

nteres

Area

# Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061421AL\  
Data File : FD037903.D

Signal(s) : FID2B.CH  
Acq On : 14 Jun 2021 10:14  
Sample : M2639-01  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic  
EPH 061021.M  
Title : GC Extractables

Signal : FID2B.CH

| peak<br>% of<br>#<br>total | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. |
|----------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|
| ----                       | -----       | -----        | -----      | ----     | -----          | -----        | -----          |
| 1<br>0.006%                | 3.247       | 3.225        | 3.266      | BV       | 107            | 1256         | 0.03%          |
| 2<br>0.007%                | 3.274       | 3.266        | 3.348      | PV       | 98             | 1544         | 0.03%          |
| 3<br>0.009%                | 3.361       | 3.348        | 3.391      | VV       | 159            | 1850         | 0.04%          |
| 4<br>0.009%                | 3.402       | 3.391        | 3.425      | VV       | 115            | 1992         | 0.04%          |
| 5<br>0.015%                | 3.434       | 3.425        | 3.496      | VV       | 149            | 3258         | 0.07%          |
| 6<br>0.022%                | 3.522       | 3.496        | 3.561      | VV       | 205            | 4549         | 0.10%          |
| 7<br>0.008%                | 3.570       | 3.561        | 3.601      | PV       | 126            | 1709         | 0.04%          |
| 8<br>0.045%                | 3.638       | 3.601        | 3.670      | PV       | 592            | 9515         | 0.21%          |
| 9                          | 3.682       | 3.670        | 3.688      | VV       | 192            | 1255         | 0.03%          |

|        |    |       |       |        |    |      |       |       |
|--------|----|-------|-------|--------|----|------|-------|-------|
|        |    |       |       | rteres |    |      |       |       |
| 0.006% | 10 | 3.699 | 3.688 | 3.712  | VV | 198  | 2320  | 0.05% |
| 0.011% |    |       |       |        |    |      |       |       |
|        | 11 | 3.737 | 3.712 | 3.762  | VV | 531  | 7619  | 0.17% |
| 0.036% | 12 | 3.774 | 3.762 | 3.795  | VV | 233  | 3248  | 0.07% |
| 0.015% | 13 | 3.819 | 3.795 | 3.882  | VV | 334  | 8958  | 0.19% |
| 0.042% | 14 | 3.917 | 3.882 | 3.941  | VV | 458  | 8955  | 0.19% |
| 0.042% | 15 | 3.954 | 3.941 | 3.977  | VV | 394  | 6426  | 0.14% |
| 0.030% |    |       |       |        |    |      |       |       |
|        | 16 | 3.991 | 3.977 | 4.028  | VV | 294  | 7025  | 0.15% |
| 0.033% | 17 | 4.055 | 4.028 | 4.094  | VV | 583  | 17336 | 0.38% |
| 0.082% | 18 | 4.105 | 4.094 | 4.162  | VV | 448  | 15467 | 0.34% |
| 0.073% | 19 | 4.184 | 4.162 | 4.248  | VV | 419  | 19922 | 0.43% |
| 0.094% | 20 | 4.306 | 4.248 | 4.331  | VV | 538  | 20409 | 0.44% |
| 0.096% |    |       |       |        |    |      |       |       |
|        | 21 | 4.344 | 4.331 | 4.365  | VV | 481  | 8553  | 0.19% |
| 0.040% | 22 | 4.376 | 4.365 | 4.387  | VV | 463  | 5466  | 0.12% |
| 0.026% | 23 | 4.404 | 4.387 | 4.434  | VV | 457  | 10951 | 0.24% |
| 0.052% | 24 | 4.454 | 4.434 | 4.485  | VV | 1027 | 18637 | 0.41% |
| 0.088% | 25 | 4.514 | 4.485 | 4.548  | VV | 586  | 15691 | 0.34% |
| 0.074% |    |       |       |        |    |      |       |       |
|        | 26 | 4.586 | 4.548 | 4.625  | VV | 451  | 17631 | 0.38% |
| 0.083% | 27 | 4.652 | 4.625 | 4.669  | VV | 742  | 14319 | 0.31% |
| 0.068% | 28 | 4.683 | 4.669 | 4.700  | VV | 650  | 10390 | 0.23% |
| 0.049% | 29 | 4.716 | 4.700 | 4.748  | VV | 554  | 13599 | 0.30% |

|        |    |       |       |        |    |      |       |       |
|--------|----|-------|-------|--------|----|------|-------|-------|
|        |    |       |       | rteres |    |      |       |       |
| 0.064% | 30 | 4.774 | 4.748 | 4.791  | VV | 529  | 12646 | 0.27% |
| 0.060% |    |       |       |        |    |      |       |       |
|        | 31 | 4.849 | 4.791 | 4.870  | VV | 582  | 24475 | 0.53% |
| 0.116% |    |       |       |        |    |      |       |       |
|        | 32 | 4.897 | 4.870 | 4.918  | VV | 1484 | 26229 | 0.57% |
| 0.124% |    |       |       |        |    |      |       |       |
|        | 33 | 4.932 | 4.918 | 4.971  | VV | 1367 | 26159 | 0.57% |
| 0.124% |    |       |       |        |    |      |       |       |
|        | 34 | 4.989 | 4.971 | 5.092  | VV | 1018 | 44452 | 0.97% |
| 0.210% |    |       |       |        |    |      |       |       |
|        | 35 | 5.123 | 5.092 | 5.145  | VV | 747  | 18781 | 0.41% |
| 0.089% |    |       |       |        |    |      |       |       |
|        | 36 | 5.159 | 5.145 | 5.197  | VV | 770  | 17549 | 0.38% |
| 0.083% |    |       |       |        |    |      |       |       |
|        | 37 | 5.220 | 5.197 | 5.252  | VV | 552  | 16213 | 0.35% |
| 0.077% |    |       |       |        |    |      |       |       |
|        | 38 | 5.255 | 5.252 | 5.264  | VV | 506  | 3372  | 0.07% |
| 0.016% |    |       |       |        |    |      |       |       |
|        | 39 | 5.282 | 5.264 | 5.325  | VV | 710  | 19707 | 0.43% |
| 0.093% |    |       |       |        |    |      |       |       |
|        | 40 | 5.336 | 5.325 | 5.357  | VV | 714  | 11809 | 0.26% |
| 0.056% |    |       |       |        |    |      |       |       |
|        | 41 | 5.376 | 5.357 | 5.411  | VV | 1006 | 22684 | 0.49% |
| 0.107% |    |       |       |        |    |      |       |       |
|        | 42 | 5.433 | 5.411 | 5.480  | VV | 748  | 21335 | 0.46% |
| 0.101% |    |       |       |        |    |      |       |       |
|        | 43 | 5.512 | 5.480 | 5.555  | VV | 617  | 20897 | 0.45% |
| 0.099% |    |       |       |        |    |      |       |       |
|        | 44 | 5.564 | 5.555 | 5.574  | VV | 487  | 4813  | 0.10% |
| 0.023% |    |       |       |        |    |      |       |       |
|        | 45 | 5.609 | 5.574 | 5.638  | VV | 552  | 18163 | 0.39% |
| 0.086% |    |       |       |        |    |      |       |       |
|        | 46 | 5.648 | 5.638 | 5.691  | VV | 546  | 15307 | 0.33% |
| 0.072% |    |       |       |        |    |      |       |       |
|        | 47 | 5.708 | 5.691 | 5.724  | VV | 517  | 8572  | 0.19% |
| 0.041% |    |       |       |        |    |      |       |       |
|        | 48 | 5.742 | 5.724 | 5.771  | VV | 530  | 12778 | 0.28% |
| 0.060% |    |       |       |        |    |      |       |       |
|        | 49 | 5.793 | 5.771 | 5.828  | VV | 490  | 15623 | 0.34% |

