

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032323AL\  
Data File : FE040985.D  
Signal(s) : FID1B.ch  
Acq On : 23 Mar 2023 22:10  
Sample : 02028-02DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022823.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         | 3.223       | 3.204        | 3.237      | BV       | 91             | 836          | 0.00%          | 0.000%        |
| 2         | 3.267       | 3.237        | 3.301      | PV       | 1390           | 22869        | 0.02%          | 0.008%        |
| 3         | 3.317       | 3.301        | 3.358      | VV       | 233            | 4451         | 0.00%          | 0.002%        |
| 4         | 3.382       | 3.358        | 3.393      | PV       | 332            | 3463         | 0.00%          | 0.001%        |
| 5         | 3.406       | 3.393        | 3.423      | VV       | 489            | 5795         | 0.01%          | 0.002%        |
| 6         | 3.436       | 3.423        | 3.461      | VV       | 356            | 4803         | 0.00%          | 0.002%        |
| 7         | 3.475       | 3.461        | 3.487      | VV       | 290            | 3076         | 0.00%          | 0.001%        |
| 8         | 3.505       | 3.487        | 3.530      | VV       | 289            | 4625         | 0.00%          | 0.002%        |
| 9         | 3.544       | 3.530        | 3.557      | VV       | 355            | 3517         | 0.00%          | 0.001%        |
| 10        | 3.576       | 3.557        | 3.618      | VV       | 1047           | 16254        | 0.02%          | 0.006%        |
| 11        | 3.633       | 3.618        | 3.644      | VV       | 352            | 3878         | 0.00%          | 0.001%        |
| 12        | 3.653       | 3.644        | 3.691      | VV       | 379            | 6496         | 0.01%          | 0.002%        |
| 13        | 3.709       | 3.691        | 3.744      | VV       | 1279           | 19943        | 0.02%          | 0.007%        |
| 14        | 3.790       | 3.744        | 3.823      | VV       | 773            | 20824        | 0.02%          | 0.008%        |
| 15        | 3.852       | 3.823        | 3.880      | VV       | 1413           | 25870        | 0.02%          | 0.009%        |
| 16        | 3.893       | 3.880        | 3.923      | VV       | 980            | 11842        | 0.01%          | 0.004%        |
| 17        | 3.951       | 3.923        | 4.007      | VV       | 1530           | 34067        | 0.03%          | 0.013%        |
| 18        | 4.054       | 4.007        | 4.071      | VV       | 2475           | 34834        | 0.03%          | 0.013%        |
| 19        | 4.087       | 4.071        | 4.106      | VV       | 1937           | 23877        | 0.02%          | 0.009%        |
| 20        | 4.125       | 4.106        | 4.142      | VV       | 904            | 15026        | 0.01%          | 0.006%        |
| 21        | 4.163       | 4.142        | 4.186      | VV       | 1864           | 25185        | 0.02%          | 0.009%        |
| 22        | 4.193       | 4.186        | 4.211      | VV       | 229            | 2019         | 0.00%          | 0.001%        |
| 23        | 4.243       | 4.211        | 4.270      | VV       | 3310           | 63598        | 0.06%          | 0.023%        |
| 24        | 4.284       | 4.270        | 4.312      | VV       | 1716           | 29725        | 0.03%          | 0.011%        |
| 25        | 4.323       | 4.312        | 4.370      | VV       | 868            | 16923        | 0.02%          | 0.006%        |
| 26        | 4.404       | 4.370        | 4.430      | VV       | 963            | 16299        | 0.02%          | 0.006%        |
