

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120825AL\  
Data File : FE057232.D  
Signal(s) : FID1B.ch  
Acq On : 09 Dec 2025 05:16  
Sample : Q3806-05  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 112725.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         | 2.556       | 2.524        | 2.574      | BV       | 120            | 1402         | 0.03%          | 0.002%        |
| 2         | 2.624       | 2.574        | 2.692      | VV       | 163            | 3302         | 0.07%          | 0.005%        |
| 3         | 2.719       | 2.692        | 2.738      | VV       | 186            | 2453         | 0.05%          | 0.004%        |
| 4         | 2.748       | 2.738        | 2.771      | VV       | 106            | 1393         | 0.03%          | 0.002%        |
| 5         | 2.781       | 2.771        | 2.814      | PV       | 100            | 1906         | 0.04%          | 0.003%        |
| 6         | 2.827       | 2.814        | 2.886      | VV       | 196            | 4647         | 0.09%          | 0.007%        |
| 7         | 2.898       | 2.886        | 2.909      | VV       | 135            | 1044         | 0.02%          | 0.002%        |
| 8         | 2.924       | 2.909        | 2.968      | VV       | 199            | 3797         | 0.08%          | 0.006%        |
| 9         | 2.991       | 2.968        | 3.038      | PV       | 311            | 3800         | 0.08%          | 0.006%        |
| 10        | 3.069       | 3.038        | 3.085      | PV       | 297            | 4599         | 0.09%          | 0.007%        |
| 11        | 3.097       | 3.085        | 3.128      | VV       | 225            | 2857         | 0.06%          | 0.004%        |
| 12        | 3.133       | 3.128        | 3.201      | VV       | 146            | 3878         | 0.08%          | 0.006%        |
| 13        | 3.214       | 3.201        | 3.241      | VV       | 134            | 1743         | 0.04%          | 0.003%        |
| 14        | 3.248       | 3.241        | 3.255      | VV       | 120            | 743          | 0.02%          | 0.001%        |
| 15        | 3.290       | 3.255        | 3.328      | VV       | 705            | 13614        | 0.28%          | 0.021%        |
| 16        | 3.336       | 3.328        | 3.387      | VV       | 174            | 3692         | 0.07%          | 0.006%        |
| 17        | 3.427       | 3.387        | 3.481      | VV       | 270            | 6918         | 0.14%          | 0.011%        |
| 18        | 3.491       | 3.481        | 3.518      | VV       | 175            | 2622         | 0.05%          | 0.004%        |
| 19        | 3.531       | 3.518        | 3.553      | VV       | 178            | 2218         | 0.04%          | 0.003%        |
| 20        | 3.568       | 3.553        | 3.584      | VV       | 322            | 2825         | 0.06%          | 0.004%        |
| 21        | 3.601       | 3.584        | 3.648      | VV       | 525            | 10354        | 0.21%          | 0.016%        |
