

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112922AL\  
 Data File : FE039007.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Nov 2022 19:15  
 Sample : N5796-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 111922.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.816       | 3.758        | 3.904      | VV       | 2777           | 47104        | 0.88%          | 0.043%        |
| 2         | 3.932       | 3.904        | 3.991      | VV       | 1992           | 27889        | 0.52%          | 0.025%        |
| 3         | 4.021       | 3.991        | 4.042      | VV       | 670            | 10376        | 0.19%          | 0.009%        |
| 4         | 4.052       | 4.042        | 4.066      | VV       | 289            | 3000         | 0.06%          | 0.003%        |
| 5         | 4.085       | 4.066        | 4.110      | VV       | 275            | 5624         | 0.10%          | 0.005%        |
| 6         | 4.133       | 4.110        | 4.146      | VV       | 450            | 6741         | 0.13%          | 0.006%        |
| 7         | 4.176       | 4.146        | 4.224      | VV       | 1174           | 22163        | 0.41%          | 0.020%        |
| 8         | 4.231       | 4.224        | 4.241      | VV       | 295            | 2745         | 0.05%          | 0.002%        |
| 9         | 4.248       | 4.241        | 4.284      | VV       | 275            | 6043         | 0.11%          | 0.005%        |
| 10        | 4.337       | 4.284        | 4.466      | VV       | 961            | 45784        | 0.85%          | 0.042%        |
| 11        | 4.484       | 4.466        | 4.515      | VV       | 323            | 7416         | 0.14%          | 0.007%        |
| 12        | 4.534       | 4.515        | 4.573      | VV       | 330            | 9536         | 0.18%          | 0.009%        |
| 13        | 4.596       | 4.573        | 4.628      | VV       | 377            | 9239         | 0.17%          | 0.008%        |
| 14        | 4.643       | 4.628        | 4.661      | VV       | 324            | 5819         | 0.11%          | 0.005%        |
| 15        | 4.680       | 4.661        | 4.704      | VV       | 398            | 8692         | 0.16%          | 0.008%        |
| 16        | 4.715       | 4.704        | 4.738      | VV       | 376            | 5860         | 0.11%          | 0.005%        |
| 17        | 4.763       | 4.738        | 4.791      | VV       | 1000           | 15998        | 0.30%          | 0.015%        |
| 18        | 4.819       | 4.791        | 4.865      | VV       | 452            | 14369        | 0.27%          | 0.013%        |
| 19        | 4.877       | 4.865        | 4.915      | VV       | 353            | 8762         | 0.16%          | 0.008%        |
| 20        | 4.923       | 4.915        | 4.948      | VV       | 279            | 5190         | 0.10%          | 0.005%        |
| 21        | 4.963       | 4.948        | 4.974      | VV       | 384            | 5309         | 0.10%          | 0.005%        |
| 22        | 4.981       | 4.974        | 5.091      | VV       | 333            | 17975        | 0.34%          | 0.016%        |
| 23        | 5.101       | 5.091        | 5.155      | VV       | 307            | 9176         | 0.17%          | 0.008%        |
| 24        | 5.166       | 5.155        | 5.198      | VV       | 294            | 5692         | 0.11%          | 0.005%        |
| 25        | 5.203       | 5.198        | 5.221      | VV       | 192            | 2817         | 0.05%          | 0.003%        |
| 26        | 5.253       | 5.221        | 5.266      | VV       | 311            | 6449         | 0.12%          | 0.006%        |