| 27        | 4.452       | 4.430        | 4.478      | VV       | 1719           | 23779        | 0.02%          | 0.009%        |
| 28        | 4.513       | 4.478        | 4.537      | VV       | 9149           | 109382       | 0.10%          | 0.040%        |
| 29        | 4.552       | 4.537        | 4.570      | VV       | 2066           | 25693        | 0.02%          | 0.009%        |
| 30        | 4.588       | 4.570        | 4.608      | VV       | 1612           | 20740        | 0.02%          | 0.008%        |
| 31        | 4.633       | 4.608        | 4.651      | VV       | 555            | 8517         | 0.01%          | 0.003%        |
| 32        | 4.688       | 4.651        | 4.707      | PV       | 1208           | 24832        | 0.02%          | 0.009%        |
| 33        | 4.723       | 4.707        | 4.752      | VV       | 1305           | 25547        | 0.02%          | 0.009%        |
| 34        | 4.764       | 4.752        | 4.777      | VV       | 1006           | 10466        | 0.01%          | 0.004%        |
| 35        | 4.795       | 4.777        | 4.809      | VV       | 4367           | 44302        | 0.04%          | 0.016%        |
| 36        | 4.818       | 4.809        | 4.834      | VV       | 2393           | 23955        | 0.02%          | 0.009%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.853 | 4.834 | 4.863 | VV | 2166   | 27573  | 0.03% | 0.010% |
| 38 | 4.874 | 4.863 | 4.893 | VV | 2477   | 27116  | 0.03% | 0.010% |
| 39 | 4.932 | 4.893 | 4.961 | VV | 2958   | 74125  | 0.07% | 0.027% |
| 40 | 4.975 | 4.961 | 4.995 | VV | 2879   | 40230  | 0.04% | 0.015% |
| 41 | 5.017 | 4.995 | 5.062 | VV | 7248   | 106767 | 0.10% | 0.039% |
| 42 | 5.092 | 5.062 | 5.110 | VV | 2281   | 32918  | 0.03% | 0.012% |
| 43 | 5.124 | 5.110 | 5.150 | VV | 1320   | 16701  | 0.02% | 0.006% |
| 44 | 5.188 | 5.150 | 5.201 | VV | 3508   | 39812  | 0.04% | 0.015% |
| 45 | 5.219 | 5.201 | 5.245 | VV | 6103   | 85680  | 0.08% | 0.031% |
| 46 | 5.264 | 5.245 | 5.281 | VV | 6168   | 73015  | 0.07% | 0.027% |
| 47 | 5.298 | 5.281 | 5.314 | VV | 3591   | 55322  | 0.05% | 0.020% |
| 48 | 5.329 | 5.314 | 5.367 | VV | 5161   | 67572  | 0.06% | 0.025% |
| 49 | 5.381 | 5.367 | 5.405 | VV | 472    | 6678   | 0.01% | 0.002% |
| 50 | 5.428 | 5.405 | 5.441 | PV | 2549   | 29732  | 0.03% | 0.011% |
| 51 | 5.451 | 5.441 | 5.464 | VV | 1987   | 22835  | 0.02% | 0.008% |
| 52 | 5.491 | 5.464 | 5.509 | VV | 3824   | 66384  | 0.06% | 0.024% |
| 53 | 5.525 | 5.509 | 5.541 | VV | 4359   | 56401  | 0.05% | 0.021% |
| 54 | 5.550 | 5.541 | 5.562 | VV | 1713   | 18608  | 0.02% | 0.007% |
| 55 | 5.587 | 5.562 | 5.603 | VV | 2610   | 39017  | 0.04% | 0.014% |
| 56 | 5.614 | 5.603 | 5.628 | VV | 1264   | 11401  | 0.01% | 0.004% |
| 57 | 5.649 | 5.628 | 5.703 | VV | 31954  | 458476 | 0.43% | 0.168% |
| 58 | 5.718 | 5.703 | 5.753 | VV | 1216   | 28633  | 0.03% | 0.011% |
| 59 | 5.775 | 5.753 | 5.788 | VV | 1105   | 15462  | 0.01% | 0.006% |
| 60 | 5.799 | 5.788 | 5.806 | VV | 993    | 8726   | 0.01% | 0.003% |
| 61 | 5.828 | 5.806 | 5.865 | VV | 7079   | 151009 | 0.14% | 0.055% |
| 62 | 5.874 | 5.865 | 5.891 | VV | 2384   | 28043  | 0.03% | 0.010% |
| 63 | 5.910 | 5.891 | 5.923 | VV | 4261   | 46594  | 0.04% | 0.017% |
| 64 | 5.944 | 5.923 | 5.987 | VV | 10718  | 241180 | 0.23% | 0.089% |
| 65 | 6.011 | 5.987 | 6.020 | VV | 3835   | 58076  | 0.05% | 0.021% |
| 66 | 6.037 | 6.020 | 6.067 | VV | 10161  | 158235 | 0.15% | 0.058% |
| 67 | 6.079 | 6.067 | 6.109 | VV | 3517   | 67650  | 0.06% | 0.025% |
| 68 | 6.126 | 6.109 | 6.144 | VV | 5933   | 71527  | 0.07% | 0.026% |
| 69 | 6.178 | 6.144 | 6.199 | VV | 5693   | 106994 | 0.10% | 0.039% |