| 22        | 3.656       | 3.648        | 3.663      | VV       | 253            | 1891         | 0.04%          | 0.003%        |
| 23        | 3.679       | 3.663        | 3.713      | VV       | 287            | 5655         | 0.11%          | 0.009%        |
| 24        | 3.733       | 3.713        | 3.774      | VV       | 647            | 12394        | 0.25%          | 0.019%        |
| 25        | 3.817       | 3.774        | 3.849      | VV       | 524            | 16196        | 0.33%          | 0.025%        |
| 26        | 3.873       | 3.849        | 3.898      | VV       | 328            | 7132         | 0.14%          | 0.011%        |
| 27        | 3.921       | 3.898        | 3.944      | VV       | 592            | 9106         | 0.18%          | 0.014%        |
| 28        | 3.982       | 3.944        | 4.036      | VV       | 786            | 20795        | 0.42%          | 0.032%        |
| 29        | 4.083       | 4.036        | 4.098      | VV       | 1075           | 17239        | 0.35%          | 0.026%        |
| 30        | 4.113       | 4.098        | 4.134      | VV       | 934            | 14343        | 0.29%          | 0.022%        |
| 31        | 4.150       | 4.134        | 4.171      | VV       | 461            | 8873         | 0.18%          | 0.014%        |
| 32        | 4.190       | 4.171        | 4.238      | VV       | 902            | 14670        | 0.30%          | 0.022%        |
| 33        | 4.255       | 4.238        | 4.265      | VV       | 428            | 4013         | 0.08%          | 0.006%        |
| 34        | 4.282       | 4.265        | 4.297      | VV       | 1018           | 11712        | 0.24%          | 0.018%        |
| 35        | 4.313       | 4.297        | 4.342      | VV       | 969            | 16382        | 0.33%          | 0.025%        |
| 36        | 4.349       | 4.342        | 4.401      | VV       | 457            | 8538         | 0.17%          | 0.013%        |

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|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 4.434 | 4.401 | 4.459 | PV | 390    | 6730   | 0.14% | 0.010% |
| 38 | 4.481 | 4.459 | 4.504 | VV | 611    | 8901   | 0.18% | 0.014% |
| 39 | 4.544 | 4.504 | 4.578 | VV | 3972   | 54447  | 1.10% | 0.083% |
| 40 | 4.590 | 4.578 | 4.604 | VV | 706    | 9344   | 0.19% | 0.014% |
| 41 | 4.619 | 4.604 | 4.641 | VV | 603    | 9383   | 0.19% | 0.014% |
| 42 | 4.665 | 4.641 | 4.687 | VV | 261    | 4202   | 0.09% | 0.006% |
| 43 | 4.719 | 4.687 | 4.738 | VV | 648    | 9386   | 0.19% | 0.014% |
| 44 | 4.754 | 4.738 | 4.785 | VV | 715    | 14088  | 0.29% | 0.022% |
| 45 | 4.794 | 4.785 | 4.808 | VV | 438    | 4667   | 0.09% | 0.007% |
| 46 | 4.826 | 4.808 | 4.840 | VV | 2163   | 21821  | 0.44% | 0.033% |
| 47 | 4.851 | 4.840 | 4.867 | VV | 1289   | 13074  | 0.26% | 0.020% |
| 48 | 4.885 | 4.867 | 4.895 | VV | 1216   | 13824  | 0.28% | 0.021% |
| 49 | 4.907 | 4.895 | 4.928 | VV | 1192   | 13864  | 0.28% | 0.021% |
| 50 | 4.956 | 4.928 | 4.965 | VV | 883    | 13808  | 0.28% | 0.021% |