| 27        | 5.291       | 5.266        | 5.331      | VV       | 400            | 10773        | 0.20%          | 0.010%        |
| 28        | 5.357       | 5.331        | 5.376      | VV       | 310            | 6085         | 0.11%          | 0.006%        |
| 29        | 5.413       | 5.376        | 5.451      | VV       | 288            | 9307         | 0.17%          | 0.008%        |
| 30        | 5.484       | 5.451        | 5.514      | VV       | 266            | 7685         | 0.14%          | 0.007%        |
| 31        | 5.535       | 5.514        | 5.584      | VV       | 609            | 12451        | 0.23%          | 0.011%        |
| 32        | 5.606       | 5.584        | 5.644      | VV       | 272            | 6991         | 0.13%          | 0.006%        |
| 33        | 5.668       | 5.644        | 5.684      | VV       | 220            | 4290         | 0.08%          | 0.004%        |
| 34        | 5.725       | 5.684        | 5.761      | VV       | 261            | 8741         | 0.16%          | 0.008%        |
| 35        | 5.789       | 5.761        | 5.818      | VV       | 1216           | 16242        | 0.30%          | 0.015%        |
| 36        | 5.844       | 5.818        | 5.856      | VV       | 305            | 5171         | 0.10%          | 0.005%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.917 | 5.856 | 5.953 | VV | 253    | 11408 | 0.21% | 0.010% |
| 38 | 5.966 | 5.953 | 6.020 | VV | 198    | 5994  | 0.11% | 0.005% |
| 39 | 6.032 | 6.020 | 6.080 | VV | 242    | 6232  | 0.12% | 0.006% |
| 40 | 6.091 | 6.080 | 6.198 | VV | 266    | 11364 | 0.21% | 0.010% |
|    |       |       |       |    |        |       |       |        |
| 41 | 6.211 | 6.198 | 6.223 | VV | 140    | 1757  | 0.03% | 0.002% |
| 42 | 6.232 | 6.223 | 6.241 | VV | 93     | 926   | 0.02% | 0.001% |
| 43 | 6.299 | 6.241 | 6.359 | VV | 1537   | 26628 | 0.50% | 0.024% |
| 44 | 6.379 | 6.359 | 6.427 | VV | 462    | 10140 | 0.19% | 0.009% |
| 45 | 6.471 | 6.427 | 6.531 | VV | 554    | 14218 | 0.27% | 0.013% |
|    |       |       |       |    |        |       |       |        |
| 46 | 6.542 | 6.531 | 6.548 | VV | 212    | 1880  | 0.04% | 0.002% |
| 47 | 6.556 | 6.548 | 6.576 | VV | 214    | 2989  | 0.06% | 0.003% |
| 48 | 6.596 | 6.576 | 6.631 | VV | 463    | 8180  | 0.15% | 0.007% |
| 49 | 6.646 | 6.631 | 6.694 | VV | 204    | 5413  | 0.10% | 0.005% |
| 50 | 6.707 | 6.694 | 6.738 | VV | 127    | 2999  | 0.06% | 0.003% |
|    |       |       |       |    |        |       |       |        |
| 51 | 6.760 | 6.738 | 6.792 | VV | 252    | 4235  | 0.08% | 0.004% |
| 52 | 6.807 | 6.792 | 6.823 | VV | 127    | 2058  | 0.04% | 0.002% |
| 53 | 6.846 | 6.823 | 6.898 | VV | 170    | 5219  | 0.10% | 0.005% |
| 54 | 6.908 | 6.898 | 6.948 | VV | 192    | 3468  | 0.06% | 0.003% |
| 55 | 6.986 | 6.948 | 7.001 | VV | 146    | 3208  | 0.06% | 0.003% |
|    |       |       |       |    |        |       |       |        |
| 56 | 7.016 | 7.001 | 7.034 | VV | 156    | 1714  | 0.03% | 0.002% |
| 57 | 7.044 | 7.034 | 7.074 | VV | 200    | 2585  | 0.05% | 0.002% |
| 58 | 7.088 | 7.074 | 7.131 | VV | 122    | 3626  | 0.07% | 0.003% |
| 59 | 7.138 | 7.131 | 7.154 | VV | 107    | 1344  | 0.03% | 0.001% |
| 60 | 7.163 | 7.154 | 7.204 | VV | 188    | 3274  | 0.06% | 0.003% |
|    |       |       |       |    |        |       |       |        |
| 61 | 7.212 | 7.204 | 7.217 | VV | 157    | 1066  | 0.02% | 0.001% |
| 62 | 7.235 | 7.217 | 7.280 | VV | 585    | 12410 | 0.23% | 0.011% |
| 63 | 7.295 | 7.280 | 7.312 | VV | 227    | 3455  | 0.06% | 0.003% |