| 70 | 6.229 | 6.199 | 6.258 | VV | 11310  | 233309 | 0.22% | 0.086% |
| 71 | 6.276 | 6.258 | 6.298 | VV | 8004   | 126913 | 0.12% | 0.047% |
| 72 | 6.323 | 6.298 | 6.342 | VV | 10502  | 141169 | 0.13% | 0.052% |
| 73 | 6.362 | 6.342 | 6.374 | VV | 7962   | 112505 | 0.11% | 0.041% |
| 74 | 6.387 | 6.374 | 6.430 | VV | 10158  | 202485 | 0.19% | 0.074% |
| 75 | 6.448 | 6.430 | 6.480 | VV | 6471   | 128421 | 0.12% | 0.047% |
| 76 | 6.499 | 6.480 | 6.529 | VV | 7371   | 138306 | 0.13% | 0.051% |
| 77 | 6.550 | 6.529 | 6.575 | VV | 4602   | 94192  | 0.09% | 0.035% |
| 78 | 6.603 | 6.575 | 6.658 | VV | 9585   | 237948 | 0.22% | 0.087% |
| 79 | 6.678 | 6.658 | 6.725 | VV | 39952  | 513616 | 0.48% | 0.189% |
| 80 | 6.736 | 6.725 | 6.746 | VV | 2065   | 23475  | 0.02% | 0.009% |
| 81 | 6.767 | 6.746 | 6.779 | VV | 3908   | 58892  | 0.06% | 0.022% |
| 82 | 6.798 | 6.779 | 6.811 | VV | 6629   | 92839  | 0.09% | 0.034% |
| 83 | 6.831 | 6.811 | 6.855 | VV | 20190  | 266147 | 0.25% | 0.098% |
| 84 | 6.877 | 6.855 | 6.892 | VV | 6112   | 111505 | 0.11% | 0.041% |
| 85 | 6.903 | 6.892 | 6.918 | VV | 5304   | 62740  | 0.06% | 0.023% |
| 86 | 6.934 | 6.918 | 6.944 | VV | 4551   | 61832  | 0.06% | 0.023% |
| 87 | 6.962 | 6.944 | 6.983 | VV | 11779  | 150818 | 0.14% | 0.055% |
| 88 | 7.004 | 6.983 | 7.054 | VV | 8363   | 227864 | 0.21% | 0.084% |
| 89 | 7.084 | 7.054 | 7.116 | VV | 24020  | 369844 | 0.35% | 0.136% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    | rteres |         |       |        |
| 90  | 7.127 | 7.116 | 7.139 | VV | 4462   | 55365   | 0.05% | 0.020% |
| 91  | 7.160 | 7.139 | 7.173 | VV | 5123   | 92077   | 0.09% | 0.034% |
| 92  | 7.207 | 7.173 | 7.229 | VV | 13376  | 276085  | 0.26% | 0.101% |
| 93  | 7.251 | 7.229 | 7.277 | VV | 16261  | 239220  | 0.23% | 0.088% |
| 94  | 7.318 | 7.277 | 7.341 | VV | 19870  | 450321  | 0.42% | 0.165% |
| 95  | 7.355 | 7.341 | 7.375 | VV | 13853  | 179911  | 0.17% | 0.066% |
| 96  | 7.397 | 7.375 | 7.434 | VV | 23005  | 362329  | 0.34% | 0.133% |
| 97  | 7.456 | 7.434 | 7.480 | VV | 14809  | 243466  | 0.23% | 0.089% |
| 98  | 7.496 | 7.480 | 7.514 | VV | 8103   | 116747  | 0.11% | 0.043% |
| 99  | 7.528 | 7.514 | 7.555 | VV | 5026   | 115309  | 0.11% | 0.042% |
| 100 | 7.624 | 7.555 | 7.648 | VV | 62892  | 1040238 | 0.98% | 0.382% |
| 101 | 7.662 | 7.648 | 7.686 | VV | 9042   | 174247  | 0.16% | 0.064% |
| 102 | 7.708 | 7.686 | 7.731 | VV | 7357   | 175568  | 0.17% | 0.064% |
| 103 | 7.746 | 7.731 | 7.770 | VV | 5860   | 115452  | 0.11% | 0.042% |
| 104 | 7.797 | 7.770 | 7.833 | VV | 20312  | 394717  | 0.37% | 0.145% |
| 105 | 7.850 | 7.833 | 7.872 | VV | 7866   | 133627  | 0.13% | 0.049% |
| 106 | 7.891 | 7.872 | 7.913 | VV | 6278   | 114114  | 0.11% | 0.042% |
| 107 | 7.939 | 7.913 | 7.980 | VV | 163647 | 2026492 | 1.91% | 0.744% |
| 108 | 7.993 | 7.980 | 8.034 | VV | 14618  | 312541  | 0.29% | 0.115% |
| 109 | 8.056 | 8.034 | 8.070 | VV | 12582  | 213736  | 0.20% | 0.078% |
| 110 | 8.086 | 8.070 | 8.126 | VV | 13464  | 367650  | 0.35% | 0.135% |
| 111 | 8.150 | 8.126 | 8.171 | VV | 14825  | 252621  | 0.24% | 0.093% |
| 112 | 8.197 | 8.171 | 8.214 | VV | 17782  | 276681  | 0.26% | 0.102% |
| 113 | 8.232 | 8.214 | 8.242 | VV | 17592  | 219990  | 0.21% | 0.081% |
| 114 | 8.255 | 8.242 | 8.279 | VV | 21453  | 287680  | 0.27% | 0.106% |
| 115 | 8.323 | 8.279 | 8.361 | VV | 29615  | 583018  | 0.55% | 0.214% |
| 116 | 8.369 | 8.361 | 8.394 | VV | 7440   | 126821  | 0.12% | 0.047% |
| 117 | 8.432 | 8.394 | 8.448 | VV | 16758  | 383751  | 0.36% | 0.141% |
| 118 | 8.462 | 8.448 | 8.472 | VV | 14428  | 194946  | 0.18% | 0.072% |
| 119 | 8.505 | 8.472 | 8.532 | VV | 76214  | 1084975 | 1.02% | 0.398% |
