | 798108  | 2.76% | 0.602% |
| 324 | 20.150 | 20.128 | 20.170 | VV | 16146  | 378670  | 1.31% | 0.285% |
| 325 | 20.183 | 20.170 | 20.208 | VV | 14691  | 310233  | 1.07% | 0.234% |
| 326 | 20.281 | 20.208 | 20.307 | VV | 19357  | 976187  | 3.37% | 0.736% |
| 327 | 20.373 | 20.307 | 20.409 | VV | 22795  | 1137914 | 3.93% | 0.858% |
| 328 | 20.426 | 20.409 | 20.441 | VV | 18874  | 336356  | 1.16% | 0.254% |
| 329 | 20.463 | 20.441 | 20.488 | VV | 22167  | 556073  | 1.92% | 0.419% |
| 330 | 20.537 | 20.488 | 20.568 | VV | 21237  | 966282  | 3.34% | 0.728% |
| 331 | 20.626 | 20.568 | 20.656 | VV | 24808  | 1151221 | 3.98% | 0.868% |
| 332 | 20.681 | 20.656 | 20.748 | VV | 23082  | 1186710 | 4.10% | 0.894% |
| 333 | 20.771 | 20.748 | 20.792 | VV | 21481  | 557170  | 1.93% | 0.420% |
| 334 | 20.819 | 20.792 | 20.857 | VV | 24697  | 855047  | 2.96% | 0.644% |
| 335 | 20.874 | 20.857 | 20.902 | VV | 21850  | 547095  | 1.89% | 0.412% |
| 336 | 20.919 | 20.902 | 20.964 | VV | 20858  | 714548  | 2.47% | 0.539% |
| 337 | 20.980 | 20.964 | 21.001 | VV | 20462  | 429936  | 1.49% | 0.324% |
| 338 | 21.011 | 21.001 | 21.027 | VV | 18633  | 274804  | 0.95% | 0.207% |
| 339 | 21.048 | 21.027 | 21.091 | VV | 18447  | 650924  | 2.25% | 0.491% |
| 340 | 21.114 | 21.091 | 21.131 | VV | 17369  | 387035  | 1.34% | 0.292% |
| 341 | 21.148 | 21.131 | 21.170 | VV | 15632  | 347175  | 1.20% | 0.262% |
| 342 | 21.206 | 21.170 | 21.249 | VV | 17324  | 734124  | 2.54% | 0.553% |
| 343 | 21.259 | 21.249 | 21.294 | VV | 13747  | 360098  | 1.24% | 0.271% |
| 344 | 21.313 | 21.294 | 21.350 | VV | 14122  | 424971  | 1.47% | 0.320% |
| 345 | 21.367 | 21.350 | 21.388 | VV | 13018  | 276964  | 0.96% | 0.209% |
| 346 | 21.411 | 21.388 | 21.437 | VV | 12545  | 340857  | 1.18% | 0.257% |
| 347 | 21.448 | 21.437 | 21.458 | VV | 11103  | 131615  | 0.45% | 0.099% |
| 348 | 21.480 | 21.458 | 21.493 | VV | 11256  | 221769  | 0.77% | 0.167% |
| 349 | 21.505 | 21.493 | 21.528 | VV | 11234  | 218739  | 0.76% | 0.165% |
| 350 | 21.534 | 21.528 | 21.555 | VV | 11100  | 174177  | 0.60% | 0.131% |
| 351 | 21.562 | 21.555 | 21.595 | VV | 10598  | 228009  | 0.79% | 0.172% |

|     |        |        |        |    |                         |        |           |        |
|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|
|     |        |        |        |    |                         | rteres |           |        |
| 352 | 21.654 | 21.595 | 21.718 | VV | 11776                   | 718729 | 2.48%     | 0.542% |
| 353 | 21.728 | 21.718 | 21.741 | VV | 7678                    | 101677 | 0.35%     | 0.077% |
| 354 | 21.749 | 21.741 | 21.760 | VV | 8135                    | 86465  | 0.30%     | 0.065% |
| 355 | 21.771 | 21.760 | 21.820 | VV | 7245                    | 225068 | 0.78%     | 0.170% |
| 356 | 21.831 | 21.820 | 21.843 | VV | 5909                    | 73563  | 0.25%     | 0.055% |
| 357 | 21.857 | 21.843 | 21.868 | VV | 6010                    | 77133  | 0.27%     | 0.058% |
| 358 | 21.897 | 21.868 | 21.920 | VV | 5251                    | 150098 | 0.52%     | 0.113% |
| 359 | 21.929 | 21.920 | 21.942 | VV | 4887                    | 58459  | 0.20%     | 0.044% |
| 360 | 21.951 | 21.942 | 21.964 | VV | 4842                    | 51543  | 0.18%     | 0.039% |
| 361 | 22.002 | 21.964 | 22.033 | VV | 4745                    | 144950 | 0.50%     | 0.109% |
| 362 | 22.061 | 22.033 | 22.105 | VV | 3854                    | 112564 | 0.39%     | 0.085% |
| 363 | 22.135 | 22.105 | 22.194 | VV | 4857                    | 168951 | 0.58%     | 0.127% |
| 364 | 22.203 | 22.194 | 22.270 | VV | 2601                    | 55982  | 0.19%     | 0.042% |
|     |        |        |        |    | Sum of corrected areas: |        | 132684596 |        |

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