

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031020AL\  
 Data File : FC046239.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Mar 2020 2:19  
 Sample : L1852-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.542       | 3.515        | 3.652      | VV       | 335            | 7349         | 0.19%          | 0.038%        |
| 2         | 3.675       | 3.652        | 3.689      | PV       | 179            | 1953         | 0.05%          | 0.010%        |
| 3         | 3.698       | 3.689        | 3.717      | VV       | 102            | 1224         | 0.03%          | 0.006%        |
| 4         | 3.724       | 3.717        | 3.776      | VV       | 144            | 2420         | 0.06%          | 0.013%        |
| 5         | 3.815       | 3.776        | 3.830      | PV       | 191            | 3213         | 0.08%          | 0.017%        |
| 6         | 3.849       | 3.830        | 3.897      | VV       | 559            | 7297         | 0.19%          | 0.038%        |
| 7         | 3.913       | 3.897        | 3.932      | VV       | 199            | 2466         | 0.06%          | 0.013%        |
| 8         | 3.986       | 3.932        | 4.019      | VV       | 275            | 6851         | 0.18%          | 0.035%        |
| 9         | 4.029       | 4.019        | 4.079      | VV       | 148            | 2788         | 0.07%          | 0.014%        |
| 10        | 4.093       | 4.079        | 4.108      | PV       | 210            | 1860         | 0.05%          | 0.010%        |
| 11        | 4.142       | 4.108        | 4.156      | VV       | 242            | 3256         | 0.08%          | 0.017%        |
| 12        | 4.210       | 4.156        | 4.227      | VV       | 257            | 4410         | 0.11%          | 0.023%        |
| 13        | 4.239       | 4.227        | 4.255      | VV       | 230            | 2303         | 0.06%          | 0.012%        |
| 14        | 4.271       | 4.255        | 4.287      | VV       | 241            | 3388         | 0.09%          | 0.018%        |
| 15        | 4.306       | 4.287        | 4.335      | VV       | 340            | 6339         | 0.16%          | 0.033%        |
| 16        | 4.360       | 4.335        | 4.369      | VV       | 158            | 2159         | 0.06%          | 0.011%        |
| 17        | 4.389       | 4.369        | 4.415      | VV       | 270            | 4493         | 0.12%          | 0.023%        |
| 18        | 4.427       | 4.415        | 4.444      | VV       | 209            | 2634         | 0.07%          | 0.014%        |
| 19        | 4.458       | 4.444        | 4.486      | VV       | 165            | 2700         | 0.07%          | 0.014%        |
| 20        | 4.537       | 4.486        | 4.578      | VV       | 9023           | 88537        | 2.28%          | 0.458%        |
| 21        | 4.611       | 4.578        | 4.668      | VV       | 1054           | 20295        | 0.52%          | 0.105%        |
| 22        | 4.687       | 4.668        | 4.706      | VV       | 277            | 4106         | 0.11%          | 0.021%        |
| 23        | 4.725       | 4.706        | 4.746      | VV       | 184            | 4515         | 0.12%          | 0.023%        |
| 24        | 4.772       | 4.746        | 4.800      | VV       | 283            | 7101         | 0.18%          | 0.037%        |
| 25        | 4.813       | 4.800        | 4.849      | VV       | 396            | 7656         | 0.20%          | 0.040%        |
| 26        | 4.861       | 4.849        | 4.880      | VV       | 415            | 4743         | 0.12%          | 0.025%        |
| 27        | 4.915       | 4.880        | 4.935      | VV       | 1284           | 17551        | 0.45%          | 0.091%        |
| 28        | 4.943       | 4.935        | 4.949      | VV       | 280            | 1952         | 0.05%          | 0.010%        |