| 120 | 8.549 | 8.532 | 8.568 | VV | 12916  | 230798  | 0.22% | 0.085% |
| 121 | 8.605 | 8.568 | 8.635 | VV | 14063  | 414743  | 0.39% | 0.152% |
| 122 | 8.659 | 8.635 | 8.678 | VV | 12123  | 255101  | 0.24% | 0.094% |
| 123 | 8.691 | 8.678 | 8.704 | VV | 10926  | 148190  | 0.14% | 0.054% |
| 124 | 8.724 | 8.704 | 8.766 | VV | 15395  | 362422  | 0.34% | 0.133% |
| 125 | 8.820 | 8.766 | 8.851 | VV | 71715  | 1239680 | 1.17% | 0.455% |
| 126 | 8.860 | 8.851 | 8.898 | VV | 18702  | 443600  | 0.42% | 0.163% |
| 127 | 8.927 | 8.898 | 8.941 | VV | 16231  | 364270  | 0.34% | 0.134% |
| 128 | 8.956 | 8.941 | 8.979 | VV | 16310  | 310861  | 0.29% | 0.114% |
| 129 | 8.997 | 8.979 | 9.014 | VV | 15594  | 264186  | 0.25% | 0.097% |
| 130 | 9.044 | 9.014 | 9.071 | VV | 39038  | 637216  | 0.60% | 0.234% |
| 131 | 9.097 | 9.071 | 9.137 | VV | 15698  | 378466  | 0.36% | 0.139% |
| 132 | 9.161 | 9.137 | 9.179 | VV | 11203  | 228679  | 0.22% | 0.084% |
| 133 | 9.192 | 9.179 | 9.212 | VV | 10577  | 176624  | 0.17% | 0.065% |
| 134 | 9.225 | 9.212 | 9.240 | VV | 7600   | 118246  | 0.11% | 0.043% |
| 135 | 9.268 | 9.240 | 9.293 | VV | 10780  | 287690  | 0.27% | 0.106% |
| 136 | 9.332 | 9.293 | 9.358 | VV | 88566  | 1213438 | 1.14% | 0.446% |
| 137 | 9.369 | 9.358 | 9.397 | VV | 12554  | 242885  | 0.23% | 0.089% |
| 138 | 9.416 | 9.397 | 9.441 | VV | 11844  | 231675  | 0.22% | 0.085% |
| 139 | 9.480 | 9.441 | 9.502 | VV | 9891   | 289524  | 0.27% | 0.106% |
| 140 | 9.526 | 9.502 | 9.545 | VV | 10008  | 213176  | 0.20% | 0.078% |
| 141 | 9.561 | 9.545 | 9.584 | VV | 9887   | 187994  | 0.18% | 0.069% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 9.618  | 9.584  | 9.649  | VV | 11180   | 327536   | 0.31%  | 0.120% |
| 143    | 9.664  | 9.649  | 9.679  | VV | 8493    | 127336   | 0.12%  | 0.047% |
| 144    | 9.709  | 9.679  | 9.739  | VV | 22606   | 492380   | 0.46%  | 0.181% |
| 145    | 9.750  | 9.739  | 9.763  | VV | 11067   | 144339   | 0.14%  | 0.053% |
| 146    | 9.789  | 9.763  | 9.818  | VV | 17093   | 400962   | 0.38%  | 0.147% |
| 147    | 9.837  | 9.818  | 9.857  | VV | 16073   | 267852   | 0.25%  | 0.098% |
| 148    | 9.891  | 9.857  | 9.931  | VV | 15700   | 427547   | 0.40%  | 0.157% |
| 149    | 9.940  | 9.931  | 9.972  | VV | 7090    | 155247   | 0.15%  | 0.057% |
| 150    | 9.996  | 9.972  | 10.011 | VV | 10730   | 196098   | 0.18%  | 0.072% |
| 151    | 10.026 | 10.011 | 10.043 | VV | 9546    | 173306   | 0.16%  | 0.064% |
| 152    | 10.065 | 10.043 | 10.091 | VV | 14491   | 325324   | 0.31%  | 0.119% |
| 153    | 10.112 | 10.091 | 10.160 | VV | 89309   | 1193977  | 1.12%  | 0.438% |
| 154    | 10.188 | 10.160 | 10.208 | VV | 8475    | 218384   | 0.21%  | 0.080% |
| 155    | 10.214 | 10.208 | 10.257 | VV | 8029    | 181016   | 0.17%  | 0.066% |
| 156    | 10.286 | 10.257 | 10.314 | VV | 8010    | 199967   | 0.19%  | 0.073% |
| 157    | 10.324 | 10.314 | 10.334 | VV | 5694    | 66202    | 0.06%  | 0.024% |
| 158    | 10.346 | 10.334 | 10.368 | VV | 5315    | 101528   | 0.10%  | 0.037% |
| 159    | 10.386 | 10.368 | 10.405 | VV | 6240    | 119256   | 0.11%  | 0.044% |
| 160    | 10.457 | 10.405 | 10.472 | VV | 13271   | 304376   | 0.29%  | 0.112% |
| 161    | 10.500 | 10.472 | 10.529 | VV | 34444   | 616374   | 0.58%  | 0.226% |
| 162    | 10.551 | 10.529 | 10.570 | VV | 12235   | 221383   | 0.21%  | 0.081% |
| 163    | 10.590 | 10.570 | 10.613 | VV | 14618   | 262741   | 0.25%  | 0.096% |
| 164    | 10.643 | 10.613 | 10.676 | VV | 15716   | 329945   | 0.31%  | 0.121% |
| 165    | 10.707 | 10.676 | 10.731 | VV | 5620    | 172203   | 0.16%  | 0.063% |
| 166    | 10.780 | 10.731 | 10.811 | VV | 7474    | 314030   | 0.30%  | 0.115% |