|        |    |       |       |       |        |      |        |       |
|--------|----|-------|-------|-------|--------|------|--------|-------|
|        |    |       |       |       | rteres |      |        |       |
| 0.074% | 50 | 5.845 | 5.828 | 5.859 | VV     | 502  | 8671   | 0.19% |
| 0.041% |    |       |       |       |        |      |        |       |
|        | 51 | 5.881 | 5.859 | 5.923 | VV     | 1897 | 35547  | 0.77% |
| 0.168% |    |       |       |       |        |      |        |       |
|        | 52 | 5.944 | 5.923 | 6.011 | VV     | 6671 | 111858 | 2.43% |
| 0.529% |    |       |       |       |        |      |        |       |
|        | 53 | 6.035 | 6.011 | 6.089 | VV     | 1142 | 32611  | 0.71% |
| 0.154% |    |       |       |       |        |      |        |       |
|        | 54 | 6.103 | 6.089 | 6.122 | VV     | 589  | 9322   | 0.20% |
| 0.044% |    |       |       |       |        |      |        |       |
|        | 55 | 6.160 | 6.122 | 6.198 | VV     | 526  | 20495  | 0.45% |
| 0.097% |    |       |       |       |        |      |        |       |
|        | 56 | 6.210 | 6.198 | 6.246 | VV     | 459  | 11941  | 0.26% |
| 0.056% |    |       |       |       |        |      |        |       |
|        | 57 | 6.264 | 6.246 | 6.291 | VV     | 528  | 11995  | 0.26% |
| 0.057% |    |       |       |       |        |      |        |       |
|        | 58 | 6.313 | 6.291 | 6.335 | VV     | 693  | 13103  | 0.28% |
| 0.062% |    |       |       |       |        |      |        |       |
|        | 59 | 6.345 | 6.335 | 6.360 | VV     | 532  | 5445   | 0.12% |
| 0.026% |    |       |       |       |        |      |        |       |
|        | 60 | 6.371 | 6.360 | 6.438 | VV     | 318  | 12899  | 0.28% |
| 0.061% |    |       |       |       |        |      |        |       |
|        | 61 | 6.459 | 6.438 | 6.470 | VV     | 358  | 5517   | 0.12% |
| 0.026% |    |       |       |       |        |      |        |       |
|        | 62 | 6.494 | 6.470 | 6.549 | VV     | 325  | 12206  | 0.27% |
| 0.058% |    |       |       |       |        |      |        |       |
|        | 63 | 6.565 | 6.549 | 6.575 | VV     | 223  | 3033   | 0.07% |
| 0.014% |    |       |       |       |        |      |        |       |
|        | 64 | 6.585 | 6.575 | 6.612 | VV     | 238  | 4409   | 0.10% |
| 0.021% |    |       |       |       |        |      |        |       |
|        | 65 | 6.630 | 6.612 | 6.639 | VV     | 284  | 3714   | 0.08% |
| 0.018% |    |       |       |       |        |      |        |       |
|        | 66 | 6.646 | 6.639 | 6.668 | VV     | 249  | 3757   | 0.08% |
| 0.018% |    |       |       |       |        |      |        |       |
|        | 67 | 6.679 | 6.668 | 6.688 | VV     | 205  | 2272   | 0.05% |
| 0.011% |    |       |       |       |        |      |        |       |
|        | 68 | 6.704 | 6.688 | 6.765 | VV     | 310  | 10315  | 0.22% |
| 0.049% |    |       |       |       |        |      |        |       |
|        | 69 | 6.794 | 6.765 | 6.819 | VV     | 353  | 7787   | 0.17% |