| 29        | 4.957       | 4.949        | 4.972      | VV       | 282            | 2768         | 0.07%          | 0.014%        |
| 30        | 4.994       | 4.972        | 5.072      | VV       | 460            | 12309        | 0.32%          | 0.064%        |
| 31        | 5.096       | 5.072        | 5.125      | VV       | 323            | 4401         | 0.11%          | 0.023%        |
| 32        | 5.161       | 5.125        | 5.179      | VV       | 562            | 8136         | 0.21%          | 0.042%        |
| 33        | 5.203       | 5.179        | 5.218      | VV       | 663            | 10065        | 0.26%          | 0.052%        |
| 34        | 5.238       | 5.218        | 5.272      | VV       | 5101           | 51972        | 1.34%          | 0.269%        |
| 35        | 5.296       | 5.272        | 5.322      | VV       | 2710           | 27948        | 0.72%          | 0.145%        |
| 36        | 5.354       | 5.322        | 5.372      | VV       | 472            | 8301         | 0.21%          | 0.043%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.381 | 5.372 | 5.387 | VV | 233    | 1641   | 0.04% | 0.008% |
| 38 | 5.430 | 5.387 | 5.461 | VV | 808    | 19011  | 0.49% | 0.098% |
| 39 | 5.473 | 5.461 | 5.497 | VV | 380    | 6940   | 0.18% | 0.036% |
| 40 | 5.545 | 5.497 | 5.579 | VV | 625    | 20882  | 0.54% | 0.108% |
| 41 | 5.608 | 5.579 | 5.625 | VV | 1244   | 16809  | 0.43% | 0.087% |
| 42 | 5.681 | 5.625 | 5.702 | VV | 5578   | 75957  | 1.95% | 0.393% |
| 43 | 5.737 | 5.702 | 5.757 | VV | 2725   | 33487  | 0.86% | 0.173% |
| 44 | 5.802 | 5.757 | 5.874 | VV | 1197   | 38089  | 0.98% | 0.197% |
| 45 | 5.880 | 5.874 | 5.907 | VV | 205    | 3505   | 0.09% | 0.018% |
| 46 | 5.918 | 5.907 | 5.934 | VV | 355    | 4426   | 0.11% | 0.023% |
| 47 | 5.943 | 5.934 | 6.024 | VV | 312    | 9138   | 0.24% | 0.047% |
| 48 | 6.048 | 6.024 | 6.075 | VV | 248    | 4442   | 0.11% | 0.023% |
| 49 | 6.091 | 6.075 | 6.120 | PV | 545    | 6448   | 0.17% | 0.033% |
| 50 | 6.144 | 6.120 | 6.164 | VV | 382    | 5326   | 0.14% | 0.028% |
| 51 | 6.182 | 6.164 | 6.190 | VV | 309    | 3210   | 0.08% | 0.017% |
| 52 | 6.199 | 6.190 | 6.220 | VV | 230    | 3152   | 0.08% | 0.016% |
| 53 | 6.242 | 6.220 | 6.260 | VV | 260    | 3788   | 0.10% | 0.020% |
| 54 | 6.293 | 6.260 | 6.314 | VV | 378    | 8181   | 0.21% | 0.042% |
| 55 | 6.339 | 6.314 | 6.362 | VV | 1222   | 14822  | 0.38% | 0.077% |
| 56 | 6.389 | 6.362 | 6.406 | VV | 301    | 5639   | 0.15% | 0.029% |
| 57 | 6.450 | 6.406 | 6.459 | VV | 207    | 5092   | 0.13% | 0.026% |
| 58 | 6.465 | 6.459 | 6.480 | VV | 175    | 1644   | 0.04% | 0.008% |
| 59 | 6.510 | 6.480 | 6.540 | VV | 660    | 11815  | 0.30% | 0.061% |
| 60 | 6.557 | 6.540 | 6.585 | VV | 357    | 6354   | 0.16% | 0.033% |
| 61 | 6.616 | 6.585 | 6.680 | VV | 11436  | 142170 | 3.66% | 0.735% |
| 62 | 6.687 | 6.680 | 6.713 | VV | 464    | 7093   | 0.18% | 0.037% |
| 63 | 6.731 | 6.713 | 6.750 | VV | 345    | 5891   | 0.15% | 0.030% |
| 64 | 6.764 | 6.750 | 6.789 | VV | 747    | 10076  | 0.26% | 0.052% |
| 65 | 6.814 | 6.789 | 6.860 | VV | 429    | 10103  | 0.26% | 0.052% |
| 66 | 6.895 | 6.860 | 6.924 | VV | 285    | 4819   | 0.12% | 0.025% |
| 67 | 6.945 | 6.924 | 6.969 | VV | 292    | 5120   | 0.13% | 0.026% |
| 68 | 7.002 | 6.969 | 7.031 | VV | 256    | 5949   | 0.15% | 0.031% |
| 69 | 7.050 | 7.031 | 7.057 | VV | 259    | 2590   | 0.07% | 0.013% |
| 70 | 7.074 | 7.057 | 7.087 | VV | 293    | 3446   | 0.09% | 0.018% |
| 71 | 7.127 | 7.087 | 7.140 | VV | 421    | 8207   | 0.21% | 0.042% |
| 72 | 7.173 | 7.140 | 7.202 | VV | 414    | 9453   | 0.24% | 0.049% |
| 73 | 7.228 | 7.202 | 7.259 | VV | 295    | 7081   | 0.18% | 0.037% |
| 74 | 7.274 | 7.259 | 7.294 | VV | 234    | 3475   | 0.09% | 0.018% |
| 75 | 7.314 | 7.294 | 7.327 | VV | 694    | 7641   | 0.20% | 0.040% |
| 76 | 7.341 | 7.327 | 7.367 | VV | 754    | 9763   | 0.25% | 0.050% |
| 77 | 7.394 | 7.367 | 7.417 | VV | 4036   | 45789  | 1.18% | 0.237% |