| 64 | 7.320 | 7.312 | 7.353 | VV | 275    | 3892  | 0.07% | 0.004% |
| 65 | 7.392 | 7.353 | 7.410 | VV | 457    | 8397  | 0.16% | 0.008% |
|    |       |       |       |    |        |       |       |        |
| 66 | 7.427 | 7.410 | 7.459 | VV | 605    | 8453  | 0.16% | 0.008% |
| 67 | 7.476 | 7.459 | 7.513 | VV | 226    | 4510  | 0.08% | 0.004% |
| 68 | 7.530 | 7.513 | 7.550 | VV | 487    | 5866  | 0.11% | 0.005% |
| 69 | 7.573 | 7.550 | 7.601 | VV | 311    | 5795  | 0.11% | 0.005% |
| 70 | 7.605 | 7.601 | 7.632 | VV | 294    | 3214  | 0.06% | 0.003% |
|    |       |       |       |    |        |       |       |        |
| 71 | 7.654 | 7.632 | 7.668 | VV | 238    | 3613  | 0.07% | 0.003% |
| 72 | 7.703 | 7.668 | 7.746 | VV | 749    | 12691 | 0.24% | 0.012% |
| 73 | 7.765 | 7.746 | 7.817 | VV | 238    | 4819  | 0.09% | 0.004% |
| 74 | 7.830 | 7.817 | 7.911 | VV | 210    | 5451  | 0.10% | 0.005% |
| 75 | 7.926 | 7.911 | 7.941 | PV | 125    | 1326  | 0.02% | 0.001% |
|    |       |       |       |    |        |       |       |        |
| 76 | 7.966 | 7.941 | 7.973 | PV | 121    | 1546  | 0.03% | 0.001% |
| 77 | 8.116 | 8.098 | 8.148 | VV | 876    | 22533 | 0.42% | 0.020% |
| 78 | 8.159 | 8.148 | 8.224 | VV | 838    | 19681 | 0.37% | 0.018% |
| 79 | 8.230 | 8.224 | 8.251 | VV | 306    | 3654  | 0.07% | 0.003% |
| 80 | 8.279 | 8.251 | 8.303 | VV | 353    | 7584  | 0.14% | 0.007% |
|    |       |       |       |    |        |       |       |        |
| 81 | 8.329 | 8.303 | 8.368 | VV | 340    | 8564  | 0.16% | 0.008% |
| 82 | 8.404 | 8.368 | 8.450 | VV | 484    | 12835 | 0.24% | 0.012% |
| 83 | 8.481 | 8.450 | 8.490 | VV | 409    | 7592  | 0.14% | 0.007% |
| 84 | 8.508 | 8.490 | 8.526 | VV | 794    | 11651 | 0.22% | 0.011% |
| 85 | 8.539 | 8.526 | 8.548 | VV | 440    | 5567  | 0.10% | 0.005% |
|    |       |       |       |    |        |       |       |        |
| 86 | 8.583 | 8.548 | 8.638 | VV | 1268   | 26223 | 0.49% | 0.024% |
| 87 | 8.693 | 8.638 | 8.767 | VV | 1630   | 32055 | 0.60% | 0.029% |
| 88 | 8.784 | 8.767 | 8.804 | VV | 249    | 2844  | 0.05% | 0.003% |
| 89 | 8.815 | 8.804 | 8.852 | VV | 114    | 1757  | 0.03% | 0.002% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 9.025  | 9.007  | 9.100  | VV | 735    | 31433 | 0.59% | 0.029% |
| 91  | 9.116  | 9.100  | 9.161  | VV | 552    | 11445 | 0.21% | 0.010% |
| 92  | 9.183  | 9.161  | 9.197  | VV | 196    | 4230  | 0.08% | 0.004% |
| 93  | 9.212  | 9.197  | 9.254  | VV | 389    | 7470  | 0.14% | 0.007% |
| 94  | 9.266  | 9.254  | 9.278  | VV | 242    | 2474  | 0.05% | 0.002% |
| 95  | 9.319  | 9.278  | 9.377  | VV | 872    | 21835 | 0.41% | 0.020% |
| 96  | 9.408  | 9.377  | 9.431  | VV | 963    | 15711 | 0.29% | 0.014% |
| 97  | 9.444  | 9.431  | 9.484  | VV | 439    | 7546  | 0.14% | 0.007% |
| 98  | 9.504  | 9.484  | 9.534  | VV | 217    | 3334  | 0.06% | 0.003% |
| 99  | 9.559  | 9.534  | 9.577  | VV | 413    | 4971  | 0.09% | 0.005% |
| 100 | 9.592  | 9.577  | 9.617  | VV | 320    | 3499  | 0.07% | 0.003% |
| 101 | 9.646  | 9.617  | 9.677  | PV | 286    | 5355  | 0.10% | 0.005% |
| 102 | 9.696  | 9.677  | 9.718  | VV | 309    | 4112  | 0.08% | 0.004% |
| 103 | 9.733  | 9.718  | 9.761  | VV | 900    | 11983 | 0.22% | 0.011% |
| 104 | 9.785  | 9.761  | 9.828  | VV | 702    | 16674 | 0.31% | 0.015% |
| 105 | 9.857  | 9.828  | 9.891  | VV | 399    | 9901  | 0.18% | 0.009% |
| 106 | 9.922  | 9.891  | 9.951  | VV | 321    | 6694  | 0.12% | 0.006% |
| 107 | 9.963  | 9.951  | 10.005 | VV | 245    | 4900  | 0.09% | 0.004% |
| 108 | 10.026 | 10.005 | 10.035 | VV | 316    | 4157  | 0.08% | 0.004% |