| 51 | 4.981 | 4.965 | 4.994 | VV | 1473   | 20464  | 0.41% | 0.031% |
| 52 | 5.005 | 4.994 | 5.031 | VV | 1143   | 17636  | 0.36% | 0.027% |
| 53 | 5.053 | 5.031 | 5.095 | VV | 3424   | 51896  | 1.05% | 0.079% |
| 54 | 5.131 | 5.095 | 5.142 | VV | 765    | 15462  | 0.31% | 0.024% |
| 55 | 5.157 | 5.142 | 5.186 | VV | 835    | 12419  | 0.25% | 0.019% |
| 56 | 5.221 | 5.186 | 5.237 | VV | 1689   | 21494  | 0.44% | 0.033% |
| 57 | 5.255 | 5.237 | 5.277 | VV | 2580   | 34251  | 0.69% | 0.052% |
| 58 | 5.297 | 5.277 | 5.331 | VV | 2752   | 51624  | 1.05% | 0.079% |
| 59 | 5.363 | 5.331 | 5.399 | VV | 2887   | 53883  | 1.09% | 0.082% |
| 60 | 5.411 | 5.399 | 5.439 | VV | 306    | 5779   | 0.12% | 0.009% |
| 61 | 5.462 | 5.439 | 5.475 | VV | 1446   | 17869  | 0.36% | 0.027% |
| 62 | 5.485 | 5.475 | 5.498 | VV | 1158   | 12941  | 0.26% | 0.020% |
| 63 | 5.525 | 5.498 | 5.538 | VV | 1947   | 30346  | 0.61% | 0.046% |
| 64 | 5.560 | 5.538 | 5.600 | VV | 2145   | 51952  | 1.05% | 0.080% |
| 65 | 5.623 | 5.600 | 5.638 | VV | 1242   | 21374  | 0.43% | 0.033% |
| 66 | 5.650 | 5.638 | 5.664 | VV | 760    | 8671   | 0.18% | 0.013% |
| 67 | 5.686 | 5.664 | 5.713 | VV | 13652  | 191218 | 3.87% | 0.293% |
| 68 | 5.721 | 5.713 | 5.791 | VV | 2599   | 55353  | 1.12% | 0.085% |
| 69 | 5.811 | 5.791 | 5.822 | VV | 802    | 11554  | 0.23% | 0.018% |
| 70 | 5.833 | 5.822 | 5.844 | VV | 740    | 8451   | 0.17% | 0.013% |
| 71 | 5.865 | 5.844 | 5.878 | VV | 3583   | 44847  | 0.91% | 0.069% |
| 72 | 5.887 | 5.878 | 5.931 | VV | 2569   | 51603  | 1.05% | 0.079% |
| 73 | 5.947 | 5.931 | 5.963 | VV | 2479   | 29398  | 0.60% | 0.045% |
| 74 | 5.987 | 5.963 | 6.027 | VV | 6449   | 127556 | 2.58% | 0.195% |
| 75 | 6.046 | 6.027 | 6.063 | VV | 3031   | 45445  | 0.92% | 0.070% |
| 76 | 6.084 | 6.063 | 6.130 | VV | 4142   | 100658 | 2.04% | 0.154% |
| 77 | 6.141 | 6.130 | 6.148 | VV | 1450   | 14064  | 0.28% | 0.022% |
| 78 | 6.165 | 6.148 | 6.196 | VV | 3000   | 52795  | 1.07% | 0.081% |
| 79 | 6.216 | 6.196 | 6.239 | VV | 3032   | 54408  | 1.10% | 0.083% |
| 80 | 6.273 | 6.239 | 6.291 | VV | 2995   | 69046  | 1.40% | 0.106% |
| 81 | 6.313 | 6.291 | 6.334 | VV | 4024   | 65925  | 1.34% | 0.101% |
| 82 | 6.361 | 6.334 | 6.384 | VV | 4373   | 65900  | 1.34% | 0.101% |
| 83 | 6.423 | 6.384 | 6.474 | VV | 5035   | 154853 | 3.14% | 0.237% |
| 84 | 6.492 | 6.474 | 6.523 | VV | 3175   | 70596  | 1.43% | 0.108% |
| 85 | 6.539 | 6.523 | 6.568 | VV | 3539   | 69182  | 1.40% | 0.106% |
| 86 | 6.588 | 6.568 | 6.613 | VV | 2546   | 53348  | 1.08% | 0.082% |
| 87 | 6.654 | 6.613 | 6.698 | VV | 3685   | 127758 | 2.59% | 0.196% |
| 88 | 6.718 | 6.698 | 6.765 | VV | 13443  | 209004 | 4.23% | 0.320% |
| 89 | 6.774 | 6.765 | 6.789 | VV | 1641   | 20253  | 0.41% | 0.031% |

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|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 6.810 | 6.789 | 6.824 | VV | 2137   | 34696  | 0.70% | 0.053% |
| 91  | 6.842 | 6.824 | 6.851 | VV | 3056   | 37543  | 0.76% | 0.057% |
| 92  | 6.869 | 6.851 | 6.894 | VV | 8526   | 122878 | 2.49% | 0.188% |