| 167    | 10.851 | 10.811 | 10.884 | VV | 84171   | 1150345  | 1.08%  | 0.422% |
| 168    | 10.922 | 10.884 | 10.953 | VV | 35241   | 778986   | 0.73%  | 0.286% |
| 169    | 10.968 | 10.953 | 11.004 | VV | 8126    | 190569   | 0.18%  | 0.070% |
| 170    | 11.067 | 11.004 | 11.081 | VV | 5708    | 212717   | 0.20%  | 0.078% |
| 171    | 11.119 | 11.081 | 11.150 | VV | 15102   | 353647   | 0.33%  | 0.130% |
| 172    | 11.172 | 11.150 | 11.211 | VV | 11028   | 335522   | 0.32%  | 0.123% |
| 173    | 11.241 | 11.211 | 11.285 | VV | 13319   | 392438   | 0.37%  | 0.144% |
| 174    | 11.306 | 11.285 | 11.340 | VV | 10694   | 215007   | 0.20%  | 0.079% |
| 175    | 11.358 | 11.340 | 11.388 | VV | 9445    | 165779   | 0.16%  | 0.061% |
| 176    | 11.405 | 11.388 | 11.441 | VV | 5980    | 148561   | 0.14%  | 0.055% |
| 177    | 11.479 | 11.441 | 11.498 | VV | 6150    | 164536   | 0.16%  | 0.060% |
| 178    | 11.507 | 11.498 | 11.528 | VV | 5564    | 91497    | 0.09%  | 0.034% |
| 179    | 11.554 | 11.528 | 11.588 | VV | 69830   | 906212   | 0.85%  | 0.333% |
| 180    | 11.605 | 11.588 | 11.619 | VV | 7431    | 122797   | 0.12%  | 0.045% |
| 181    | 11.644 | 11.619 | 11.692 | VV | 26672   | 487293   | 0.46%  | 0.179% |
| 182    | 11.710 | 11.692 | 11.731 | VV | 4195    | 79143    | 0.07%  | 0.029% |
| 183    | 11.754 | 11.731 | 11.770 | VV | 3801    | 76299    | 0.07%  | 0.028% |
| 184    | 11.801 | 11.770 | 11.824 | VV | 4828    | 131287   | 0.12%  | 0.048% |
| 185    | 11.870 | 11.824 | 11.898 | VV | 142518  | 1725079  | 1.63%  | 0.633% |
| 186    | 11.918 | 11.898 | 11.932 | VV | 8427    | 148186   | 0.14%  | 0.054% |
| 187    | 11.952 | 11.932 | 11.974 | VV | 13164   | 229435   | 0.22%  | 0.084% |
| 188    | 11.988 | 11.974 | 12.014 | VV | 8239    | 139704   | 0.13%  | 0.051% |
| 189    | 12.037 | 12.014 | 12.058 | VV | 9975    | 171159   | 0.16%  | 0.063% |
| 190    | 12.070 | 12.058 | 12.085 | VV | 5593    | 85854    | 0.08%  | 0.032% |
| 191    | 12.114 | 12.085 | 12.148 | VV | 20305   | 347639   | 0.33%  | 0.128% |
| 192    | 12.159 | 12.148 | 12.171 | VV | 3699    | 51047    | 0.05%  | 0.019% |
| 193    | 12.225 | 12.171 | 12.249 | VV | 54562   | 840426   | 0.79%  | 0.309% |
| 194    | 12.286 | 12.249 | 12.396 | VV | 1439995 | 16922016 | 15.94% | 6.213% |

|     |        |        |        |    |         |           |         |         |
|-----|--------|--------|--------|----|---------|-----------|---------|---------|
|     |        |        |        |    | rteres  |           |         |         |
| 195 | 12.426 | 12.396 | 12.439 | VV | 4093    | 74784     | 0.07%   | 0.027%  |
| 196 | 12.455 | 12.439 | 12.470 | VV | 4520    | 73326     | 0.07%   | 0.027%  |
| 197 | 12.495 | 12.470 | 12.522 | VV | 7762    | 181181    | 0.17%   | 0.067%  |
| 198 | 12.552 | 12.522 | 12.579 | VV | 9778    | 195698    | 0.18%   | 0.072%  |
| 199 | 12.607 | 12.579 | 12.621 | VV | 5824    | 113985    | 0.11%   | 0.042%  |
| 200 | 12.636 | 12.621 | 12.664 | VV | 6594    | 113377    | 0.11%   | 0.042%  |
| 201 | 12.711 | 12.664 | 12.730 | VV | 11878   | 255043    | 0.24%   | 0.094%  |
| 202 | 12.745 | 12.730 | 12.768 | VV | 10198   | 142824    | 0.13%   | 0.052%  |
| 203 | 12.787 | 12.768 | 12.804 | VV | 3402    | 62204     | 0.06%   | 0.023%  |
| 204 | 12.822 | 12.804 | 12.838 | VV | 6459    | 97182     | 0.09%   | 0.036%  |
| 205 | 12.864 | 12.838 | 12.901 | VV | 48232   | 654996    | 0.62%   | 0.240%  |
| 206 | 12.920 | 12.901 | 12.998 | VV | 15566   | 395833    | 0.37%   | 0.145%  |
| 207 | 13.010 | 12.998 | 13.029 | VV | 1768    | 23947     | 0.02%   | 0.009%  |
| 208 | 13.041 | 13.029 | 13.054 | VV | 940     | 12131     | 0.01%   | 0.004%  |