| 109 | 10.059 | 10.035 | 10.082 | VV | 1040   | 14797 | 0.28% | 0.013% |
| 110 | 10.108 | 10.082 | 10.160 | VV | 542    | 14747 | 0.28% | 0.013% |
| 111 | 10.189 | 10.160 | 10.240 | VV | 981    | 18278 | 0.34% | 0.017% |
| 112 | 10.269 | 10.240 | 10.280 | PV | 166    | 2654  | 0.05% | 0.002% |
| 113 | 10.290 | 10.280 | 10.321 | VV | 190    | 3171  | 0.06% | 0.003% |
| 114 | 10.358 | 10.321 | 10.381 | VV | 156    | 2882  | 0.05% | 0.003% |
| 115 | 10.400 | 10.381 | 10.419 | PV | 102    | 1489  | 0.03% | 0.001% |
| 116 | 10.439 | 10.419 | 10.463 | PV | 94     | 1447  | 0.03% | 0.001% |
| 117 | 10.479 | 10.463 | 10.507 | VV | 147    | 2599  | 0.05% | 0.002% |
| 118 | 10.525 | 10.507 | 10.554 | VV | 378    | 5366  | 0.10% | 0.005% |
| 119 | 10.580 | 10.554 | 10.600 | VV | 333    | 5661  | 0.11% | 0.005% |
| 120 | 10.634 | 10.600 | 10.647 | VV | 422    | 8725  | 0.16% | 0.008% |
| 121 | 10.662 | 10.647 | 10.684 | VV | 613    | 8630  | 0.16% | 0.008% |
| 122 | 10.705 | 10.684 | 10.748 | VV | 439    | 8907  | 0.17% | 0.008% |
| 123 | 10.780 | 10.748 | 10.820 | VV | 438    | 10828 | 0.20% | 0.010% |
| 124 | 10.847 | 10.820 | 10.901 | VV | 599    | 17437 | 0.33% | 0.016% |
| 125 | 10.927 | 10.901 | 10.965 | VV | 945    | 18002 | 0.34% | 0.016% |
| 126 | 10.991 | 10.965 | 11.012 | VV | 582    | 10852 | 0.20% | 0.010% |
| 127 | 11.027 | 11.012 | 11.091 | VV | 406    | 11040 | 0.21% | 0.010% |
| 128 | 11.150 | 11.091 | 11.164 | VV | 378    | 7854  | 0.15% | 0.007% |
| 129 | 11.183 | 11.164 | 11.231 | VV | 4379   | 55927 | 1.04% | 0.051% |
| 130 | 11.259 | 11.231 | 11.298 | VV | 1807   | 25133 | 0.47% | 0.023% |
| 131 | 11.313 | 11.298 | 11.354 | VV | 209    | 4394  | 0.08% | 0.004% |
| 132 | 11.362 | 11.354 | 11.406 | VV | 137    | 2477  | 0.05% | 0.002% |
| 133 | 11.432 | 11.406 | 11.453 | PV | 73     | 1259  | 0.02% | 0.001% |
| 134 | 11.488 | 11.453 | 11.514 | VV | 334    | 6408  | 0.12% | 0.006% |
| 135 | 11.562 | 11.514 | 11.594 | VV | 1126   | 21036 | 0.39% | 0.019% |
| 136 | 11.632 | 11.594 | 11.664 | VV | 1369   | 24304 | 0.45% | 0.022% |
| 137 | 11.674 | 11.664 | 11.686 | VV | 383    | 4235  | 0.08% | 0.004% |
| 138 | 11.709 | 11.686 | 11.751 | VV | 1019   | 20750 | 0.39% | 0.019% |
| 139 | 11.789 | 11.751 | 11.807 | PV | 557    | 7637  | 0.14% | 0.007% |
| 140 | 11.836 | 11.807 | 11.858 | VV | 598    | 10535 | 0.20% | 0.010% |
| 141 | 11.880 | 11.858 | 11.911 | VV | 445    | 8190  | 0.15% | 0.007% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.952 | 11.911 | 12.002 | VV | 480737 | 5358057 | 100.00% | 4.870% |
| 143 | 12.018 | 12.002 | 12.057 | VV | 2571   | 35588   | 0.66%   | 0.032% |
| 144 | 12.086 | 12.057 | 12.117 | VV | 1460   | 32793   | 0.61%   | 0.030% |
| 145 | 12.135 | 12.117 | 12.150 | VV | 1974   | 24851   | 0.46%   | 0.023% |
| 146 | 12.167 | 12.150 | 12.214 | VV | 2179   | 27540   | 0.51%   | 0.025% |
| 147 | 12.238 | 12.214 | 12.264 | PV | 372    | 5973    | 0.11%   | 0.005% |
| 148 | 12.300 | 12.264 | 12.325 | VV | 855    | 14735   | 0.28%   | 0.013% |
| 149 | 12.350 | 12.325 | 12.371 | VV | 2653   | 32819   | 0.61%   | 0.030% |
| 150 | 12.389 | 12.371 | 12.433 | VV | 744    | 13068   | 0.24%   | 0.012% |
| 151 | 12.458 | 12.433 | 12.481 | VV | 625    | 8675    | 0.16%   | 0.008% |
| 152 | 12.487 | 12.481 | 12.500 | VV | 271    | 1892    | 0.04%   | 0.002% |
| 153 | 12.542 | 12.500 | 12.581 | VV | 8489   | 101410  | 1.89%   | 0.092% |
| 154 | 12.606 | 12.581 | 12.617 | VV | 321    | 5610    | 0.10%   | 0.005% |
| 155 | 12.634 | 12.617 | 12.648 | VV | 376    | 4698    | 0.09%   | 0.004% |
| 156 | 12.667 | 12.648 | 12.681 | PV | 375    | 5130    | 0.10%   | 0.005% |