| 93  | 6.905 | 6.894 | 6.930 | VV | 3045   | 56334  | 1.14% | 0.086% |
| 94  | 6.941 | 6.930 | 6.964 | VV | 2814   | 44223  | 0.90% | 0.068% |
| 95  | 6.977 | 6.964 | 6.989 | VV | 2355   | 28973  | 0.59% | 0.044% |
| 96  | 7.007 | 6.989 | 7.028 | VV | 4295   | 67251  | 1.36% | 0.103% |
| 97  | 7.045 | 7.028 | 7.067 | VV | 3790   | 63889  | 1.29% | 0.098% |
| 98  | 7.081 | 7.067 | 7.096 | VV | 3215   | 41508  | 0.84% | 0.064% |
| 99  | 7.132 | 7.096 | 7.162 | VV | 7080   | 149487 | 3.03% | 0.229% |
| 100 | 7.170 | 7.162 | 7.199 | VV | 2672   | 52394  | 1.06% | 0.080% |
| 101 | 7.249 | 7.199 | 7.274 | VV | 4684   | 140025 | 2.84% | 0.214% |
| 102 | 7.293 | 7.274 | 7.320 | VV | 4906   | 87864  | 1.78% | 0.134% |
| 103 | 7.339 | 7.320 | 7.353 | VV | 3722   | 59899  | 1.21% | 0.092% |
| 104 | 7.367 | 7.353 | 7.385 | VV | 4573   | 69598  | 1.41% | 0.107% |
| 105 | 7.395 | 7.385 | 7.417 | VV | 3696   | 55363  | 1.12% | 0.085% |
| 106 | 7.438 | 7.417 | 7.477 | VV | 7824   | 141346 | 2.86% | 0.216% |
| 107 | 7.510 | 7.477 | 7.523 | VV | 3014   | 68255  | 1.38% | 0.104% |
| 108 | 7.538 | 7.523 | 7.556 | VV | 3455   | 50513  | 1.02% | 0.077% |
| 109 | 7.571 | 7.556 | 7.594 | VV | 2090   | 46020  | 0.93% | 0.070% |
| 110 | 7.611 | 7.594 | 7.634 | VV | 2284   | 49522  | 1.00% | 0.076% |
| 111 | 7.666 | 7.634 | 7.694 | VV | 13536  | 234011 | 4.74% | 0.358% |
| 112 | 7.711 | 7.694 | 7.736 | VV | 3278   | 67546  | 1.37% | 0.103% |
| 113 | 7.753 | 7.736 | 7.810 | VV | 2942   | 92328  | 1.87% | 0.141% |
| 114 | 7.844 | 7.810 | 7.884 | VV | 5676   | 133857 | 2.71% | 0.205% |
| 115 | 7.898 | 7.884 | 7.917 | VV | 2454   | 38246  | 0.77% | 0.059% |
| 116 | 7.951 | 7.917 | 7.959 | VV | 1702   | 38530  | 0.78% | 0.059% |
| 117 | 8.095 | 8.085 | 8.168 | VV | 7507   | 305907 | 6.20% | 0.468% |
| 118 | 8.194 | 8.168 | 8.216 | VV | 5030   | 124695 | 2.53% | 0.191% |
| 119 | 8.241 | 8.216 | 8.262 | VV | 4853   | 106043 | 2.15% | 0.162% |
| 120 | 8.287 | 8.262 | 8.348 | VV | 4961   | 185954 | 3.77% | 0.285% |
| 121 | 8.367 | 8.348 | 8.388 | VV | 7637   | 114402 | 2.32% | 0.175% |
| 122 | 8.416 | 8.388 | 8.441 | VV | 3289   | 91543  | 1.85% | 0.140% |
| 123 | 8.460 | 8.441 | 8.477 | VV | 3381   | 59395  | 1.20% | 0.091% |
| 124 | 8.496 | 8.477 | 8.509 | VV | 3449   | 59138  | 1.20% | 0.091% |
| 125 | 8.549 | 8.509 | 8.579 | VV | 9351   | 200758 | 4.07% | 0.307% |
| 126 | 8.595 | 8.579 | 8.621 | VV | 3312   | 64620  | 1.31% | 0.099% |
| 127 | 8.643 | 8.621 | 8.651 | VV | 2395   | 38074  | 0.77% | 0.058% |
| 128 | 8.666 | 8.651 | 8.683 | VV | 2518   | 43945  | 0.89% | 0.067% |
| 129 | 8.703 | 8.683 | 8.730 | VV | 2620   | 65168  | 1.32% | 0.100% |
| 130 | 8.741 | 8.730 | 8.755 | VV | 2221   | 29064  | 0.59% | 0.044% |
| 131 | 8.775 | 8.755 | 8.814 | VV | 3036   | 72790  | 1.47% | 0.111% |
| 132 | 9.041 | 9.028 | 9.059 | VV | 6616   | 116864 | 2.37% | 0.179% |
| 133 | 9.090 | 9.059 | 9.128 | VV | 9377   | 242151 | 4.91% | 0.371% |
| 134 | 9.139 | 9.128 | 9.158 | VV | 4002   | 67138  | 1.36% | 0.103% |