| 78 | 7.425 | 7.417 | 7.447 | VV | 445    | 5520   | 0.14% | 0.029% |
| 79 | 7.471 | 7.447 | 7.497 | VV | 1289   | 16954  | 0.44% | 0.088% |
| 80 | 7.528 | 7.497 | 7.574 | VV | 1738   | 35402  | 0.91% | 0.183% |
| 81 | 7.596 | 7.574 | 7.655 | VV | 1827   | 27939  | 0.72% | 0.144% |
| 82 | 7.678 | 7.655 | 7.691 | VV | 419    | 6363   | 0.16% | 0.033% |
| 83 | 7.707 | 7.691 | 7.727 | VV | 420    | 6731   | 0.17% | 0.035% |
| 84 | 7.740 | 7.727 | 7.768 | VV | 793    | 10266  | 0.26% | 0.053% |
| 85 | 7.794 | 7.768 | 7.825 | PV | 4506   | 50757  | 1.31% | 0.262% |
| 86 | 7.881 | 7.825 | 7.922 | VV | 2017   | 47658  | 1.23% | 0.246% |
| 87 | 7.962 | 7.922 | 7.994 | VV | 1841   | 36351  | 0.94% | 0.188% |
| 88 | 8.011 | 7.994 | 8.020 | VV | 712    | 8460   | 0.22% | 0.044% |
| 89 | 8.028 | 8.020 | 8.039 | VV | 827    | 7627   | 0.20% | 0.039% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.046  | 8.039  | 8.077  | VV | 837    | 10492  | 0.27% | 0.054% |
| 91  | 8.103  | 8.077  | 8.130  | VV | 820    | 15427  | 0.40% | 0.080% |
| 92  | 8.154  | 8.130  | 8.202  | VV | 5055   | 61624  | 1.59% | 0.319% |
| 93  | 8.221  | 8.202  | 8.240  | VV | 984    | 11832  | 0.30% | 0.061% |
| 94  | 8.255  | 8.240  | 8.279  | VV | 784    | 10340  | 0.27% | 0.053% |
| 95  | 8.310  | 8.279  | 8.330  | VV | 835    | 14670  | 0.38% | 0.076% |
| 96  | 8.341  | 8.330  | 8.377  | VV | 418    | 10243  | 0.26% | 0.053% |
| 97  | 8.400  | 8.377  | 8.470  | VV | 5417   | 78158  | 2.01% | 0.404% |
| 98  | 8.500  | 8.470  | 8.530  | VV | 412    | 10715  | 0.28% | 0.055% |
| 99  | 8.543  | 8.530  | 8.562  | VV | 299    | 4545   | 0.12% | 0.024% |
| 100 | 8.589  | 8.562  | 8.624  | VV | 417    | 11277  | 0.29% | 0.058% |
| 101 | 8.633  | 8.624  | 8.661  | VV | 268    | 3777   | 0.10% | 0.020% |
| 102 | 8.683  | 8.661  | 8.715  | PV | 190    | 4653   | 0.12% | 0.024% |
| 103 | 8.764  | 8.715  | 8.832  | VV | 2313   | 74370  | 1.91% | 0.385% |
| 104 | 8.840  | 8.832  | 8.859  | VV | 792    | 11272  | 0.29% | 0.058% |
| 105 | 8.871  | 8.859  | 8.909  | VV | 750    | 18268  | 0.47% | 0.094% |
| 106 | 8.934  | 8.909  | 8.969  | VV | 1697   | 29528  | 0.76% | 0.153% |
| 107 | 8.975  | 8.969  | 9.007  | VV | 467    | 7496   | 0.19% | 0.039% |
| 108 | 9.018  | 9.007  | 9.037  | VV | 213    | 3061   | 0.08% | 0.016% |
| 109 | 9.046  | 9.037  | 9.064  | VV | 204    | 2209   | 0.06% | 0.011% |
| 110 | 9.078  | 9.064  | 9.095  | VV | 254    | 4032   | 0.10% | 0.021% |
| 111 | 9.126  | 9.095  | 9.135  | VV | 1032   | 13651  | 0.35% | 0.071% |
| 112 | 9.150  | 9.135  | 9.187  | VV | 2073   | 39470  | 1.02% | 0.204% |
| 113 | 9.231  | 9.187  | 9.273  | VV | 3638   | 78502  | 2.02% | 0.406% |
| 114 | 9.305  | 9.273  | 9.330  | VV | 974    | 15708  | 0.40% | 0.081% |
| 115 | 9.356  | 9.330  | 9.402  | VV | 686    | 12306  | 0.32% | 0.064% |
| 116 | 9.457  | 9.402  | 9.495  | VV | 3156   | 81535  | 2.10% | 0.422% |
| 117 | 9.511  | 9.495  | 9.529  | VV | 1573   | 24086  | 0.62% | 0.125% |
| 118 | 9.543  | 9.529  | 9.559  | VV | 1405   | 18629  | 0.48% | 0.096% |
| 119 | 9.581  | 9.559  | 9.616  | VV | 4195   | 68754  | 1.77% | 0.356% |
| 120 | 9.655  | 9.616  | 9.702  | VV | 1406   | 38552  | 0.99% | 0.199% |
| 121 | 9.729  | 9.702  | 9.752  | VV | 1515   | 25547  | 0.66% | 0.132% |
| 122 | 9.772  | 9.752  | 9.792  | VV | 1503   | 19784  | 0.51% | 0.102% |
| 123 | 9.832  | 9.792  | 9.849  | VV | 735    | 16095  | 0.41% | 0.083% |
| 124 | 9.862  | 9.849  | 9.887  | VV | 455    | 5520   | 0.14% | 0.029% |
| 125 | 9.911  | 9.887  | 9.932  | VV | 1147   | 15075  | 0.39% | 0.078% |
| 126 | 9.949  | 9.932  | 9.965  | VV | 583    | 7893   | 0.20% | 0.041% |
| 127 | 9.993  | 9.965  | 10.039 | VV | 4032   | 55467  | 1.43% | 0.287% |
| 128 | 10.055 | 10.039 | 10.072 | VV | 408    | 5860   | 0.15% | 0.030% |
| 129 | 10.113 | 10.072 | 10.148 | VV | 479    | 10844  | 0.28% | 0.056% |
| 130 | 10.173 | 10.148 | 10.194 | PV | 251    | 3148   | 0.08% | 0.016% |