| 157 | 12.686 | 12.681 | 12.694 | VV | 395    | 2452    | 0.05%   | 0.002% |
| 158 | 12.731 | 12.694 | 12.759 | VV | 594    | 14738   | 0.28%   | 0.013% |
| 159 | 12.776 | 12.759 | 12.818 | VV | 1159   | 21413   | 0.40%   | 0.019% |
| 160 | 12.837 | 12.818 | 12.860 | VV | 607    | 9038    | 0.17%   | 0.008% |
| 161 | 12.886 | 12.860 | 12.905 | VV | 3277   | 43051   | 0.80%   | 0.039% |
| 162 | 12.943 | 12.905 | 12.974 | VV | 1642   | 44389   | 0.83%   | 0.040% |
| 163 | 13.001 | 12.974 | 13.041 | VV | 7883   | 99199   | 1.85%   | 0.090% |
| 164 | 13.055 | 13.041 | 13.077 | VV | 239    | 2751    | 0.05%   | 0.003% |
| 165 | 13.098 | 13.077 | 13.114 | PV | 273    | 3502    | 0.07%   | 0.003% |
| 166 | 13.138 | 13.114 | 13.172 | VV | 779    | 13765   | 0.26%   | 0.013% |
| 167 | 13.191 | 13.172 | 13.227 | VV | 807    | 15865   | 0.30%   | 0.014% |
| 168 | 13.242 | 13.227 | 13.273 | VV | 452    | 7333    | 0.14%   | 0.007% |
| 169 | 13.300 | 13.273 | 13.328 | PV | 7471   | 87636   | 1.64%   | 0.080% |
| 170 | 13.338 | 13.328 | 13.343 | VV | 372    | 3197    | 0.06%   | 0.003% |
| 171 | 13.387 | 13.343 | 13.452 | VV | 339383 | 4073757 | 76.03%  | 3.702% |
| 172 | 13.494 | 13.452 | 13.525 | VV | 619    | 14835   | 0.28%   | 0.013% |
| 173 | 13.556 | 13.525 | 13.580 | PV | 860    | 19434   | 0.36%   | 0.018% |
| 174 | 13.592 | 13.580 | 13.614 | VV | 704    | 12740   | 0.24%   | 0.012% |
| 175 | 13.634 | 13.614 | 13.658 | VV | 1201   | 15777   | 0.29%   | 0.014% |
| 176 | 13.695 | 13.658 | 13.711 | PV | 642    | 9295    | 0.17%   | 0.008% |
| 177 | 13.724 | 13.711 | 13.738 | VV | 799    | 9260    | 0.17%   | 0.008% |
| 178 | 13.766 | 13.738 | 13.794 | VV | 987    | 22104   | 0.41%   | 0.020% |
| 179 | 13.820 | 13.794 | 13.840 | VV | 348    | 7334    | 0.14%   | 0.007% |
| 180 | 13.889 | 13.840 | 13.922 | VV | 2169   | 42777   | 0.80%   | 0.039% |
| 181 | 13.939 | 13.922 | 13.947 | PV | 249    | 3516    | 0.07%   | 0.003% |
| 182 | 13.961 | 13.947 | 13.971 | VV | 296    | 3604    | 0.07%   | 0.003% |
| 183 | 13.996 | 13.971 | 14.015 | VV | 893    | 12976   | 0.24%   | 0.012% |
| 184 | 14.038 | 14.015 | 14.063 | VV | 1905   | 27316   | 0.51%   | 0.025% |
| 185 | 14.087 | 14.063 | 14.107 | VV | 915    | 14876   | 0.28%   | 0.014% |
| 186 | 14.142 | 14.107 | 14.152 | VV | 2661   | 36789   | 0.69%   | 0.033% |
| 187 | 14.164 | 14.152 | 14.186 | VV | 3075   | 41154   | 0.77%   | 0.037% |
| 188 | 14.206 | 14.186 | 14.241 | VV | 1837   | 25062   | 0.47%   | 0.023% |
| 189 | 14.258 | 14.241 | 14.280 | VV | 272    | 3958    | 0.07%   | 0.004% |
| 190 | 14.292 | 14.280 | 14.313 | VV | 266    | 2502    | 0.05%   | 0.002% |
| 191 | 14.355 | 14.313 | 14.391 | VV | 426    | 10513   | 0.20%   | 0.010% |
| 192 | 14.417 | 14.391 | 14.435 | VV | 340    | 3505    | 0.07%   | 0.003% |
| 193 | 14.450 | 14.435 | 14.461 | PV | 211    | 2609    | 0.05%   | 0.002% |
| 194 | 14.502 | 14.461 | 14.514 | VV | 495    | 8295    | 0.15%   | 0.008% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 14.576 | 14.514 | 14.608 | VV | 1725   | 57250  | 1.07%  | 0.052% |
| 196 | 14.620 | 14.608 | 14.641 | VV | 1273   | 18700  | 0.35%  | 0.017% |
| 197 | 14.651 | 14.641 | 14.671 | VV | 922    | 10217  | 0.19%  | 0.009% |
| 198 | 14.703 | 14.671 | 14.715 | VV | 1555   | 22151  | 0.41%  | 0.020% |
| 199 | 14.726 | 14.715 | 14.747 | VV | 1163   | 18778  | 0.35%  | 0.017% |
| 200 | 14.766 | 14.747 | 14.782 | VV | 1193   | 18572  | 0.35%  | 0.017% |
| 201 | 14.802 | 14.782 | 14.818 | VV | 1171   | 19504  | 0.36%  | 0.018% |
| 202 | 14.828 | 14.818 | 14.845 | VV | 989    | 11360  | 0.21%  | 0.010% |
| 203 | 14.866 | 14.845 | 14.885 | VV | 1758   | 22126  | 0.41%  | 0.020% |