| 209 | 13.059 | 13.054 | 13.074 | VV | 877     | 8861      | 0.01%   | 0.003%  |
| 210 | 13.085 | 13.074 | 13.098 | VV | 837     | 10662     | 0.01%   | 0.004%  |
| 211 | 13.124 | 13.098 | 13.176 | VV | 4293    | 122529    | 0.12%   | 0.045%  |
| 212 | 13.191 | 13.176 | 13.211 | VV | 1855    | 25346     | 0.02%   | 0.009%  |
| 213 | 13.242 | 13.211 | 13.264 | PV | 11875   | 188280    | 0.18%   | 0.069%  |
| 214 | 13.335 | 13.264 | 13.359 | VV | 4674454 | 106143684 | 100.00% | 38.971% |
| 215 | 13.383 | 13.359 | 13.440 | VV | 2983110 | 40657757  | 38.30%  | 14.928% |
| 216 | 13.482 | 13.440 | 13.505 | VV | 34278   | 577093    | 0.54%   | 0.212%  |
| 217 | 13.539 | 13.505 | 13.569 | VV | 600981  | 7337990   | 6.91%   | 2.694%  |
| 218 | 13.578 | 13.569 | 13.668 | VV | 8482    | 290111    | 0.27%   | 0.107%  |
| 219 | 13.698 | 13.668 | 13.775 | VV | 8851    | 269356    | 0.25%   | 0.099%  |
| 220 | 13.788 | 13.775 | 13.805 | VV | 1955    | 30876     | 0.03%   | 0.011%  |
| 221 | 13.831 | 13.805 | 13.888 | VV | 13104   | 284280    | 0.27%   | 0.104%  |
| 222 | 13.904 | 13.888 | 13.923 | VV | 3456    | 52056     | 0.05%   | 0.019%  |
| 223 | 13.964 | 13.923 | 14.038 | VV | 5065    | 170701    | 0.16%   | 0.063%  |
| 224 | 14.065 | 14.038 | 14.091 | VV | 23417   | 328949    | 0.31%   | 0.121%  |
| 225 | 14.114 | 14.091 | 14.140 | VV | 9146    | 168573    | 0.16%   | 0.062%  |
| 226 | 14.179 | 14.140 | 14.254 | VV | 7121    | 196606    | 0.19%   | 0.072%  |
| 227 | 14.282 | 14.254 | 14.325 | VV | 8546    | 229459    | 0.22%   | 0.084%  |
| 228 | 14.353 | 14.325 | 14.433 | VV | 10570   | 393897    | 0.37%   | 0.145%  |
| 229 | 14.471 | 14.433 | 14.488 | VV | 9240    | 195712    | 0.18%   | 0.072%  |
| 230 | 14.518 | 14.488 | 14.541 | VV | 27102   | 428152    | 0.40%   | 0.157%  |
| 231 | 14.553 | 14.541 | 14.601 | VV | 7582    | 159707    | 0.15%   | 0.059%  |
| 232 | 14.627 | 14.601 | 14.657 | VV | 17208   | 259617    | 0.24%   | 0.095%  |
| 233 | 14.684 | 14.657 | 14.728 | VV | 48359   | 684305    | 0.64%   | 0.251%  |
| 234 | 14.751 | 14.728 | 14.787 | VV | 7072    | 142425    | 0.13%   | 0.052%  |
| 235 | 14.805 | 14.787 | 14.868 | VV | 4938    | 123150    | 0.12%   | 0.045%  |
| 236 | 14.877 | 14.868 | 14.901 | VV | 1013    | 13328     | 0.01%   | 0.005%  |
| 237 | 14.921 | 14.901 | 14.932 | VV | 614     | 7926      | 0.01%   | 0.003%  |
| 238 | 14.945 | 14.932 | 14.961 | VV | 671     | 6682      | 0.01%   | 0.002%  |
| 239 | 14.976 | 14.961 | 14.994 | VV | 1072    | 11241     | 0.01%   | 0.004%  |
| 240 | 15.021 | 14.994 | 15.041 | PV | 1074    | 13123     | 0.01%   | 0.005%  |
| 241 | 15.062 | 15.041 | 15.081 | VV | 691     | 9090      | 0.01%   | 0.003%  |
| 242 | 15.098 | 15.081 | 15.111 | VV | 1137    | 13594     | 0.01%   | 0.005%  |
| 243 | 15.168 | 15.111 | 15.202 | VV | 14215   | 277532    | 0.26%   | 0.102%  |
| 244 | 15.226 | 15.202 | 15.251 | VV | 4582    | 85757     | 0.08%   | 0.031%  |
| 245 | 15.265 | 15.251 | 15.334 | VV | 1892    | 64339     | 0.06%   | 0.024%  |
| 246 | 15.360 | 15.334 | 15.399 | VV | 1378    | 30306     | 0.03%   | 0.011%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 247 | 15.444 | 15.399 | 15.464 | PV | 705    | 18358  | 0.02% | 0.007% |
| 248 | 15.484 | 15.464 | 15.534 | VV | 1008   | 20894  | 0.02% | 0.008% |
| 249 | 15.567 | 15.534 | 15.623 | VV | 4371   | 123297 | 0.12% | 0.045% |
| 250 | 15.633 | 15.623 | 15.654 | VV | 750    | 8178   | 0.01% | 0.003% |
| 251 | 15.688 | 15.654 | 15.717 | PV | 6135   | 85710  | 0.08% | 0.031% |
| 252 | 15.748 | 15.717 | 15.788 | VV | 41816  | 543898 | 0.51% | 0.200% |
| 253 | 15.813 | 15.788 | 15.850 | VV | 2289   | 48204  | 0.05% | 0.018% |