|        |    |       |       |        |    |      |       |       |
|--------|----|-------|-------|--------|----|------|-------|-------|
|        |    |       |       | rteres |    |      |       |       |
| 0.037% | 70 | 6.836 | 6.819 | 6.848  | VV | 288  | 4151  | 0.09% |
| 0.020% |    |       |       |        |    |      |       |       |
|        | 71 | 6.867 | 6.848 | 6.905  | VV | 368  | 8340  | 0.18% |
| 0.039% |    |       |       |        |    |      |       |       |
|        | 72 | 6.932 | 6.905 | 6.981  | VV | 694  | 17541 | 0.38% |
| 0.083% |    |       |       |        |    |      |       |       |
|        | 73 | 7.011 | 6.981 | 7.045  | VV | 423  | 9246  | 0.20% |
| 0.044% |    |       |       |        |    |      |       |       |
|        | 74 | 7.065 | 7.045 | 7.150  | VV | 568  | 15543 | 0.34% |
| 0.073% |    |       |       |        |    |      |       |       |
|        | 75 | 7.166 | 7.150 | 7.205  | VV | 218  | 4587  | 0.10% |
| 0.022% |    |       |       |        |    |      |       |       |
|        | 76 | 7.232 | 7.205 | 7.266  | VV | 605  | 9328  | 0.20% |
| 0.044% |    |       |       |        |    |      |       |       |
|        | 77 | 7.296 | 7.278 | 7.337  | VV | 238  | 4585  | 0.10% |
| 0.022% |    |       |       |        |    |      |       |       |
|        | 78 | 7.353 | 7.337 | 7.402  | PV | 172  | 3633  | 0.08% |
| 0.017% |    |       |       |        |    |      |       |       |
|        | 79 | 7.440 | 7.422 | 7.468  | VV | 110  | 1974  | 0.04% |
| 0.009% |    |       |       |        |    |      |       |       |
|        | 80 | 7.493 | 7.468 | 7.504  | VV | 217  | 2522  | 0.05% |
| 0.012% |    |       |       |        |    |      |       |       |
|        | 81 | 7.633 | 7.625 | 7.735  | VV | 1167 | 46918 | 1.02% |
| 0.222% |    |       |       |        |    |      |       |       |
|        | 82 | 7.749 | 7.735 | 7.771  | VV | 363  | 5933  | 0.13% |
| 0.028% |    |       |       |        |    |      |       |       |
|        | 83 | 7.801 | 7.771 | 7.892  | VV | 491  | 17960 | 0.39% |
| 0.085% |    |       |       |        |    |      |       |       |
|        | 84 | 7.922 | 7.892 | 7.955  | VV | 604  | 12063 | 0.26% |
| 0.057% |    |       |       |        |    |      |       |       |
|        | 85 | 8.022 | 7.955 | 8.037  | VV | 742  | 19812 | 0.43% |
| 0.094% |    |       |       |        |    |      |       |       |
|        | 86 | 8.052 | 8.037 | 8.078  | VV | 589  | 12301 | 0.27% |
| 0.058% |    |       |       |        |    |      |       |       |
|        | 87 | 8.099 | 8.078 | 8.140  | VV | 1954 | 25304 | 0.55% |
| 0.120% |    |       |       |        |    |      |       |       |
|        | 88 | 8.204 | 8.140 | 8.281  | VV | 1038 | 26911 | 0.58% |
| 0.127% |    |       |       |        |    |      |       |       |
|        | 89 | 8.293 | 8.281 | 8.328  | VV | 231  | 3123  | 0.07% |

| rteres |     |       |       |       |    |      |       |       |
|--------|-----|-------|-------|-------|----|------|-------|-------|
| 0.015% | 90  | 8.336 | 8.328 | 8.358 | VV | 121  | 1690  | 0.04% |
| 0.008% |     |       |       |       |    |      |       |       |
|        | 91  | 8.497 | 8.481 | 8.529 | VV | 2876 | 51410 | 1.12% |
| 0.243% |     |       |       |       |    |      |       |       |
|        | 92  | 8.544 | 8.529 | 8.618 | VV | 1152 | 44648 | 0.97% |
| 0.211% |     |       |       |       |    |      |       |       |
|        | 93  | 8.633 | 8.618 | 8.668 | VV | 901  | 17140 | 0.37% |
| 0.081% |     |       |       |       |    |      |       |       |
|        | 94  | 8.679 | 8.668 | 8.708 | VV | 421  | 7974  | 0.17% |
| 0.038% |     |       |       |       |    |      |       |       |
|        | 95  | 8.740 | 8.708 | 8.758 | VV | 561  | 11512 | 0.25% |
| 0.054% |     |       |       |       |    |      |       |       |
|        | 96  | 8.774 | 8.758 | 8.793 | VV | 636  | 11079 | 0.24% |
| 0.052% |     |       |       |       |    |      |       |       |
|        | 97  | 8.815 | 8.793 | 8.874 | VV | 1116 | 32654 | 0.71% |
| 0.154% |     |       |       |       |    |      |       |       |
|        | 98  | 8.918 | 8.874 | 8.938 | VV | 1615 | 22963 | 0.50% |
| 0.109% |     |       |       |       |    |      |       |       |
|        | 99  | 8.950 | 8.938 | 8.988 | VV | 401  | 8972  | 0.20% |
| 0.042% |     |       |       |       |    |      |       |       |
|        | 100 | 8.995 | 8.988 | 9.025 | VV | 163  | 3026  | 0.07% |
| 0.014% |     |       |       |       |    |      |       |       |
|        | 101 | 9.061 | 9.025 | 9.085 | VV | 372  | 7350  | 0.16% |
| 0.035% |     |       |       |       |    |      |       |       |
|        | 102 | 9.095 | 9.085 | 9.121 | VV | 309  | 3978  | 0.09% |
| 0.019% |     |       |       |       |    |      |       |       |
|        | 103 | 9.139 | 9.121 | 9.172 | VV | 105  | 2837  | 0.06% |
| 0.013% |     |       |       |       |    |      |       |       |
|        | 104 | 9.196 | 9.172 | 9.224 | VV | 226  | 4399  | 0.10% |
| 0.021% |     |       |       |       |    |      |       |       |
|        | 105 | 9.248 | 9.224 | 9.260 | VV | 184  | 2494  | 0.05% |
| 0.012% |     |       |       |       |    |      |       |       |
|        | 106 | 9.282 | 9.260 | 9.322 | VV | 1393 | 21548 | 0.47% |
| 0.102% |     |       |       |       |    |      |       |       |
|        | 107 | 9.357 | 9.322 | 9.393 | VV | 507  | 11096 | 0.24% |
| 0.052% |     |       |       |       |    |      |       |       |
|        | 108 | 9.402 | 9.393 | 9.412 | VV | 271  | 2475  | 0.05% |
| 0.012% |     |       |       |       |    |      |       |       |
|        | 109 | 9.425 | 9.412 | 9.458 | VV | 494  | 8696  | 0.19% |