| 131 | 10.211 | 10.194 | 10.252 | VV | 234    | 4761   | 0.12% | 0.025% |
| 132 | 10.271 | 10.252 | 10.287 | VV | 171    | 1678   | 0.04% | 0.009% |
| 133 | 10.335 | 10.287 | 10.354 | PV | 396    | 7821   | 0.20% | 0.040% |
| 134 | 10.378 | 10.354 | 10.410 | VV | 1831   | 26917  | 0.69% | 0.139% |
| 135 | 10.468 | 10.410 | 10.498 | VV | 1116   | 30088  | 0.77% | 0.156% |
| 136 | 10.521 | 10.498 | 10.559 | VV | 490    | 9432   | 0.24% | 0.049% |
| 137 | 10.584 | 10.559 | 10.597 | PV | 301    | 3955   | 0.10% | 0.020% |
| 138 | 10.624 | 10.597 | 10.634 | VV | 467    | 6562   | 0.17% | 0.034% |
| 139 | 10.659 | 10.634 | 10.690 | VV | 2024   | 34904  | 0.90% | 0.180% |
| 140 | 10.726 | 10.690 | 10.769 | VV | 10685  | 169053 | 4.35% | 0.874% |
| 141 | 10.793 | 10.769 | 10.825 | VV | 3634   | 63392  | 1.63% | 0.328% |

|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 10.856 | 10.825 | 10.894 | VV | 1963   | 48706   | 1.25%   | 0.252%  |
| 143 | 10.914 | 10.894 | 10.930 | VV | 990    | 14631   | 0.38%   | 0.076%  |
| 144 | 10.947 | 10.930 | 10.965 | VV | 1138   | 16127   | 0.41%   | 0.083%  |
| 145 | 10.978 | 10.965 | 10.990 | VV | 1093   | 11885   | 0.31%   | 0.061%  |
|     |        |        |        |    |        |         |         |         |
| 146 | 11.008 | 10.990 | 11.027 | VV | 2283   | 29049   | 0.75%   | 0.150%  |
| 147 | 11.043 | 11.027 | 11.080 | VV | 976    | 21641   | 0.56%   | 0.112%  |
| 148 | 11.114 | 11.080 | 11.131 | VV | 1220   | 26292   | 0.68%   | 0.136%  |
| 149 | 11.154 | 11.131 | 11.174 | VV | 2363   | 37054   | 0.95%   | 0.192%  |
| 150 | 11.216 | 11.174 | 11.247 | VV | 1395   | 40226   | 1.03%   | 0.208%  |
|     |        |        |        |    |        |         |         |         |
| 151 | 11.258 | 11.247 | 11.270 | VV | 591    | 7377    | 0.19%   | 0.038%  |
| 152 | 11.283 | 11.270 | 11.310 | VV | 676    | 11042   | 0.28%   | 0.057%  |
| 153 | 11.358 | 11.310 | 11.379 | VV | 2478   | 48774   | 1.25%   | 0.252%  |
| 154 | 11.392 | 11.379 | 11.406 | VV | 1573   | 19871   | 0.51%   | 0.103%  |
| 155 | 11.426 | 11.406 | 11.460 | VV | 5082   | 72376   | 1.86%   | 0.374%  |
|     |        |        |        |    |        |         |         |         |
| 156 | 11.473 | 11.460 | 11.489 | VV | 752    | 10101   | 0.26%   | 0.052%  |
| 157 | 11.518 | 11.489 | 11.538 | VV | 3050   | 46174   | 1.19%   | 0.239%  |
| 158 | 11.549 | 11.538 | 11.566 | VV | 1047   | 12845   | 0.33%   | 0.066%  |
| 159 | 11.578 | 11.566 | 11.604 | VV | 773    | 11181   | 0.29%   | 0.058%  |
| 160 | 11.622 | 11.604 | 11.634 | VV | 629    | 8020    | 0.21%   | 0.041%  |
|     |        |        |        |    |        |         |         |         |
| 161 | 11.694 | 11.634 | 11.705 | VV | 900    | 28652   | 0.74%   | 0.148%  |
| 162 | 11.735 | 11.705 | 11.764 | VV | 1608   | 35241   | 0.91%   | 0.182%  |
| 163 | 11.789 | 11.764 | 11.809 | VV | 1906   | 31727   | 0.82%   | 0.164%  |
| 164 | 11.828 | 11.809 | 11.842 | VV | 2292   | 33124   | 0.85%   | 0.171%  |
| 165 | 11.872 | 11.842 | 11.892 | VV | 4198   | 72642   | 1.87%   | 0.376%  |
|     |        |        |        |    |        |         |         |         |
| 166 | 11.911 | 11.892 | 11.930 | VV | 2313   | 38930   | 1.00%   | 0.201%  |
| 167 | 11.966 | 11.930 | 11.987 | VV | 2133   | 51346   | 1.32%   | 0.266%  |
| 168 | 11.995 | 11.987 | 12.009 | VV | 1291   | 15062   | 0.39%   | 0.078%  |
| 169 | 12.024 | 12.009 | 12.042 | VV | 1515   | 24901   | 0.64%   | 0.129%  |
| 170 | 12.091 | 12.042 | 12.130 | VV | 9769   | 191151  | 4.92%   | 0.988%  |
|     |        |        |        |    |        |         |         |         |
| 171 | 12.160 | 12.130 | 12.172 | VV | 2402   | 46225   | 1.19%   | 0.239%  |
| 172 | 12.201 | 12.172 | 12.225 | VV | 5786   | 105885  | 2.72%   | 0.548%  |
| 173 | 12.246 | 12.225 | 12.260 | VV | 2690   | 41741   | 1.07%   | 0.216%  |