| 204 | 14.926 | 14.885 | 14.958 | VV | 802    | 16960  | 0.32%  | 0.015% |
| 205 | 14.991 | 14.958 | 15.010 | VV | 856    | 13634  | 0.25%  | 0.012% |
| 206 | 15.026 | 15.010 | 15.038 | VV | 662    | 6973   | 0.13%  | 0.006% |
| 207 | 15.052 | 15.038 | 15.081 | VV | 578    | 8863   | 0.17%  | 0.008% |
| 208 | 15.134 | 15.081 | 15.144 | PV | 683    | 14657  | 0.27%  | 0.013% |
| 209 | 15.177 | 15.144 | 15.197 | VV | 3469   | 55030  | 1.03%  | 0.050% |
| 210 | 15.218 | 15.197 | 15.259 | VV | 4080   | 71191  | 1.33%  | 0.065% |
| 211 | 15.284 | 15.259 | 15.299 | VV | 891    | 15186  | 0.28%  | 0.014% |
| 212 | 15.338 | 15.299 | 15.355 | VV | 1416   | 26324  | 0.49%  | 0.024% |
| 213 | 15.378 | 15.355 | 15.397 | VV | 1260   | 20799  | 0.39%  | 0.019% |
| 214 | 15.414 | 15.397 | 15.448 | VV | 542    | 10441  | 0.19%  | 0.009% |
| 215 | 15.488 | 15.448 | 15.513 | PV | 954    | 15342  | 0.29%  | 0.014% |
| 216 | 15.535 | 15.513 | 15.574 | VV | 606    | 16519  | 0.31%  | 0.015% |
| 217 | 15.641 | 15.574 | 15.738 | VV | 9442   | 305209 | 5.70%  | 0.277% |
| 218 | 15.762 | 15.738 | 15.791 | VV | 2276   | 43399  | 0.81%  | 0.039% |
| 219 | 15.838 | 15.791 | 15.870 | VV | 4675   | 107227 | 2.00%  | 0.097% |
| 220 | 15.887 | 15.870 | 15.924 | VV | 1843   | 40003  | 0.75%  | 0.036% |
| 221 | 16.015 | 15.924 | 16.051 | VV | 2256   | 103176 | 1.93%  | 0.094% |
| 222 | 16.059 | 16.051 | 16.064 | VV | 1115   | 8544   | 0.16%  | 0.008% |
| 223 | 16.092 | 16.064 | 16.114 | VV | 1503   | 37137  | 0.69%  | 0.034% |
| 224 | 16.180 | 16.114 | 16.197 | VV | 2292   | 91098  | 1.70%  | 0.083% |
| 225 | 16.221 | 16.197 | 16.233 | VV | 2351   | 47115  | 0.88%  | 0.043% |
| 226 | 16.265 | 16.233 | 16.303 | VV | 3492   | 116194 | 2.17%  | 0.106% |
| 227 | 16.324 | 16.303 | 16.344 | VV | 3009   | 64200  | 1.20%  | 0.058% |
| 228 | 16.366 | 16.344 | 16.394 | VV | 2672   | 73428  | 1.37%  | 0.067% |
| 229 | 16.450 | 16.394 | 16.494 | VV | 3749   | 181577 | 3.39%  | 0.165% |
| 230 | 16.557 | 16.494 | 16.584 | VV | 5853   | 225033 | 4.20%  | 0.205% |
| 231 | 16.596 | 16.584 | 16.631 | VV | 4415   | 112885 | 2.11%  | 0.103% |
| 232 | 16.655 | 16.631 | 16.691 | VV | 5944   | 172036 | 3.21%  | 0.156% |
| 233 | 16.738 | 16.691 | 16.797 | VV | 8863   | 354497 | 6.62%  | 0.322% |
| 234 | 16.823 | 16.797 | 16.847 | VV | 7674   | 179613 | 3.35%  | 0.163% |
| 235 | 16.870 | 16.847 | 16.929 | VV | 10856  | 355838 | 6.64%  | 0.323% |
| 236 | 16.961 | 16.929 | 16.988 | VV | 5988   | 191020 | 3.57%  | 0.174% |
| 237 | 17.055 | 16.988 | 17.083 | VV | 8695   | 374266 | 6.99%  | 0.340% |
| 238 | 17.113 | 17.083 | 17.147 | VV | 9186   | 272058 | 5.08%  | 0.247% |
| 239 | 17.212 | 17.147 | 17.224 | VV | 10814  | 381289 | 7.12%  | 0.347% |
| 240 | 17.255 | 17.224 | 17.298 | VV | 12137  | 450455 | 8.41%  | 0.409% |
| 241 | 17.323 | 17.298 | 17.334 | VV | 8663   | 182531 | 3.41%  | 0.166% |
| 242 | 17.365 | 17.334 | 17.375 | VV | 8948   | 208207 | 3.89%  | 0.189% |
| 243 | 17.446 | 17.375 | 17.495 | VV | 10818  | 724406 | 13.52% | 0.658% |
| 244 | 17.537 | 17.495 | 17.573 | VV | 11628  | 504996 | 9.42%  | 0.459% |
| 245 | 17.606 | 17.573 | 17.619 | VV | 13011  | 323464 | 6.04%  | 0.294% |
| 246 | 17.657 | 17.619 | 17.681 | VV | 13499  | 473784 | 8.84%  | 0.431% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 17.701 | 17.681 | 17.717 | VV | 13569 | 270312  | 5.04%  | 0.246% |
| 248    | 17.735 | 17.717 | 17.757 | VV | 13929 | 306181  | 5.71%  | 0.278% |
| 249    | 17.779 | 17.757 | 17.814 | VV | 14213 | 438215  | 8.18%  | 0.398% |
| 250    | 17.837 | 17.814 | 17.860 | VV | 14478 | 353716  | 6.60%  | 0.321% |