|        |     |        |        |        |    |      |       |       |
|--------|-----|--------|--------|--------|----|------|-------|-------|
|        |     |        |        | rteres |    |      |       |       |
| 0.041% | 110 | 9.487  | 9.458  | 9.509  | VV | 330  | 7184  | 0.16% |
| 0.034% |     |        |        |        |    |      |       |       |
|        | 111 | 9.524  | 9.509  | 9.536  | VV | 140  | 1889  | 0.04% |
| 0.009% | 112 | 9.560  | 9.536  | 9.577  | VV | 333  | 4764  | 0.10% |
| 0.023% | 113 | 9.604  | 9.577  | 9.666  | VV | 546  | 16033 | 0.35% |
| 0.076% | 114 | 9.693  | 9.666  | 9.747  | VV | 1366 | 23004 | 0.50% |
| 0.109% | 115 | 9.762  | 9.747  | 9.782  | VV | 189  | 3393  | 0.07% |
| 0.016% |     |        |        |        |    |      |       |       |
|        | 116 | 9.795  | 9.782  | 9.821  | VV | 207  | 3347  | 0.07% |
| 0.016% | 117 | 9.849  | 9.821  | 9.922  | VV | 5259 | 57857 | 1.26% |
| 0.274% | 118 | 9.934  | 9.922  | 9.948  | VV | 115  | 1107  | 0.02% |
| 0.005% | 119 | 9.961  | 9.948  | 9.977  | PV | 151  | 1523  | 0.03% |
| 0.007% | 120 | 10.023 | 9.977  | 10.058 | PV | 262  | 7793  | 0.17% |
| 0.037% |     |        |        |        |    |      |       |       |
|        | 121 | 10.077 | 10.058 | 10.108 | VV | 487  | 7640  | 0.17% |
| 0.036% | 122 | 10.132 | 10.108 | 10.143 | VV | 508  | 7828  | 0.17% |
| 0.037% | 123 | 10.164 | 10.143 | 10.189 | VV | 630  | 13408 | 0.29% |
| 0.063% | 124 | 10.197 | 10.189 | 10.238 | VV | 440  | 8208  | 0.18% |
| 0.039% | 125 | 10.274 | 10.238 | 10.315 | VV | 484  | 12941 | 0.28% |
| 0.061% |     |        |        |        |    |      |       |       |
|        | 126 | 10.338 | 10.315 | 10.361 | VV | 676  | 12589 | 0.27% |
| 0.060% | 127 | 10.382 | 10.361 | 10.405 | VV | 568  | 9978  | 0.22% |
| 0.047% | 128 | 10.428 | 10.405 | 10.458 | VV | 1139 | 19667 | 0.43% |
| 0.093% | 129 | 10.484 | 10.458 | 10.568 | VV | 827  | 34161 | 0.74% |

|         |     |        |        |        |    |        |         |         |
|---------|-----|--------|--------|--------|----|--------|---------|---------|
| rteres  |     |        |        |        |    |        |         |         |
| 0.162%  | 130 | 10.575 | 10.568 | 10.591 | VV | 199    | 1680    | 0.04%   |
| 0.008%  |     |        |        |        |    |        |         |         |
|         | 131 | 10.611 | 10.591 | 10.624 | PV | 195    | 2555    | 0.06%   |
| 0.012%  | 132 | 10.672 | 10.624 | 10.727 | VV | 17747  | 220353  | 4.79%   |
| 1.042%  |     |        |        |        |    |        |         |         |
|         | 133 | 10.749 | 10.727 | 10.868 | VV | 3491   | 67559   | 1.47%   |
| 0.319%  |     |        |        |        |    |        |         |         |
|         | 134 | 10.876 | 10.868 | 10.904 | VV | 204    | 2682    | 0.06%   |
| 0.013%  |     |        |        |        |    |        |         |         |
|         | 135 | 10.933 | 10.904 | 10.946 | PV | 286    | 3273    | 0.07%   |
| 0.015%  |     |        |        |        |    |        |         |         |
|         | 136 | 10.975 | 10.946 | 11.005 | VV | 983    | 19693   | 0.43%   |
| 0.093%  |     |        |        |        |    |        |         |         |
|         | 137 | 11.016 | 11.005 | 11.028 | VV | 305    | 3378    | 0.07%   |
| 0.016%  |     |        |        |        |    |        |         |         |
|         | 138 | 11.064 | 11.028 | 11.087 | VV | 591    | 12953   | 0.28%   |
| 0.061%  |     |        |        |        |    |        |         |         |
|         | 139 | 11.099 | 11.087 | 11.107 | VV | 480    | 4838    | 0.11%   |
| 0.023%  |     |        |        |        |    |        |         |         |
|         | 140 | 11.128 | 11.107 | 11.178 | VV | 1422   | 27720   | 0.60%   |
| 0.131%  |     |        |        |        |    |        |         |         |
|         | 141 | 11.210 | 11.178 | 11.252 | VV | 1200   | 27951   | 0.61%   |
| 0.132%  |     |        |        |        |    |        |         |         |
|         | 142 | 11.277 | 11.252 | 11.296 | VV | 509    | 8603    | 0.19%   |
| 0.041%  |     |        |        |        |    |        |         |         |
|         | 143 | 11.321 | 11.296 | 11.352 | VV | 632    | 11047   | 0.24%   |
| 0.052%  |     |        |        |        |    |        |         |         |
|         | 144 | 11.373 | 11.352 | 11.395 | VV | 503    | 9341    | 0.20%   |
| 0.044%  |     |        |        |        |    |        |         |         |
|         | 145 | 11.441 | 11.395 | 11.489 | VV | 432397 | 4600798 | 100.00% |
| 21.754% |     |        |        |        |    |        |         |         |
|         | 146 | 11.505 | 11.489 | 11.552 | VV | 3594   | 63122   | 1.37%   |
| 0.298%  |     |        |        |        |    |        |         |         |
|         | 147 | 11.585 | 11.552 | 11.604 | VV | 3554   | 62510   | 1.36%   |
| 0.296%  |     |        |        |        |    |        |         |         |
|         | 148 | 11.620 | 11.604 | 11.635 | VV | 2346   | 30631   | 0.67%   |
| 0.145%  |     |        |        |        |    |        |         |         |
|         | 149 | 11.652 | 11.635 | 11.700 | VV | 2503   | 40374   | 0.88%   |