| 254 | 15.865 | 15.850 | 15.888 | VV | 655    | 10052  | 0.01% | 0.004% |
| 255 | 15.909 | 15.888 | 15.921 | PV | 737    | 8031   | 0.01% | 0.003% |
| 256 | 15.948 | 15.921 | 15.965 | VV | 1253   | 17500  | 0.02% | 0.006% |
| 257 | 15.990 | 15.965 | 16.028 | VV | 991    | 25241  | 0.02% | 0.009% |
| 258 | 16.034 | 16.028 | 16.044 | VV | 190    | 1531   | 0.00% | 0.001% |
| 259 | 16.086 | 16.044 | 16.104 | PV | 780    | 13023  | 0.01% | 0.005% |
| 260 | 16.154 | 16.104 | 16.165 | VV | 879    | 23426  | 0.02% | 0.009% |
| 261 | 16.189 | 16.165 | 16.214 | VV | 5211   | 71497  | 0.07% | 0.026% |
| 262 | 16.251 | 16.214 | 16.298 | VV | 5780   | 96178  | 0.09% | 0.035% |
| 263 | 16.325 | 16.298 | 16.342 | VV | 719    | 10629  | 0.01% | 0.004% |
| 264 | 16.398 | 16.342 | 16.424 | PV | 1196   | 40385  | 0.04% | 0.015% |
| 265 | 16.498 | 16.424 | 16.534 | VV | 1255   | 34988  | 0.03% | 0.013% |
| 266 | 16.592 | 16.534 | 16.620 | VV | 1179   | 34961  | 0.03% | 0.013% |
| 267 | 16.633 | 16.620 | 16.648 | VV | 441    | 5098   | 0.00% | 0.002% |
| 268 | 16.676 | 16.648 | 16.710 | PV | 4606   | 105029 | 0.10% | 0.039% |
| 269 | 16.735 | 16.710 | 16.774 | VV | 15243  | 233282 | 0.22% | 0.086% |
| 270 | 16.833 | 16.774 | 16.848 | VV | 1855   | 53218  | 0.05% | 0.020% |
| 271 | 16.882 | 16.848 | 16.919 | VV | 1741   | 42656  | 0.04% | 0.016% |
| 272 | 16.969 | 16.919 | 16.995 | PV | 1509   | 36894  | 0.03% | 0.014% |
| 273 | 17.020 | 16.995 | 17.060 | VV | 3469   | 60969  | 0.06% | 0.022% |
| 274 | 17.089 | 17.060 | 17.114 | PV | 2720   | 55072  | 0.05% | 0.020% |
| 275 | 17.142 | 17.114 | 17.168 | VV | 4663   | 98849  | 0.09% | 0.036% |
| 276 | 17.194 | 17.168 | 17.254 | VV | 3802   | 86345  | 0.08% | 0.032% |
| 277 | 17.383 | 17.254 | 17.401 | PV | 2094   | 65063  | 0.06% | 0.024% |
| 278 | 17.454 | 17.401 | 17.493 | PV | 3007   | 61695  | 0.06% | 0.023% |
| 279 | 17.555 | 17.493 | 17.571 | VV | 1736   | 46559  | 0.04% | 0.017% |
| 280 | 17.594 | 17.571 | 17.614 | VV | 3872   | 59247  | 0.06% | 0.022% |
| 281 | 17.656 | 17.614 | 17.674 | VV | 2092   | 60560  | 0.06% | 0.022% |
| 282 | 17.700 | 17.674 | 17.727 | VV | 1987   | 33232  | 0.03% | 0.012% |
| 283 | 17.873 | 17.727 | 17.896 | VV | 1444   | 83379  | 0.08% | 0.031% |
| 284 | 18.029 | 17.896 | 18.054 | PV | 6073   | 186513 | 0.18% | 0.068% |
| 285 | 18.102 | 18.054 | 18.132 | VV | 5042   | 90678  | 0.09% | 0.033% |
| 286 | 18.171 | 18.132 | 18.249 | VV | 8999   | 202771 | 0.19% | 0.074% |
| 287 | 18.303 | 18.249 | 18.324 | VV | 1557   | 32649  | 0.03% | 0.012% |
| 288 | 18.372 | 18.324 | 18.384 | VV | 2017   | 58430  | 0.06% | 0.021% |
| 289 | 18.409 | 18.384 | 18.430 | VV | 3453   | 58321  | 0.05% | 0.021% |
| 290 | 18.456 | 18.430 | 18.491 | VV | 4865   | 88637  | 0.08% | 0.033% |
| 291 | 18.539 | 18.491 | 18.558 | VV | 5917   | 94445  | 0.09% | 0.035% |
| 292 | 18.574 | 18.558 | 18.589 | VV | 1625   | 23664  | 0.02% | 0.009% |
| 293 | 18.619 | 18.589 | 18.644 | VV | 1706   | 29780  | 0.03% | 0.011% |
| 294 | 18.723 | 18.644 | 18.764 | VV | 4012   | 131407 | 0.12% | 0.048% |
| 295 | 18.771 | 18.764 | 18.781 | VV | 1535   | 9421   | 0.01% | 0.003% |
| 296 | 18.863 | 18.781 | 18.900 | PV | 9743   | 238497 | 0.22% | 0.088% |
| 297 | 18.963 | 18.900 | 18.978 | VV | 7623   | 161024 | 0.15% | 0.059% |
| 298 | 19.008 | 18.978 | 19.061 | VV | 8489   | 241420 | 0.23% | 0.089% |
| 299 | 19.070 | 19.061 | 19.081 | VV | 1651   | 14756  | 0.01% | 0.005% |

|                         |        |        |        |    |           |         |       |        |
|-------------------------|--------|--------|--------|----|-----------|---------|-------|--------|