| 174 | 12.270 | 12.260 | 12.293 | VV | 2005   | 33591   | 0.86%   | 0.174%  |
| 175 | 12.315 | 12.293 | 12.334 | VV | 6714   | 93003   | 2.39%   | 0.481%  |
|     |        |        |        |    |        |         |         |         |
| 176 | 12.353 | 12.334 | 12.373 | VV | 4358   | 76682   | 1.97%   | 0.397%  |
| 177 | 12.393 | 12.373 | 12.413 | VV | 8404   | 126838  | 3.26%   | 0.656%  |
| 178 | 12.431 | 12.413 | 12.449 | VV | 9137   | 121650  | 3.13%   | 0.629%  |
| 179 | 12.463 | 12.449 | 12.494 | VV | 5545   | 100590  | 2.59%   | 0.520%  |
| 180 | 12.506 | 12.494 | 12.525 | VV | 3528   | 56014   | 1.44%   | 0.290%  |
|     |        |        |        |    |        |         |         |         |
| 181 | 12.534 | 12.525 | 12.550 | VV | 3024   | 41378   | 1.06%   | 0.214%  |
| 182 | 12.571 | 12.550 | 12.589 | VV | 9334   | 127296  | 3.27%   | 0.658%  |
| 183 | 12.597 | 12.589 | 12.638 | VV | 3236   | 61125   | 1.57%   | 0.316%  |
| 184 | 12.648 | 12.638 | 12.655 | VV | 1524   | 13788   | 0.35%   | 0.071%  |
| 185 | 12.678 | 12.655 | 12.710 | VV | 5533   | 89291   | 2.30%   | 0.462%  |
|     |        |        |        |    |        |         |         |         |
| 186 | 12.729 | 12.710 | 12.755 | VV | 5317   | 73997   | 1.90%   | 0.383%  |
| 187 | 12.767 | 12.755 | 12.779 | VV | 927    | 11385   | 0.29%   | 0.059%  |
| 188 | 12.788 | 12.779 | 12.805 | VV | 938    | 13118   | 0.34%   | 0.068%  |
| 189 | 12.827 | 12.805 | 12.846 | VV | 1752   | 27575   | 0.71%   | 0.143%  |
| 190 | 12.872 | 12.846 | 12.915 | VV | 1046   | 29361   | 0.76%   | 0.152%  |
|     |        |        |        |    |        |         |         |         |
| 191 | 12.947 | 12.915 | 12.963 | VV | 711    | 14629   | 0.38%   | 0.076%  |
| 192 | 13.002 | 12.963 | 13.044 | VV | 860    | 23867   | 0.61%   | 0.123%  |
| 193 | 13.086 | 13.044 | 13.109 | PV | 502    | 13434   | 0.35%   | 0.069%  |
| 194 | 13.178 | 13.109 | 13.273 | VV | 334963 | 3887309 | 100.00% | 20.101% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.289 | 13.273 | 13.310 | VV | 1074   | 17359  | 0.45% | 0.090% |
| 196 | 13.339 | 13.310 | 13.374 | VV | 4485   | 65744  | 1.69% | 0.340% |
| 197 | 13.405 | 13.374 | 13.427 | VV | 647    | 16818  | 0.43% | 0.087% |
| 198 | 13.435 | 13.427 | 13.440 | VV | 467    | 3453   | 0.09% | 0.018% |
| 199 | 13.459 | 13.440 | 13.467 | VV | 448    | 6316   | 0.16% | 0.033% |
| 200 | 13.481 | 13.467 | 13.494 | VV | 395    | 5382   | 0.14% | 0.028% |
| 201 | 13.521 | 13.494 | 13.540 | VV | 602    | 11838  | 0.30% | 0.061% |
| 202 | 13.566 | 13.540 | 13.588 | VV | 1051   | 21713  | 0.56% | 0.112% |
| 203 | 13.606 | 13.588 | 13.617 | VV | 731    | 11436  | 0.29% | 0.059% |
| 204 | 13.634 | 13.617 | 13.655 | VV | 1155   | 18062  | 0.46% | 0.093% |
| 205 | 13.675 | 13.655 | 13.705 | VV | 953    | 22096  | 0.57% | 0.114% |
| 206 | 13.714 | 13.705 | 13.737 | VV | 845    | 12129  | 0.31% | 0.063% |
| 207 | 13.766 | 13.737 | 13.812 | VV | 1360   | 37499  | 0.96% | 0.194% |
| 208 | 13.831 | 13.812 | 13.850 | VV | 999    | 19329  | 0.50% | 0.100% |
| 209 | 13.867 | 13.850 | 13.889 | VV | 1325   | 20690  | 0.53% | 0.107% |
| 210 | 13.921 | 13.889 | 13.967 | VV | 6396   | 106597 | 2.74% | 0.551% |
| 211 | 13.995 | 13.967 | 14.043 | VV | 1350   | 40645  | 1.05% | 0.210% |
| 212 | 14.060 | 14.043 | 14.095 | VV | 961    | 23799  | 0.61% | 0.123% |
| 213 | 14.102 | 14.095 | 14.122 | VV | 678    | 9570   | 0.25% | 0.049% |
| 214 | 14.155 | 14.122 | 14.180 | VV | 1821   | 40590  | 1.04% | 0.210% |
| 215 | 14.225 | 14.180 | 14.245 | VV | 1284   | 34260  | 0.88% | 0.177% |
| 216 | 14.255 | 14.245 | 14.270 | VV | 993    | 12559  | 0.32% | 0.065% |
| 217 | 14.312 | 14.270 | 14.335 | VV | 1115   | 37039  | 0.95% | 0.192% |
| 218 | 14.358 | 14.335 | 14.429 | VV | 8237   | 141571 | 3.64% | 0.732% |
| 219 | 14.449 | 14.429 | 14.460 | VV | 1384   | 20294  | 0.52% | 0.105% |
| 220 | 14.482 | 14.460 | 14.509 | VV | 6816   | 88179  | 2.27% | 0.456% |