|        |        |        |        |    |       |        |       |
|--------|--------|--------|--------|----|-------|--------|-------|
| 0.191% |        | rteres |        |    |       |        |       |
| 150    | 11.735 | 11.700 | 11.755 | VV | 537   | 13364  | 0.29% |
| 0.063% |        |        |        |    |       |        |       |
| 151    | 11.794 | 11.755 | 11.820 | VV | 2022  | 39755  | 0.86% |
| 0.188% |        |        |        |    |       |        |       |
| 152    | 11.842 | 11.820 | 11.868 | VV | 2001  | 36089  | 0.78% |
| 0.171% |        |        |        |    |       |        |       |
| 153    | 11.881 | 11.868 | 11.921 | VV | 1696  | 29961  | 0.65% |
| 0.142% |        |        |        |    |       |        |       |
| 154    | 11.945 | 11.921 | 11.987 | VV | 1702  | 33930  | 0.74% |
| 0.160% |        |        |        |    |       |        |       |
| 155    | 12.002 | 11.987 | 12.018 | VV | 575   | 8756   | 0.19% |
| 0.041% |        |        |        |    |       |        |       |
| 156    | 12.038 | 12.018 | 12.074 | VV | 4659  | 57260  | 1.24% |
| 0.271% |        |        |        |    |       |        |       |
| 157    | 12.089 | 12.074 | 12.135 | VV | 783   | 20784  | 0.45% |
| 0.098% |        |        |        |    |       |        |       |
| 158    | 12.204 | 12.135 | 12.240 | VV | 976   | 39861  | 0.87% |
| 0.188% |        |        |        |    |       |        |       |
| 159    | 12.259 | 12.240 | 12.272 | VV | 1236  | 18031  | 0.39% |
| 0.085% |        |        |        |    |       |        |       |
| 160    | 12.282 | 12.272 | 12.304 | VV | 1159  | 16748  | 0.36% |
| 0.079% |        |        |        |    |       |        |       |
| 161    | 12.325 | 12.304 | 12.347 | VV | 1405  | 25744  | 0.56% |
| 0.122% |        |        |        |    |       |        |       |
| 162    | 12.368 | 12.347 | 12.386 | VV | 2474  | 36020  | 0.78% |
| 0.170% |        |        |        |    |       |        |       |
| 163    | 12.431 | 12.386 | 12.454 | VV | 2817  | 57148  | 1.24% |
| 0.270% |        |        |        |    |       |        |       |
| 164    | 12.482 | 12.454 | 12.534 | VV | 34699 | 410842 | 8.93% |
| 1.943% |        |        |        |    |       |        |       |
| 165    | 12.551 | 12.534 | 12.568 | VV | 716   | 11753  | 0.26% |
| 0.056% |        |        |        |    |       |        |       |
| 166    | 12.579 | 12.568 | 12.598 | VV | 509   | 7261   | 0.16% |
| 0.034% |        |        |        |    |       |        |       |
| 167    | 12.619 | 12.598 | 12.632 | VV | 604   | 8839   | 0.19% |
| 0.042% |        |        |        |    |       |        |       |
| 168    | 12.668 | 12.632 | 12.684 | VV | 1307  | 27468  | 0.60% |
| 0.130% |        |        |        |    |       |        |       |
| 169    | 12.702 | 12.684 | 12.741 | VV | 1166  | 27062  | 0.59% |

|         |     |        |        |        |    |        |         |        |
|---------|-----|--------|--------|--------|----|--------|---------|--------|
|         |     |        |        | rteres |    |        |         |        |
| 0.128%  | 170 | 12.778 | 12.741 | 12.812 | VV | 29130  | 340358  | 7.40%  |
| 1.609%  |     |        |        |        |    |        |         |        |
|         | 171 | 12.836 | 12.812 | 12.844 | VV | 3237   | 38504   | 0.84%  |
| 0.182%  | 172 | 12.875 | 12.844 | 12.937 | VV | 315201 | 3601707 | 78.28% |
| 17.030% | 173 | 12.956 | 12.937 | 12.975 | VV | 1400   | 24725   | 0.54%  |
| 0.117%  | 174 | 12.985 | 12.975 | 13.012 | VV | 1382   | 20742   | 0.45%  |
| 0.098%  | 175 | 13.046 | 13.012 | 13.092 | VV | 2593   | 57192   | 1.24%  |
| 0.270%  |     |        |        |        |    |        |         |        |
|         | 176 | 13.112 | 13.092 | 13.156 | VV | 1036   | 23959   | 0.52%  |
| 0.113%  | 177 | 13.179 | 13.156 | 13.216 | VV | 1105   | 24179   | 0.53%  |
| 0.114%  | 178 | 13.239 | 13.216 | 13.324 | VV | 2208   | 60288   | 1.31%  |
| 0.285%  | 179 | 13.369 | 13.324 | 13.408 | VV | 4643   | 92893   | 2.02%  |
| 0.439%  | 180 | 13.435 | 13.408 | 13.451 | VV | 864    | 16913   | 0.37%  |
| 0.080%  |     |        |        |        |    |        |         |        |
|         | 181 | 13.477 | 13.451 | 13.497 | VV | 2889   | 46755   | 1.02%  |
| 0.221%  | 182 | 13.514 | 13.497 | 13.535 | VV | 2703   | 39292   | 0.85%  |
| 0.186%  | 183 | 13.551 | 13.535 | 13.582 | VV | 1188   | 21363   | 0.46%  |
| 0.101%  | 184 | 13.625 | 13.582 | 13.665 | VV | 2924   | 80928   | 1.76%  |
| 0.383%  | 185 | 13.684 | 13.665 | 13.728 | VV | 1971   | 36988   | 0.80%  |
| 0.175%  |     |        |        |        |    |        |         |        |
|         | 186 | 13.765 | 13.728 | 13.790 | VV | 622    | 14217   | 0.31%  |
| 0.067%  | 187 | 13.844 | 13.790 | 13.911 | VV | 611    | 23976   | 0.52%  |
| 0.113%  | 188 | 13.925 | 13.911 | 13.937 | VV | 102    | 1371    | 0.03%  |
| 0.006%  | 189 | 13.953 | 13.937 | 13.994 | VV | 278    | 4624    | 0.10%  |