| 135 | 9.168 | 9.158 | 9.191 | VV | 3488   | 62128  | 1.26% | 0.095% |
| 136 | 9.218 | 9.191 | 9.276 | VV | 3325   | 148075 | 3.00% | 0.227% |
| 137 | 9.315 | 9.276 | 9.356 | VV | 2837   | 118678 | 2.40% | 0.182% |
| 138 | 9.380 | 9.356 | 9.419 | VV | 6725   | 135766 | 2.75% | 0.208% |
| 139 | 9.433 | 9.419 | 9.447 | VV | 1995   | 30906  | 0.63% | 0.047% |
| 140 | 9.464 | 9.447 | 9.491 | VV | 2095   | 47154  | 0.96% | 0.072% |
| 141 | 9.505 | 9.491 | 9.570 | VV | 1507   | 61080  | 1.24% | 0.093% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 9.585  | 9.570  | 9.597  | VV | 1421   | 20012   | 0.41%   | 0.031% |
| 143 | 9.613  | 9.597  | 9.650  | VV | 1625   | 35719   | 0.72%   | 0.055% |
| 144 | 9.669  | 9.650  | 9.702  | VV | 1230   | 32836   | 0.67%   | 0.050% |
| 145 | 9.715  | 9.702  | 9.732  | VV | 967    | 15931   | 0.32%   | 0.024% |
| 146 | 9.755  | 9.732  | 9.786  | VV | 1926   | 43572   | 0.88%   | 0.067% |
| 147 | 9.839  | 9.786  | 9.866  | VV | 1865   | 64969   | 1.32%   | 0.099% |
| 148 | 9.885  | 9.866  | 9.903  | VV | 1331   | 24676   | 0.50%   | 0.038% |
| 149 | 9.919  | 9.903  | 9.929  | VV | 1199   | 16693   | 0.34%   | 0.026% |
| 150 | 9.940  | 9.929  | 9.964  | VV | 1175   | 19486   | 0.39%   | 0.030% |
| 151 | 9.995  | 9.964  | 10.048 | VV | 816    | 27612   | 0.56%   | 0.042% |
| 152 | 10.081 | 10.048 | 10.102 | VV | 3931   | 82381   | 1.67%   | 0.126% |
| 153 | 10.114 | 10.102 | 10.141 | VV | 3447   | 68600   | 1.39%   | 0.105% |
| 154 | 10.162 | 10.141 | 10.252 | VV | 6135   | 147067  | 2.98%   | 0.225% |
| 155 | 10.263 | 10.252 | 10.308 | VV | 968    | 24055   | 0.49%   | 0.037% |
| 156 | 10.343 | 10.308 | 10.423 | VV | 647    | 31360   | 0.64%   | 0.048% |
| 157 | 10.437 | 10.423 | 10.460 | VV | 389    | 6031    | 0.12%   | 0.009% |
| 158 | 10.549 | 10.460 | 10.614 | VV | 3476   | 107162  | 2.17%   | 0.164% |
| 159 | 10.641 | 10.614 | 10.675 | VV | 1059   | 23029   | 0.47%   | 0.035% |
| 160 | 10.696 | 10.675 | 10.745 | VV | 1047   | 18659   | 0.38%   | 0.029% |
| 161 | 10.788 | 10.745 | 10.803 | VV | 445    | 10447   | 0.21%   | 0.016% |
| 162 | 10.829 | 10.803 | 10.864 | VV | 803    | 17079   | 0.35%   | 0.026% |
| 163 | 10.903 | 10.864 | 10.940 | VV | 4182   | 63093   | 1.28%   | 0.097% |
| 164 | 10.973 | 10.940 | 11.001 | VV | 3146   | 48364   | 0.98%   | 0.074% |
| 165 | 11.016 | 11.001 | 11.090 | VV | 488    | 14329   | 0.29%   | 0.022% |
| 166 | 11.125 | 11.090 | 11.192 | VV | 474    | 10562   | 0.21%   | 0.016% |
| 167 | 11.232 | 11.192 | 11.265 | PV | 1057   | 29913   | 0.61%   | 0.046% |
| 168 | 11.298 | 11.265 | 11.341 | VV | 1065   | 34496   | 0.70%   | 0.053% |
| 169 | 11.358 | 11.341 | 11.393 | VV | 640    | 13606   | 0.28%   | 0.021% |
| 170 | 11.411 | 11.393 | 11.447 | VV | 408    | 7639    | 0.15%   | 0.012% |
| 171 | 11.461 | 11.447 | 11.484 | VV | 97     | 1489    | 0.03%   | 0.002% |
| 172 | 11.493 | 11.484 | 11.515 | VV | 147    | 2056    | 0.04%   | 0.003% |
| 173 | 11.541 | 11.515 | 11.564 | VV | 847    | 12235   | 0.25%   | 0.019% |