| 221 | 14.521 | 14.509 | 14.537 | VV | 1003   | 14330  | 0.37% | 0.074% |
| 222 | 14.555 | 14.537 | 14.570 | VV | 1213   | 20095  | 0.52% | 0.104% |
| 223 | 14.588 | 14.570 | 14.602 | VV | 1188   | 20584  | 0.53% | 0.106% |
| 224 | 14.616 | 14.602 | 14.665 | VV | 1335   | 33391  | 0.86% | 0.173% |
| 225 | 14.683 | 14.665 | 14.719 | VV | 1144   | 23724  | 0.61% | 0.123% |
| 226 | 14.755 | 14.719 | 14.810 | VV | 1453   | 48331  | 1.24% | 0.250% |
| 227 | 14.832 | 14.810 | 14.846 | VV | 901    | 15467  | 0.40% | 0.080% |
| 228 | 14.880 | 14.846 | 14.900 | VV | 1069   | 27654  | 0.71% | 0.143% |
| 229 | 14.919 | 14.900 | 14.941 | VV | 1227   | 20557  | 0.53% | 0.106% |
| 230 | 14.960 | 14.941 | 14.992 | VV | 984    | 23900  | 0.61% | 0.124% |
| 231 | 15.019 | 14.992 | 15.046 | VV | 6577   | 100098 | 2.57% | 0.518% |
| 232 | 15.063 | 15.046 | 15.075 | VV | 1569   | 21490  | 0.55% | 0.111% |
| 233 | 15.087 | 15.075 | 15.120 | VV | 1447   | 25612  | 0.66% | 0.132% |
| 234 | 15.132 | 15.120 | 15.149 | VV | 823    | 10117  | 0.26% | 0.052% |
| 235 | 15.163 | 15.149 | 15.187 | VV | 1235   | 18657  | 0.48% | 0.096% |
| 236 | 15.217 | 15.187 | 15.248 | VV | 1043   | 29720  | 0.76% | 0.154% |
| 237 | 15.265 | 15.248 | 15.290 | VV | 1209   | 24226  | 0.62% | 0.125% |
| 238 | 15.306 | 15.290 | 15.322 | VV | 1038   | 16293  | 0.42% | 0.084% |
| 239 | 15.349 | 15.322 | 15.362 | VV | 1479   | 25506  | 0.66% | 0.132% |
| 240 | 15.373 | 15.362 | 15.395 | VV | 1066   | 17100  | 0.44% | 0.088% |
| 241 | 15.415 | 15.395 | 15.431 | VV | 1040   | 18821  | 0.48% | 0.097% |
| 242 | 15.454 | 15.431 | 15.475 | VV | 1158   | 23624  | 0.61% | 0.122% |
| 243 | 15.484 | 15.475 | 15.507 | VV | 1020   | 15370  | 0.40% | 0.079% |
| 244 | 15.538 | 15.507 | 15.630 | VV | 6957   | 168344 | 4.33% | 0.870% |
| 245 | 15.640 | 15.630 | 15.665 | VV | 762    | 12562  | 0.32% | 0.065% |
| 246 | 15.671 | 15.665 | 15.679 | VV | 584    | 3795   | 0.10% | 0.020% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.700 | 15.679 | 15.744 | VV | 1080   | 28546  | 0.73% | 0.148% |
| 248 | 15.795 | 15.744 | 15.817 | VV | 1195   | 40052  | 1.03% | 0.207% |
| 249 | 15.859 | 15.817 | 15.887 | VV | 1930   | 54506  | 1.40% | 0.282% |
| 250 | 15.902 | 15.887 | 15.922 | VV | 1234   | 19889  | 0.51% | 0.103% |
|     |        |        |        |    |        |        |       |        |
| 251 | 15.932 | 15.922 | 15.963 | VV | 1231   | 20717  | 0.53% | 0.107% |
| 252 | 15.967 | 15.963 | 15.977 | VV | 792    | 6172   | 0.16% | 0.032% |
| 253 | 15.991 | 15.977 | 16.010 | VV | 904    | 15005  | 0.39% | 0.078% |
| 254 | 16.035 | 16.010 | 16.061 | VV | 7499   | 110268 | 2.84% | 0.570% |
| 255 | 16.071 | 16.061 | 16.129 | VV | 1669   | 41699  | 1.07% | 0.216% |
|     |        |        |        |    |        |        |       |        |
| 256 | 16.152 | 16.129 | 16.176 | VV | 838    | 18935  | 0.49% | 0.098% |
| 257 | 16.197 | 16.176 | 16.210 | VV | 1205   | 17049  | 0.44% | 0.088% |
| 258 | 16.254 | 16.210 | 16.280 | VV | 2061   | 59756  | 1.54% | 0.309% |
| 259 | 16.287 | 16.280 | 16.304 | VV | 1166   | 13004  | 0.33% | 0.067% |
| 260 | 16.349 | 16.304 | 16.380 | VV | 2325   | 68487  | 1.76% | 0.354% |
|     |        |        |        |    |        |        |       |        |
| 261 | 16.414 | 16.380 | 16.446 | VV | 1677   | 53184  | 1.37% | 0.275% |
| 262 | 16.516 | 16.446 | 16.560 | VV | 9483   | 182718 | 4.70% | 0.945% |
| 263 | 16.572 | 16.560 | 16.605 | VV | 1402   | 30288  | 0.78% | 0.157% |
| 264 | 16.636 | 16.605 | 16.646 | VV | 1327   | 24289  | 0.62% | 0.126% |
| 265 | 16.677 | 16.646 | 16.692 | VV | 1686   | 38527  | 0.99% | 0.199% |
|     |        |        |        |    |        |        |       |        |
| 266 | 16.700 | 16.692 | 16.714 | VV | 1638   | 19110  | 0.49% | 0.099% |
| 267 | 16.730 | 16.714 | 16.759 | VV | 1831   | 42057  | 1.08% | 0.217% |
| 268 | 16.763 | 16.759 | 16.774 | VV | 1414   | 11493  | 0.30% | 0.059% |