|        |        |        |        |    |       |         |        |        |
| 251    | 17.872 | 17.860 | 17.898 | VV | 12829 | 274648  | 5.13%  | 0.250% |
| 252    | 17.907 | 17.898 | 17.918 | VV | 12132 | 143565  | 2.68%  | 0.130% |
| 253    | 17.953 | 17.918 | 17.968 | VV | 12862 | 371495  | 6.93%  | 0.338% |
| 254    | 18.005 | 17.968 | 18.038 | VV | 16377 | 600480  | 11.21% | 0.546% |
| 255    | 18.098 | 18.038 | 18.163 | VV | 22269 | 1257906 | 23.48% | 1.143% |
|        |        |        |        |    |       |         |        |        |
| 256    | 18.191 | 18.163 | 18.201 | VV | 15740 | 348441  | 6.50%  | 0.317% |
| 257    | 18.253 | 18.201 | 18.316 | VV | 21081 | 1230967 | 22.97% | 1.119% |
| 258    | 18.340 | 18.316 | 18.359 | VV | 17155 | 431911  | 8.06%  | 0.393% |
| 259    | 18.422 | 18.359 | 18.448 | VV | 19741 | 944070  | 17.62% | 0.858% |
| 260    | 18.483 | 18.448 | 18.504 | VV | 24833 | 729260  | 13.61% | 0.663% |
|        |        |        |        |    |       |         |        |        |
| 261    | 18.521 | 18.504 | 18.544 | VV | 21754 | 489666  | 9.14%  | 0.445% |
| 262    | 18.616 | 18.544 | 18.640 | VV | 24214 | 1163487 | 21.71% | 1.057% |
| 263    | 18.650 | 18.640 | 18.668 | VV | 21017 | 346223  | 6.46%  | 0.315% |
| 264    | 18.679 | 18.668 | 18.698 | VV | 20522 | 361725  | 6.75%  | 0.329% |
| 265    | 18.736 | 18.698 | 18.759 | VV | 23468 | 778769  | 14.53% | 0.708% |
|        |        |        |        |    |       |         |        |        |
| 266    | 18.847 | 18.759 | 18.861 | VV | 21465 | 1275723 | 23.81% | 1.159% |
| 267    | 18.875 | 18.861 | 18.888 | VV | 21528 | 339883  | 6.34%  | 0.309% |
| 268    | 18.927 | 18.888 | 18.951 | VV | 26231 | 883245  | 16.48% | 0.803% |
| 269    | 18.963 | 18.951 | 18.966 | VV | 22057 | 203084  | 3.79%  | 0.185% |
| 270    | 18.985 | 18.966 | 19.007 | VV | 22279 | 543251  | 10.14% | 0.494% |
|        |        |        |        |    |       |         |        |        |
| 271    | 19.039 | 19.007 | 19.065 | VV | 26828 | 844099  | 15.75% | 0.767% |
| 272    | 19.092 | 19.065 | 19.124 | VV | 26167 | 869655  | 16.23% | 0.790% |
| 273    | 19.214 | 19.124 | 19.243 | VV | 26515 | 1786439 | 33.34% | 1.624% |
| 274    | 19.252 | 19.243 | 19.281 | VV | 26161 | 577611  | 10.78% | 0.525% |
| 275    | 19.322 | 19.281 | 19.351 | VV | 31250 | 1188537 | 22.18% | 1.080% |
|        |        |        |        |    |       |         |        |        |
| 276    | 19.374 | 19.351 | 19.403 | VV | 29855 | 876713  | 16.36% | 0.797% |
| 277    | 19.436 | 19.403 | 19.475 | VV | 29901 | 1228728 | 22.93% | 1.117% |
| 278    | 19.546 | 19.475 | 19.568 | VV | 30007 | 1594423 | 29.76% | 1.449% |
| 279    | 19.587 | 19.568 | 19.677 | VV | 30646 | 1995188 | 37.24% | 1.813% |
| 280    | 19.710 | 19.677 | 19.733 | VV | 33609 | 1082047 | 20.19% | 0.983% |
|        |        |        |        |    |       |         |        |        |
| 281    | 19.758 | 19.733 | 19.771 | VV | 33867 | 756742  | 14.12% | 0.688% |
| 282    | 19.774 | 19.771 | 19.791 | VV | 33340 | 403835  | 7.54%  | 0.367% |
| 283    | 19.840 | 19.791 | 19.871 | VV | 35422 | 1621850 | 30.27% | 1.474% |
| 284    | 19.893 | 19.871 | 19.914 | VV | 36419 | 916260  | 17.10% | 0.833% |
| 285    | 19.930 | 19.914 | 19.940 | VV | 35431 | 533027  | 9.95%  | 0.484% |
|        |        |        |        |    |       |         |        |        |
| 286    | 19.968 | 19.940 | 19.981 | VV | 36874 | 895164  | 16.71% | 0.814% |
| 287    | 20.007 | 19.981 | 20.037 | VV | 36564 | 1206335 | 22.51% | 1.096% |
| 288    | 20.101 | 20.037 | 20.124 | VV | 38502 | 1965398 | 36.68% | 1.786% |