| 174 | 11.608 | 11.564 | 11.652 | VV | 3708   | 57750   | 1.17%   | 0.088% |
| 175 | 11.698 | 11.652 | 11.749 | VV | 2333   | 39259   | 0.80%   | 0.060% |
| 176 | 11.804 | 11.749 | 11.826 | VV | 426    | 7759    | 0.16%   | 0.012% |
| 177 | 11.852 | 11.826 | 11.880 | PV | 785    | 11982   | 0.24%   | 0.018% |
| 178 | 11.932 | 11.880 | 12.028 | VV | 442752 | 4935839 | 100.00% | 7.555% |
| 179 | 12.048 | 12.028 | 12.081 | VV | 1709   | 44230   | 0.90%   | 0.068% |
| 180 | 12.099 | 12.081 | 12.149 | VV | 1534   | 44517   | 0.90%   | 0.068% |
| 181 | 12.160 | 12.149 | 12.179 | VV | 770    | 11878   | 0.24%   | 0.018% |
| 182 | 12.187 | 12.179 | 12.199 | VV | 575    | 6781    | 0.14%   | 0.010% |
| 183 | 12.218 | 12.199 | 12.235 | VV | 692    | 11870   | 0.24%   | 0.018% |
| 184 | 12.280 | 12.235 | 12.315 | VV | 3355   | 56925   | 1.15%   | 0.087% |
| 185 | 12.340 | 12.315 | 12.368 | VV | 983    | 16180   | 0.33%   | 0.025% |
| 186 | 12.385 | 12.368 | 12.461 | VV | 431    | 10851   | 0.22%   | 0.017% |
| 187 | 12.509 | 12.461 | 12.524 | PV | 329    | 7058    | 0.14%   | 0.011% |
| 188 | 12.548 | 12.524 | 12.624 | VV | 3498   | 86120   | 1.74%   | 0.132% |
| 189 | 12.665 | 12.624 | 12.724 | VV | 948    | 40385   | 0.82%   | 0.062% |
| 190 | 12.750 | 12.724 | 12.759 | VV | 579    | 10007   | 0.20%   | 0.015% |
| 191 | 12.780 | 12.759 | 12.809 | VV | 1362   | 21763   | 0.44%   | 0.033% |
| 192 | 12.854 | 12.809 | 12.876 | VV | 507    | 14112   | 0.29%   | 0.022% |
| 193 | 12.921 | 12.876 | 12.964 | VV | 3460   | 63337   | 1.28%   | 0.097% |
| 194 | 12.990 | 12.964 | 13.003 | VV | 1493   | 22961   | 0.47%   | 0.035% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.028 | 13.003 | 13.099 | VV | 3101   | 76466   | 1.55%  | 0.117% |
| 196 | 13.115 | 13.099 | 13.128 | VV | 215    | 2498    | 0.05%  | 0.004% |
| 197 | 13.137 | 13.128 | 13.154 | VV | 219    | 1957    | 0.04%  | 0.003% |
| 198 | 13.181 | 13.154 | 13.204 | PV | 279    | 3649    | 0.07%  | 0.006% |
| 199 | 13.217 | 13.204 | 13.234 | VV | 250    | 3111    | 0.06%  | 0.005% |
| 200 | 13.248 | 13.234 | 13.260 | VV | 183    | 1813    | 0.04%  | 0.003% |
| 201 | 13.284 | 13.260 | 13.301 | PV | 192    | 2628    | 0.05%  | 0.004% |
| 202 | 13.325 | 13.301 | 13.336 | VV | 3682   | 49331   | 1.00%  | 0.076% |
| 203 | 13.370 | 13.336 | 13.508 | VV | 252921 | 3257109 | 65.99% | 4.985% |
| 204 | 13.534 | 13.508 | 13.567 | VV | 3329   | 61036   | 1.24%  | 0.093% |
| 205 | 13.592 | 13.567 | 13.621 | VV | 997    | 25477   | 0.52%  | 0.039% |
| 206 | 13.651 | 13.621 | 13.720 | VV | 784    | 30195   | 0.61%  | 0.046% |
| 207 | 13.763 | 13.720 | 13.783 | VV | 641    | 14675   | 0.30%  | 0.022% |
| 208 | 13.815 | 13.783 | 13.868 | VV | 1088   | 28293   | 0.57%  | 0.043% |
| 209 | 13.950 | 13.868 | 14.011 | VV | 807    | 41202   | 0.83%  | 0.063% |
| 210 | 14.023 | 14.011 | 14.034 | VV | 445    | 4663    | 0.09%  | 0.007% |
| 211 | 14.078 | 14.034 | 14.100 | VV | 1394   | 30392   | 0.62%  | 0.047% |
| 212 | 14.121 | 14.100 | 14.173 | VV | 2832   | 50739   | 1.03%  | 0.078% |