| 269 | 16.799 | 16.774 | 16.830 | VV | 1635   | 43619  | 1.12% | 0.226% |
| 270 | 16.862 | 16.830 | 16.902 | VV | 2051   | 62714  | 1.61% | 0.324% |
|     |        |        |        |    |        |        |       |        |
| 271 | 16.910 | 16.902 | 16.920 | VV | 888    | 9336   | 0.24% | 0.048% |
| 272 | 16.982 | 16.920 | 17.005 | VV | 10132  | 173376 | 4.46% | 0.897% |
| 273 | 17.023 | 17.005 | 17.050 | VV | 2987   | 57664  | 1.48% | 0.298% |
| 274 | 17.061 | 17.050 | 17.083 | VV | 1584   | 27493  | 0.71% | 0.142% |
| 275 | 17.106 | 17.083 | 17.129 | VV | 2087   | 46643  | 1.20% | 0.241% |
|     |        |        |        |    |        |        |       |        |
| 276 | 17.138 | 17.129 | 17.155 | VV | 2067   | 23126  | 0.59% | 0.120% |
| 277 | 17.173 | 17.155 | 17.194 | VV | 1891   | 34740  | 0.89% | 0.180% |
| 278 | 17.225 | 17.194 | 17.237 | VV | 2328   | 51929  | 1.34% | 0.269% |
| 279 | 17.250 | 17.237 | 17.284 | VV | 2546   | 50930  | 1.31% | 0.263% |
| 280 | 17.315 | 17.284 | 17.335 | VV | 1934   | 43556  | 1.12% | 0.225% |
|     |        |        |        |    |        |        |       |        |
| 281 | 17.358 | 17.335 | 17.376 | VV | 1346   | 26792  | 0.69% | 0.139% |
| 282 | 17.390 | 17.376 | 17.403 | VV | 1719   | 22446  | 0.58% | 0.116% |
| 283 | 17.429 | 17.403 | 17.462 | VV | 14672  | 220979 | 5.68% | 1.143% |
| 284 | 17.481 | 17.462 | 17.503 | VV | 1442   | 29101  | 0.75% | 0.150% |
| 285 | 17.524 | 17.503 | 17.539 | VV | 1755   | 29226  | 0.75% | 0.151% |
|     |        |        |        |    |        |        |       |        |
| 286 | 17.565 | 17.539 | 17.601 | VV | 2751   | 66016  | 1.70% | 0.341% |
| 287 | 17.610 | 17.601 | 17.622 | VV | 1129   | 11823  | 0.30% | 0.061% |
| 288 | 17.628 | 17.622 | 17.636 | VV | 968    | 7069   | 0.18% | 0.037% |
| 289 | 17.653 | 17.636 | 17.674 | VV | 1535   | 21399  | 0.55% | 0.111% |
| 290 | 17.683 | 17.674 | 17.700 | VV | 862    | 10194  | 0.26% | 0.053% |
|     |        |        |        |    |        |        |       |        |
| 291 | 17.719 | 17.700 | 17.730 | VV | 940    | 14133  | 0.36% | 0.073% |
| 292 | 17.785 | 17.730 | 17.823 | VV | 1638   | 60401  | 1.55% | 0.312% |
| 293 | 17.865 | 17.823 | 17.909 | VV | 10746  | 176373 | 4.54% | 0.912% |
| 294 | 17.945 | 17.909 | 17.963 | VV | 1186   | 25451  | 0.65% | 0.132% |
| 295 | 17.981 | 17.963 | 17.988 | VV | 828    | 10464  | 0.27% | 0.054% |
|     |        |        |        |    |        |        |       |        |
| 296 | 18.036 | 17.988 | 18.103 | VV | 4057   | 110326 | 2.84% | 0.570% |
| 297 | 18.130 | 18.103 | 18.149 | VV | 1186   | 18086  | 0.47% | 0.094% |
| 298 | 18.156 | 18.149 | 18.175 | VV | 564    | 7008   | 0.18% | 0.036% |
| 299 | 18.195 | 18.175 | 18.217 | VV | 790    | 14835  | 0.38% | 0.077% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 300 | 18.240 | 18.217 | 18.257 | VV | 1427   | 24308  | 0.63%  | 0.126% |
| 301 | 18.285 | 18.257 | 18.324 | VV | 10251  | 152943 | 3.93%  | 0.791% |
| 302 | 18.403 | 18.324 | 18.452 | PV | 4382   | 85531  | 2.20%  | 0.442% |
| 303 | 18.467 | 18.452 | 18.486 | VV | 498    | 6542   | 0.17%  | 0.034% |
| 304 | 18.509 | 18.486 | 18.530 | VV | 555    | 9073   | 0.23%  | 0.047% |
| 305 | 18.554 | 18.530 | 18.575 | VV | 1397   | 22705  | 0.58%  | 0.117% |
| 306 | 18.592 | 18.575 | 18.612 | VV | 923    | 14371  | 0.37%  | 0.074% |
| 307 | 18.621 | 18.612 | 18.637 | VV | 438    | 4667   | 0.12%  | 0.024% |
| 308 | 18.692 | 18.637 | 18.752 | PV | 5627   | 93282  | 2.40%  | 0.482% |
| 309 | 18.821 | 18.752 | 18.848 | VV | 1666   | 33334  | 0.86%  | 0.172% |
| 310 | 18.871 | 18.848 | 18.890 | VV | 1963   | 29383  | 0.76%  | 0.152% |
| 311 | 18.900 | 18.890 | 18.912 | VV | 846    | 8065   | 0.21%  | 0.042% |
| 312 | 18.983 | 18.912 | 19.029 | VV | 964    | 46966  | 1.21%  | 0.243% |
| 313 | 19.043 | 19.029 | 19.053 | VV | 486    | 4519   | 0.12%  | 0.023% |
| 314 | 19.090 | 19.053 | 19.127 | VV | 4493   | 76290  | 1.96%  | 0.394% |