|        |     |        |        |        |    |       |        |       |
|--------|-----|--------|--------|--------|----|-------|--------|-------|
| rteres |     |        |        |        |    |       |        |       |
| 0.022% | 190 | 14.058 | 13.994 | 14.085 | PV | 1459  | 38016  | 0.83% |
| 0.180% |     |        |        |        |    |       |        |       |
|        | 191 | 14.106 | 14.085 | 14.142 | VV | 1899  | 31601  | 0.69% |
| 0.149% |     |        |        |        |    |       |        |       |
|        | 192 | 14.184 | 14.142 | 14.221 | VV | 1181  | 24392  | 0.53% |
| 0.115% |     |        |        |        |    |       |        |       |
|        | 193 | 14.240 | 14.221 | 14.255 | VV | 798   | 10375  | 0.23% |
| 0.049% |     |        |        |        |    |       |        |       |
|        | 194 | 14.278 | 14.255 | 14.315 | VV | 2358  | 39109  | 0.85% |
| 0.185% |     |        |        |        |    |       |        |       |
|        | 195 | 14.339 | 14.315 | 14.364 | VV | 3883  | 50302  | 1.09% |
| 0.238% |     |        |        |        |    |       |        |       |
|        | 196 | 14.408 | 14.364 | 14.446 | VV | 2204  | 50948  | 1.11% |
| 0.241% |     |        |        |        |    |       |        |       |
|        | 197 | 14.463 | 14.446 | 14.480 | VV | 491   | 5532   | 0.12% |
| 0.026% |     |        |        |        |    |       |        |       |
|        | 198 | 14.496 | 14.480 | 14.506 | VV | 301   | 3401   | 0.07% |
| 0.016% |     |        |        |        |    |       |        |       |
|        | 199 | 14.525 | 14.506 | 14.537 | VV | 702   | 8120   | 0.18% |
| 0.038% |     |        |        |        |    |       |        |       |
|        | 200 | 14.557 | 14.537 | 14.590 | VV | 1889  | 26339  | 0.57% |
| 0.125% |     |        |        |        |    |       |        |       |
|        | 201 | 14.607 | 14.590 | 14.621 | VV | 829   | 9504   | 0.21% |
| 0.045% |     |        |        |        |    |       |        |       |
|        | 202 | 14.649 | 14.621 | 14.669 | VV | 14130 | 177251 | 3.85% |
| 0.838% |     |        |        |        |    |       |        |       |
|        | 203 | 14.689 | 14.669 | 14.752 | VV | 13936 | 203672 | 4.43% |
| 0.963% |     |        |        |        |    |       |        |       |
|        | 204 | 14.811 | 14.752 | 14.869 | VV | 2969  | 59587  | 1.30% |
| 0.282% |     |        |        |        |    |       |        |       |
|        | 205 | 14.908 | 14.869 | 14.933 | VV | 580   | 11578  | 0.25% |
| 0.055% |     |        |        |        |    |       |        |       |
|        | 206 | 14.962 | 14.933 | 14.975 | PV | 1177  | 15593  | 0.34% |
| 0.074% |     |        |        |        |    |       |        |       |
|        | 207 | 14.989 | 14.975 | 15.056 | VV | 990   | 23769  | 0.52% |
| 0.112% |     |        |        |        |    |       |        |       |
|        | 208 | 15.103 | 15.056 | 15.178 | VV | 9493  | 190575 | 4.14% |
| 0.901% |     |        |        |        |    |       |        |       |
|        | 209 | 15.255 | 15.178 | 15.297 | VV | 9071  | 139997 | 3.04% |

|        |     |        |        |        |    |       |        |       |
|--------|-----|--------|--------|--------|----|-------|--------|-------|
|        |     |        |        | rteres |    |       |        |       |
| 0.662% | 210 | 15.321 | 15.297 | 15.342 | VV | 3317  | 45667  | 0.99% |
| 0.216% |     |        |        |        |    |       |        |       |
|        | 211 | 15.360 | 15.342 | 15.392 | VV | 1545  | 20785  | 0.45% |
| 0.098% | 212 | 15.414 | 15.392 | 15.437 | VV | 668   | 15342  | 0.33% |
| 0.073% | 213 | 15.482 | 15.437 | 15.524 | VV | 1853  | 54854  | 1.19% |
| 0.259% | 214 | 15.553 | 15.524 | 15.585 | VV | 854   | 16206  | 0.35% |
| 0.077% | 215 | 15.644 | 15.585 | 15.673 | VV | 914   | 21651  | 0.47% |
| 0.102% |     |        |        |        |    |       |        |       |
|        | 216 | 15.694 | 15.673 | 15.714 | VV | 610   | 8683   | 0.19% |
| 0.041% | 217 | 15.739 | 15.714 | 15.806 | VV | 1273  | 31768  | 0.69% |
| 0.150% | 218 | 15.823 | 15.806 | 15.842 | VV | 259   | 2702   | 0.06% |
| 0.013% | 219 | 15.914 | 15.888 | 15.974 | PV | 1120  | 36200  | 0.79% |
| 0.171% | 220 | 15.994 | 15.974 | 16.012 | VV | 793   | 14250  | 0.31% |
| 0.067% |     |        |        |        |    |       |        |       |
|        | 221 | 16.029 | 16.012 | 16.049 | VV | 1135  | 19089  | 0.41% |
| 0.090% | 222 | 16.066 | 16.049 | 16.085 | VV | 675   | 12168  | 0.26% |
| 0.058% | 223 | 16.116 | 16.085 | 16.158 | VV | 2669  | 59442  | 1.29% |
| 0.281% | 224 | 16.200 | 16.158 | 16.267 | VV | 15950 | 324455 | 7.05% |
| 1.534% | 225 | 16.298 | 16.267 | 16.315 | VV | 3280  | 45119  | 0.98% |
| 0.213% |     |        |        |        |    |       |        |       |
|        | 226 | 16.333 | 16.315 | 16.361 | VV | 3131  | 47094  | 1.02% |
| 0.223% | 227 | 16.373 | 16.361 | 16.411 | VV | 1215  | 24923  | 0.54% |
| 0.118% | 228 | 16.428 | 16.411 | 16.438 | VV | 623   | 8816   | 0.19% |
| 0.042% | 229 | 16.520 | 16.438 | 16.552 | VV | 9808  | 171215 | 3.72% |