| 213 | 14.193 | 14.173 | 14.221 | VV | 652    | 15530   | 0.31%  | 0.024% |
| 214 | 14.250 | 14.221 | 14.313 | VV | 1113   | 24730   | 0.50%  | 0.038% |
| 215 | 14.355 | 14.313 | 14.374 | PV | 491    | 8735    | 0.18%  | 0.013% |
| 216 | 14.391 | 14.374 | 14.407 | VV | 209    | 3074    | 0.06%  | 0.005% |
| 217 | 14.423 | 14.407 | 14.447 | VV | 173    | 2494    | 0.05%  | 0.004% |
| 218 | 14.458 | 14.447 | 14.471 | VV | 90     | 687     | 0.01%  | 0.001% |
| 219 | 14.490 | 14.471 | 14.502 | PV | 314    | 3879    | 0.08%  | 0.006% |
| 220 | 14.538 | 14.502 | 14.551 | VV | 784    | 16158   | 0.33%  | 0.025% |
| 221 | 14.563 | 14.551 | 14.588 | VV | 752    | 9351    | 0.19%  | 0.014% |
| 222 | 14.636 | 14.588 | 14.664 | VV | 1099   | 17858   | 0.36%  | 0.027% |
| 223 | 14.686 | 14.664 | 14.711 | VV | 2208   | 28833   | 0.58%  | 0.044% |
| 224 | 14.754 | 14.711 | 14.772 | VV | 960    | 14895   | 0.30%  | 0.023% |
| 225 | 14.807 | 14.772 | 14.844 | VV | 606    | 17176   | 0.35%  | 0.026% |
| 226 | 14.856 | 14.844 | 14.868 | VV | 285    | 2434    | 0.05%  | 0.004% |
| 227 | 14.909 | 14.868 | 14.924 | VV | 568    | 12289   | 0.25%  | 0.019% |
| 228 | 14.945 | 14.924 | 14.959 | VV | 436    | 7132    | 0.14%  | 0.011% |
| 229 | 15.083 | 14.959 | 15.154 | VV | 380    | 19633   | 0.40%  | 0.030% |
| 230 | 15.187 | 15.154 | 15.201 | PV | 934    | 13734   | 0.28%  | 0.021% |
| 231 | 15.229 | 15.201 | 15.251 | VV | 3459   | 55002   | 1.11%  | 0.084% |
| 232 | 15.277 | 15.251 | 15.321 | VV | 2088   | 56701   | 1.15%  | 0.087% |
| 233 | 15.336 | 15.321 | 15.352 | VV | 1032   | 15428   | 0.31%  | 0.024% |
| 234 | 15.365 | 15.352 | 15.402 | VV | 855    | 16788   | 0.34%  | 0.026% |
| 235 | 15.429 | 15.402 | 15.465 | VV | 787    | 17387   | 0.35%  | 0.027% |
| 236 | 15.480 | 15.465 | 15.500 | VV | 270    | 4167    | 0.08%  | 0.006% |
| 237 | 15.516 | 15.500 | 15.528 | PV | 388    | 4074    | 0.08%  | 0.006% |
| 238 | 15.539 | 15.528 | 15.548 | VV | 531    | 5076    | 0.10%  | 0.008% |
| 239 | 15.567 | 15.548 | 15.581 | VV | 596    | 9001    | 0.18%  | 0.014% |
| 240 | 15.618 | 15.581 | 15.710 | VV | 7437   | 190184  | 3.85%  | 0.291% |
| 241 | 15.749 | 15.710 | 15.788 | VV | 3437   | 63599   | 1.29%  | 0.097% |
| 242 | 15.820 | 15.788 | 15.854 | VV | 1341   | 27587   | 0.56%  | 0.042% |
| 243 | 15.891 | 15.854 | 15.925 | PV | 1106   | 22237   | 0.45%  | 0.034% |
| 244 | 15.976 | 15.925 | 15.987 | VV | 378    | 7502    | 0.15%  | 0.011% |
| 245 | 16.074 | 15.987 | 16.095 | PV | 735    | 23314   | 0.47%  | 0.036% |
| 246 | 16.137 | 16.095 | 16.157 | VV | 465    | 6341    | 0.13%  | 0.010% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.180 | 16.157 | 16.194 | VV | 303    | 4272    | 0.09%  | 0.007% |
| 248 | 16.251 | 16.194 | 16.294 | PV | 3917   | 72874   | 1.48%  | 0.112% |
| 249 | 16.344 | 16.294 | 16.364 | VV | 896    | 24739   | 0.50%  | 0.038% |
| 250 | 16.378 | 16.364 | 16.390 | VV | 317    | 3192    | 0.06%  | 0.005% |
| 251 | 16.454 | 16.390 | 16.477 | PV | 627    | 10519   | 0.21%  | 0.016% |
| 252 | 16.559 | 16.477 | 16.578 | VV | 573    | 9939    | 0.20%  | 0.015% |