| 315 | 19.150 | 19.127 | 19.190 | VV | 1524   | 36558  | 0.94%  | 0.189% |
| 316 | 19.224 | 19.190 | 19.237 | VV | 1468   | 29665  | 0.76%  | 0.153% |
| 317 | 19.256 | 19.237 | 19.271 | VV | 1317   | 22407  | 0.58%  | 0.116% |
| 318 | 19.288 | 19.271 | 19.312 | VV | 1253   | 26909  | 0.69%  | 0.139% |
| 319 | 19.332 | 19.312 | 19.354 | VV | 1164   | 19905  | 0.51%  | 0.103% |
| 320 | 19.382 | 19.354 | 19.392 | VV | 816    | 16080  | 0.41%  | 0.083% |
| 321 | 19.405 | 19.392 | 19.419 | VV | 780    | 11186  | 0.29%  | 0.058% |
| 322 | 19.474 | 19.419 | 19.514 | VV | 4434   | 113389 | 2.92%  | 0.586% |
| 323 | 19.524 | 19.514 | 19.557 | VV | 2013   | 43927  | 1.13%  | 0.227% |
| 324 | 19.565 | 19.557 | 19.575 | VV | 1593   | 15858  | 0.41%  | 0.082% |
| 325 | 19.614 | 19.575 | 19.630 | VV | 1833   | 53360  | 1.37%  | 0.276% |
| 326 | 19.712 | 19.630 | 19.727 | VV | 2514   | 110766 | 2.85%  | 0.573% |
| 327 | 19.752 | 19.727 | 19.797 | VV | 2788   | 102351 | 2.63%  | 0.529% |
| 328 | 19.803 | 19.797 | 19.815 | VV | 2457   | 25709  | 0.66%  | 0.133% |
| 329 | 19.846 | 19.815 | 19.871 | VV | 4508   | 113659 | 2.92%  | 0.588% |
| 330 | 19.887 | 19.871 | 19.899 | VV | 3082   | 46367  | 1.19%  | 0.240% |
| 331 | 19.952 | 19.899 | 19.960 | VV | 3584   | 120616 | 3.10%  | 0.624% |
| 332 | 19.982 | 19.960 | 19.993 | VV | 4243   | 76686  | 1.97%  | 0.397% |
| 333 | 20.030 | 19.993 | 20.059 | VV | 6586   | 198612 | 5.11%  | 1.027% |
| 334 | 20.116 | 20.059 | 20.155 | VV | 8127   | 298400 | 7.68%  | 1.543% |
| 335 | 20.210 | 20.155 | 20.242 | VV | 7738   | 289736 | 7.45%  | 1.498% |
| 336 | 20.280 | 20.242 | 20.335 | VV | 6081   | 317099 | 8.16%  | 1.640% |
| 337 | 20.436 | 20.335 | 20.447 | VV | 6559   | 377625 | 9.71%  | 1.953% |
| 338 | 20.491 | 20.447 | 20.547 | VV | 7318   | 402119 | 10.34% | 2.079% |
| 339 | 20.568 | 20.547 | 20.654 | VV | 7577   | 364929 | 9.39%  | 1.887% |
| 340 | 20.712 | 20.654 | 20.734 | VV | 6669   | 277028 | 7.13%  | 1.432% |
| 341 | 20.764 | 20.734 | 20.909 | VV | 9685   | 645331 | 16.60% | 3.337% |
| 342 | 20.934 | 20.909 | 20.942 | VV | 4272   | 82742  | 2.13%  | 0.428% |
| 343 | 20.971 | 20.942 | 21.009 | VV | 5561   | 186343 | 4.79%  | 0.964% |
| 344 | 21.050 | 21.009 | 21.057 | VV | 4474   | 122128 | 3.14%  | 0.632% |
| 345 | 21.088 | 21.057 | 21.117 | VV | 4635   | 160123 | 4.12%  | 0.828% |
| 346 | 21.123 | 21.117 | 21.221 | VV | 4446   | 233667 | 6.01%  | 1.208% |
| 347 | 21.286 | 21.221 | 21.335 | VV | 3567   | 214164 | 5.51%  | 1.107% |
| 348 | 21.419 | 21.335 | 21.505 | VV | 4306   | 311503 | 8.01%  | 1.611% |
| 349 | 21.510 | 21.505 | 21.534 | VV | 2088   | 33731  | 0.87%  | 0.174% |
| 350 | 21.551 | 21.534 | 21.582 | VV | 2163   | 56594  | 1.46%  | 0.293% |
| 351 | 21.597 | 21.582 | 21.617 | VV | 1869   | 36436  | 0.94%  | 0.188% |

|     |        |        |        |    |                         |          |       |        |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|
|     |        |        |        |    |                         | rters    |       |        |
| 352 | 21.657 | 21.617 | 21.669 | VV | 1935                    | 51421    | 1.32% | 0.266% |
| 353 | 21.687 | 21.669 | 21.727 | VV | 1577                    | 53574    | 1.38% | 0.277% |
| 354 | 21.753 | 21.727 | 21.766 | VV | 1632                    | 33617    | 0.86% | 0.174% |
| 355 | 21.783 | 21.766 | 21.790 | VV | 1543                    | 21874    | 0.56% | 0.113% |
| 356 | 21.800 | 21.790 | 21.814 | VV | 1514                    | 20161    | 0.52% | 0.104% |
| 357 | 21.822 | 21.814 | 21.839 | VV | 1534                    | 20926    | 0.54% | 0.108% |
| 358 | 21.923 | 21.839 | 21.987 | VV | 2119                    | 113892   | 2.93% | 0.589% |
| 359 | 21.998 | 21.987 | 22.025 | VV | 134                     | 1750     | 0.05% | 0.009% |
|     |        |        |        |    | Sum of corrected areas: | 19339084 |       |        |

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