|        |     |        |        |        |        |       |        |       |
|--------|-----|--------|--------|--------|--------|-------|--------|-------|
|        |     |        |        |        | rteres |       |        |       |
| 0.810% | 230 | 16.578 | 16.552 | 16.628 | VV     | 11700 | 165039 | 3.59% |
| 0.780% |     |        |        |        |        |       |        |       |
|        | 231 | 16.682 | 16.628 | 16.712 | VV     | 4776  | 92375  | 2.01% |
| 0.437% | 232 | 16.729 | 16.712 | 16.778 | VV     | 2707  | 53179  | 1.16% |
| 0.251% | 233 | 16.825 | 16.778 | 16.869 | VV     | 1248  | 49107  | 1.07% |
| 0.232% | 234 | 16.943 | 16.869 | 17.021 | VV     | 1670  | 94660  | 2.06% |
| 0.448% | 235 | 17.066 | 17.021 | 17.092 | VV     | 2079  | 60717  | 1.32% |
| 0.287% |     |        |        |        |        |       |        |       |
|        | 236 | 17.131 | 17.092 | 17.152 | VV     | 3222  | 70418  | 1.53% |
| 0.333% | 237 | 17.163 | 17.152 | 17.180 | VV     | 1386  | 19134  | 0.42% |
| 0.090% | 238 | 17.194 | 17.180 | 17.215 | VV     | 1269  | 19136  | 0.42% |
| 0.090% | 239 | 17.238 | 17.215 | 17.265 | VV     | 2128  | 40397  | 0.88% |
| 0.191% | 240 | 17.296 | 17.265 | 17.321 | VV     | 1037  | 24583  | 0.53% |
| 0.116% |     |        |        |        |        |       |        |       |
|        | 241 | 17.350 | 17.321 | 17.373 | VV     | 511   | 12438  | 0.27% |
| 0.059% | 242 | 17.389 | 17.373 | 17.397 | VV     | 300   | 3852   | 0.08% |
| 0.018% | 243 | 17.416 | 17.397 | 17.432 | VV     | 609   | 8900   | 0.19% |
| 0.042% | 244 | 17.459 | 17.432 | 17.485 | VV     | 1157  | 22363  | 0.49% |
| 0.106% | 245 | 17.565 | 17.485 | 17.623 | VV     | 4882  | 125382 | 2.73% |
| 0.593% |     |        |        |        |        |       |        |       |
|        | 246 | 17.656 | 17.623 | 17.678 | VV     | 1457  | 30159  | 0.66% |
| 0.143% | 247 | 17.703 | 17.678 | 17.715 | VV     | 2362  | 37113  | 0.81% |
| 0.175% | 248 | 17.725 | 17.715 | 17.774 | VV     | 2037  | 50551  | 1.10% |
| 0.239% | 249 | 17.801 | 17.774 | 17.818 | VV     | 863   | 16524  | 0.36% |

|        |     |        |        |        |    |       |        |       |
|--------|-----|--------|--------|--------|----|-------|--------|-------|
|        |     |        |        | rteres |    |       |        |       |
| 0.078% | 250 | 17.854 | 17.818 | 17.891 | VV | 2764  | 62413  | 1.36% |
| 0.295% |     |        |        |        |    |       |        |       |
|        | 251 | 17.944 | 17.891 | 17.969 | VV | 10479 | 230911 | 5.02% |
| 1.092% | 252 | 17.988 | 17.969 | 18.018 | VV | 6073  | 101405 | 2.20% |
| 0.479% | 253 | 18.029 | 18.018 | 18.048 | VV | 1245  | 19031  | 0.41% |
| 0.090% | 254 | 18.076 | 18.048 | 18.095 | VV | 3141  | 55970  | 1.22% |
| 0.265% | 255 | 18.109 | 18.095 | 18.135 | VV | 2118  | 37983  | 0.83% |
| 0.180% |     |        |        |        |    |       |        |       |
|        | 256 | 18.143 | 18.135 | 18.167 | VV | 962   | 11495  | 0.25% |
| 0.054% | 257 | 18.197 | 18.167 | 18.233 | PV | 7211  | 95766  | 2.08% |
| 0.453% | 258 | 18.280 | 18.233 | 18.300 | VV | 796   | 18595  | 0.40% |
| 0.088% | 259 | 18.333 | 18.300 | 18.355 | VV | 1843  | 33458  | 0.73% |
| 0.158% | 260 | 18.395 | 18.355 | 18.423 | VV | 3668  | 64334  | 1.40% |
| 0.304% |     |        |        |        |    |       |        |       |
|        | 261 | 18.439 | 18.423 | 18.465 | VV | 418   | 7164   | 0.16% |
| 0.034% | 262 | 18.492 | 18.465 | 18.514 | VV | 1815  | 27224  | 0.59% |
| 0.129% | 263 | 18.539 | 18.514 | 18.568 | VV | 1272  | 24631  | 0.54% |
| 0.116% | 264 | 18.580 | 18.568 | 18.607 | VV | 379   | 5489   | 0.12% |
| 0.026% | 265 | 18.632 | 18.607 | 18.645 | VV | 827   | 9913   | 0.22% |
| 0.047% |     |        |        |        |    |       |        |       |
|        | 266 | 18.660 | 18.645 | 18.690 | VV | 852   | 14565  | 0.32% |
| 0.069% | 267 | 18.710 | 18.690 | 18.722 | PV | 792   | 9550   | 0.21% |
| 0.045% | 268 | 18.758 | 18.722 | 18.773 | VV | 3405  | 64953  | 1.41% |
| 0.307% | 269 | 18.790 | 18.773 | 18.835 | VV | 3963  | 84362  | 1.83% |