| 289    | 20.159 | 20.124 | 20.167 | VV | 39685 | 1002647 | 18.71% | 0.911% |
| 290    | 20.201 | 20.167 | 20.220 | VV | 40748 | 1264351 | 23.60% | 1.149% |
|        |        |        |        |    |       |         |        |        |
| 291    | 20.275 | 20.220 | 20.304 | VV | 44516 | 2133186 | 39.81% | 1.939% |
| 292    | 20.363 | 20.304 | 20.401 | VV | 44725 | 2539922 | 47.40% | 2.308% |
| 293    | 20.421 | 20.401 | 20.433 | VV | 44817 | 847521  | 15.82% | 0.770% |
| 294    | 20.460 | 20.433 | 20.487 | VV | 47547 | 1500400 | 28.00% | 1.364% |
| 295    | 20.499 | 20.487 | 20.503 | VV | 47288 | 453882  | 8.47%  | 0.413% |
|        |        |        |        |    |       |         |        |        |
| 296    | 20.531 | 20.503 | 20.551 | VV | 49631 | 1385580 | 25.86% | 1.259% |
| 297    | 20.612 | 20.551 | 20.654 | VV | 51963 | 3096346 | 57.79% | 2.814% |
| 298    | 20.669 | 20.654 | 20.699 | VV | 51983 | 1350885 | 25.21% | 1.228% |
| 299    | 20.707 | 20.699 | 20.720 | VV | 51577 | 659197  | 12.30% | 0.599% |

|                         |        |        |        |     |        |           |        |        |
|-------------------------|--------|--------|--------|-----|--------|-----------|--------|--------|
|                         |        |        |        |     | rteres |           |        |        |
| 300                     | 20.734 | 20.720 | 20.786 | VV  | 51514  | 2024349   | 37.78% | 1.840% |
| 301                     | 20.810 | 20.786 | 20.848 | VV  | 52432  | 1889310   | 35.26% | 1.717% |
| 302                     | 20.860 | 20.848 | 20.894 | VV  | 52359  | 1424956   | 26.59% | 1.295% |
| 303                     | 20.934 | 20.894 | 20.988 | VV  | 51667  | 2819749   | 52.63% | 2.563% |
| 304                     | 21.054 | 20.988 | 21.078 | VV  | 50644  | 2663497   | 49.71% | 2.421% |
| 305                     | 21.108 | 21.078 | 21.138 | VV  | 50547  | 1781017   | 33.24% | 1.619% |
| 306                     | 21.145 | 21.138 | 21.160 | VV  | 50302  | 673680    | 12.57% | 0.612% |
| 307                     | 21.185 | 21.160 | 21.235 | VV  | 49930  | 2178738   | 40.66% | 1.980% |
| 308                     | 21.246 | 21.235 | 21.334 | VV  | 47834  | 2802126   | 52.30% | 2.547% |
| 309                     | 21.376 | 21.334 | 21.444 | VV  | 47770  | 3081376   | 57.51% | 2.800% |
| 310                     | 21.450 | 21.444 | 21.568 | VV  | 46732  | 3326020   | 62.08% | 3.023% |
| 311                     | 21.581 | 21.568 | 21.614 | VV  | 44456  | 1228188   | 22.92% | 1.116% |
| 312                     | 21.635 | 21.614 | 21.651 | VV  | 45305  | 977810    | 18.25% | 0.889% |
| 313                     | 21.661 | 21.651 | 21.744 | VV  | 44506  | 2427046   | 45.30% | 2.206% |
| 314                     | 21.759 | 21.744 | 21.826 | VV  | 42158  | 2003902   | 37.40% | 1.821% |
| 315                     | 21.874 | 21.826 | 21.907 | VV  | 41984  | 2027850   | 37.85% | 1.843% |
| 316                     | 21.940 | 21.907 | 22.024 | VV  | 41914  | 2863163   | 53.44% | 2.602% |
| 317                     | 22.041 | 22.024 | 22.080 | VV  | 40238  | 1331571   | 24.85% | 1.210% |
| 318                     | 22.104 | 22.080 | 22.151 | VV  | 39819  | 1642025   | 30.65% | 1.492% |
| 319                     | 22.154 | 22.151 | 22.162 | VV  | 38247  | 249278    | 4.65%  | 0.227% |
| 320                     | 22.171 | 22.162 | 22.184 | VV  | 38246  | 507055    | 9.46%  | 0.461% |
| 321                     | 22.189 | 22.184 | 22.201 | VBA | 37652  | 446777    | 8.34%  | 0.406% |
| Sum of corrected areas: |        |        |        |     |        | 110030872 |        |        |

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