|                         |        |        |        |    | rteres    |         |       |        |
| 300                     | 19.165 | 19.081 | 19.188 | VV | 1059      | 58668   | 0.06% | 0.022% |
| 301                     | 19.233 | 19.188 | 19.251 | PV | 11375     | 210925  | 0.20% | 0.077% |
| 302                     | 19.261 | 19.251 | 19.277 | VV | 8187      | 116719  | 0.11% | 0.043% |
| 303                     | 19.295 | 19.277 | 19.321 | VV | 8498      | 175388  | 0.17% | 0.064% |
| 304                     | 19.368 | 19.321 | 19.386 | VV | 8564      | 268829  | 0.25% | 0.099% |
| 305                     | 19.438 | 19.386 | 19.458 | VV | 8009      | 320915  | 0.30% | 0.118% |
| 306                     | 19.524 | 19.458 | 19.543 | VV | 7079      | 335938  | 0.32% | 0.123% |
| 307                     | 19.653 | 19.543 | 19.694 | VV | 11531     | 765859  | 0.72% | 0.281% |
| 308                     | 19.709 | 19.694 | 19.729 | VV | 9447      | 182057  | 0.17% | 0.067% |
| 309                     | 19.775 | 19.729 | 19.786 | VV | 12561     | 364606  | 0.34% | 0.134% |
| 310                     | 19.904 | 19.786 | 19.916 | VV | 17812     | 1099695 | 1.04% | 0.404% |
| 311                     | 19.952 | 19.916 | 19.964 | VV | 18385     | 502376  | 0.47% | 0.184% |
| 312                     | 20.029 | 19.964 | 20.048 | VV | 26447     | 1108841 | 1.04% | 0.407% |
| 313                     | 20.197 | 20.048 | 20.208 | VV | 27098     | 2533875 | 2.39% | 0.930% |
| 314                     | 20.303 | 20.208 | 20.313 | VV | 38937     | 1996330 | 1.88% | 0.733% |
| 315                     | 20.392 | 20.313 | 20.434 | VV | 43574     | 2899724 | 2.73% | 1.065% |
| 316                     | 20.455 | 20.434 | 20.475 | VV | 40595     | 927482  | 0.87% | 0.341% |
| 317                     | 20.626 | 20.475 | 20.644 | VV | 49370     | 4371338 | 4.12% | 1.605% |
| 318                     | 20.684 | 20.644 | 20.701 | VV | 51187     | 1715446 | 1.62% | 0.630% |
| 319                     | 20.714 | 20.701 | 20.724 | VV | 51203     | 701694  | 0.66% | 0.258% |
| 320                     | 20.757 | 20.724 | 20.841 | VV | 55701     | 3541538 | 3.34% | 1.300% |
| 321                     | 20.852 | 20.841 | 20.865 | VV | 48719     | 688614  | 0.65% | 0.253% |
| 322                     | 20.910 | 20.865 | 20.997 | VV | 51900     | 3795861 | 3.58% | 1.394% |
| 323                     | 21.167 | 20.997 | 21.176 | VV | 46754     | 4410556 | 4.16% | 1.619% |
| 324                     | 21.220 | 21.176 | 21.308 | VV | 51089     | 3541963 | 3.34% | 1.300% |
| 325                     | 21.388 | 21.308 | 21.413 | VV | 33900     | 2038885 | 1.92% | 0.749% |
| 326                     | 21.537 | 21.413 | 21.601 | VV | 34156     | 3434248 | 3.24% | 1.261% |
| 327                     | 21.630 | 21.601 | 21.641 | VV | 23979     | 561794  | 0.53% | 0.206% |
| 328                     | 21.649 | 21.641 | 21.664 | VV | 24218     | 318231  | 0.30% | 0.117% |
| 329                     | 21.678 | 21.664 | 21.700 | VV | 22641     | 481025  | 0.45% | 0.177% |
| 330                     | 21.770 | 21.700 | 21.866 | VV | 25178     | 1982968 | 1.87% | 0.728% |
| 331                     | 21.879 | 21.866 | 21.898 | VV | 10227     | 178901  | 0.17% | 0.066% |
| 332                     | 21.962 | 21.898 | 21.970 | VV | 11673     | 452540  | 0.43% | 0.166% |
| 333                     | 21.986 | 21.970 | 21.994 | VV | 11496     | 161279  | 0.15% | 0.059% |
| 334                     | 22.009 | 21.994 | 22.101 | VV | 11696     | 342643  | 0.32% | 0.126% |
| Sum of corrected areas: |        |        |        |    | 272365127 |         |       |        |

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