|        |     |        |        |        |    |      |        |       |
|--------|-----|--------|--------|--------|----|------|--------|-------|
|        |     |        |        | rteres |    |      |        |       |
| 0.399% | 270 | 18.845 | 18.835 | 18.854 | VV | 534  | 5591   | 0.12% |
| 0.026% |     |        |        |        |    |      |        |       |
|        | 271 | 18.887 | 18.854 | 18.934 | VV | 1396 | 40205  | 0.87% |
| 0.190% | 272 | 18.954 | 18.934 | 18.972 | VV | 939  | 12911  | 0.28% |
| 0.061% | 273 | 19.045 | 18.972 | 19.055 | VV | 687  | 24346  | 0.53% |
| 0.115% | 274 | 19.077 | 19.055 | 19.114 | VV | 765  | 16747  | 0.36% |
| 0.079% | 275 | 19.176 | 19.114 | 19.218 | VV | 2988 | 77672  | 1.69% |
| 0.367% |     |        |        |        |    |      |        |       |
|        | 276 | 19.228 | 19.218 | 19.254 | VV | 1015 | 20852  | 0.45% |
| 0.099% | 277 | 19.289 | 19.254 | 19.314 | VV | 2151 | 56776  | 1.23% |
| 0.268% | 278 | 19.353 | 19.314 | 19.388 | VV | 4088 | 113869 | 2.47% |
| 0.538% | 279 | 19.421 | 19.388 | 19.447 | VV | 3930 | 96039  | 2.09% |
| 0.454% | 280 | 19.470 | 19.447 | 19.492 | VV | 2788 | 68038  | 1.48% |
| 0.322% |     |        |        |        |    |      |        |       |
|        | 281 | 19.545 | 19.492 | 19.595 | VV | 4314 | 195089 | 4.24% |
| 0.922% | 282 | 19.635 | 19.595 | 19.678 | VV | 2914 | 116882 | 2.54% |
| 0.553% | 283 | 19.728 | 19.678 | 19.762 | VV | 4802 | 153663 | 3.34% |
| 0.727% | 284 | 19.807 | 19.762 | 19.851 | VV | 3665 | 157504 | 3.42% |
| 0.745% | 285 | 19.865 | 19.851 | 19.888 | VV | 2988 | 62525  | 1.36% |
| 0.296% |     |        |        |        |    |      |        |       |
|        | 286 | 19.911 | 19.888 | 19.934 | VV | 4160 | 95485  | 2.08% |
| 0.451% | 287 | 19.956 | 19.934 | 19.986 | VV | 3784 | 104110 | 2.26% |
| 0.492% | 288 | 20.081 | 19.986 | 20.092 | VV | 3566 | 202565 | 4.40% |
| 0.958% | 289 | 20.178 | 20.092 | 20.190 | VV | 3860 | 211650 | 4.60% |

| rteres                  |     |        |        |        |    |      |          |       |
|-------------------------|-----|--------|--------|--------|----|------|----------|-------|
| 1.001%                  | 290 | 20.203 | 20.190 | 20.225 | VV | 3901 | 79271    | 1.72% |
| 0.375%                  |     |        |        |        |    |      |          |       |
|                         | 291 | 20.263 | 20.225 | 20.288 | VV | 5517 | 171127   | 3.72% |
| 0.809%                  |     |        |        |        |    |      |          |       |
|                         | 292 | 20.307 | 20.288 | 20.324 | VV | 4795 | 101154   | 2.20% |
| 0.478%                  |     |        |        |        |    |      |          |       |
|                         | 293 | 20.372 | 20.324 | 20.381 | VV | 5507 | 171289   | 3.72% |
| 0.810%                  |     |        |        |        |    |      |          |       |
|                         | 294 | 20.414 | 20.381 | 20.504 | VV | 6404 | 401757   | 8.73% |
| 1.900%                  |     |        |        |        |    |      |          |       |
|                         | 295 | 20.524 | 20.504 | 20.573 | VV | 5068 | 194436   | 4.23% |
| 0.919%                  |     |        |        |        |    |      |          |       |
|                         | 296 | 20.617 | 20.573 | 20.660 | VV | 5696 | 246949   | 5.37% |
| 1.168%                  |     |        |        |        |    |      |          |       |
|                         | 297 | 20.693 | 20.660 | 20.700 | VV | 4271 | 98362    | 2.14% |
| 0.465%                  |     |        |        |        |    |      |          |       |
|                         | 298 | 20.714 | 20.700 | 20.767 | VV | 4335 | 162414   | 3.53% |
| 0.768%                  |     |        |        |        |    |      |          |       |
|                         | 299 | 20.807 | 20.767 | 20.839 | VV | 4113 | 162252   | 3.53% |
| 0.767%                  |     |        |        |        |    |      |          |       |
|                         | 300 | 20.911 | 20.839 | 20.943 | VV | 4657 | 237315   | 5.16% |
| 1.122%                  |     |        |        |        |    |      |          |       |
|                         | 301 | 21.010 | 20.943 | 21.043 | VV | 4679 | 232469   | 5.05% |
| 1.099%                  |     |        |        |        |    |      |          |       |
|                         | 302 | 21.071 | 21.043 | 21.181 | VV | 4599 | 253196   | 5.50% |
| 1.197%                  |     |        |        |        |    |      |          |       |
|                         | 303 | 21.190 | 21.181 | 21.205 | VV | 1700 | 23711    | 0.52% |
| 0.112%                  |     |        |        |        |    |      |          |       |
|                         | 304 | 21.229 | 21.205 | 21.248 | VV | 1825 | 42970    | 0.93% |
| 0.203%                  |     |        |        |        |    |      |          |       |
|                         | 305 | 21.263 | 21.248 | 21.325 | VV | 1745 | 60205    | 1.31% |
| 0.285%                  |     |        |        |        |    |      |          |       |
|                         | 306 | 21.350 | 21.325 | 21.401 | VV | 1487 | 48933    | 1.06% |
| 0.231%                  |     |        |        |        |    |      |          |       |
|                         | 307 | 21.466 | 21.401 | 21.572 | VV | 2037 | 102269   | 2.22% |
| 0.484%                  |     |        |        |        |    |      |          |       |
| Sum of corrected areas: |     |        |        |        |    |      | 21148979 |       |

rteres

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