| 253 | 16.599 | 16.578 | 16.618 | PV | 466    | 8534    | 0.17%  | 0.013% |
| 254 | 16.636 | 16.618 | 16.668 | VV | 1111   | 17247   | 0.35%  | 0.026% |
| 255 | 16.701 | 16.668 | 16.714 | VV | 664    | 11062   | 0.22%  | 0.017% |
| 256 | 16.736 | 16.714 | 16.760 | VV | 4811   | 63471   | 1.29%  | 0.097% |
| 257 | 16.817 | 16.760 | 16.859 | VV | 2345   | 86378   | 1.75%  | 0.132% |
| 258 | 16.899 | 16.859 | 16.917 | VV | 1434   | 36346   | 0.74%  | 0.056% |
| 259 | 17.589 | 17.557 | 17.606 | VV | 1675   | 42052   | 0.85%  | 0.064% |
| 260 | 17.003 | 16.991 | 17.017 | VV | 487    | 5644    | 0.11%  | 0.009% |
| 261 | 17.039 | 17.017 | 17.085 | PV | 1247   | 26277   | 0.53%  | 0.040% |
| 262 | 17.116 | 17.085 | 17.144 | VV | 2154   | 38578   | 0.78%  | 0.059% |
| 263 | 17.203 | 17.144 | 17.241 | PV | 7388   | 178427  | 3.61%  | 0.273% |
| 264 | 17.250 | 17.241 | 17.271 | VV | 2375   | 33787   | 0.68%  | 0.052% |
| 265 | 17.288 | 17.271 | 17.323 | VV | 2422   | 44515   | 0.90%  | 0.068% |
| 266 | 17.333 | 17.323 | 17.348 | VV | 565    | 5699    | 0.12%  | 0.009% |
| 267 | 17.448 | 17.348 | 17.467 | VV | 1748   | 60315   | 1.22%  | 0.092% |
| 268 | 17.531 | 17.467 | 17.557 | VV | 2399   | 75794   | 1.54%  | 0.116% |
| 269 | 17.589 | 17.557 | 17.606 | VV | 3516   | 73138   | 1.48%  | 0.112% |
| 270 | 17.656 | 17.606 | 17.688 | VV | 16343  | 311888  | 6.32%  | 0.477% |
| 271 | 17.700 | 17.688 | 17.714 | VV | 2448   | 29397   | 0.60%  | 0.045% |
| 272 | 17.769 | 17.714 | 17.795 | VV | 3227   | 93275   | 1.89%  | 0.143% |
| 273 | 17.837 | 17.795 | 17.881 | VV | 2216   | 63606   | 1.29%  | 0.097% |
| 274 | 17.898 | 17.881 | 17.908 | VV | 732    | 7855    | 0.16%  | 0.012% |
| 275 | 17.922 | 17.908 | 17.930 | PV | 940    | 8305    | 0.17%  | 0.013% |
| 276 | 17.951 | 17.930 | 17.967 | VV | 1164   | 13803   | 0.28%  | 0.021% |
| 277 | 18.094 | 17.967 | 18.125 | VV | 11238  | 272774  | 5.53%  | 0.418% |
| 278 | 18.188 | 18.125 | 18.206 | VV | 4877   | 102190  | 2.07%  | 0.156% |
| 279 | 18.239 | 18.206 | 18.261 | VV | 11576  | 201700  | 4.09%  | 0.309% |
| 280 | 18.271 | 18.261 | 18.298 | VV | 5216   | 86247   | 1.75%  | 0.132% |
| 281 | 18.303 | 18.298 | 18.332 | VV | 2601   | 46306   | 0.94%  | 0.071% |
| 282 | 18.424 | 18.332 | 18.438 | VV | 5376   | 200476  | 4.06%  | 0.307% |
| 283 | 18.468 | 18.438 | 18.489 | VV | 8788   | 199142  | 4.03%  | 0.305% |
| 284 | 18.517 | 18.489 | 18.543 | VV | 17195  | 299737  | 6.07%  | 0.459% |
| 285 | 18.609 | 18.543 | 18.632 | VV | 12044  | 354507  | 7.18%  | 0.543% |
| 286 | 18.641 | 18.632 | 18.664 | VV | 6747   | 104866  | 2.12%  | 0.161% |
| 287 | 18.831 | 18.664 | 18.844 | VV | 7107   | 572768  | 11.60% | 0.877% |
| 288 | 18.853 | 18.844 | 18.867 | VV | 6338   | 79905   | 1.62%  | 0.122% |
| 289 | 18.928 | 18.867 | 18.961 | VV | 19619  | 564806  | 11.44% | 0.865% |
| 290 | 18.978 | 18.961 | 18.986 | VV | 7614   | 103432  | 2.10%  | 0.158% |
| 291 | 19.032 | 18.986 | 19.058 | VV | 18826  | 496797  | 10.07% | 0.760% |
| 292 | 19.081 | 19.058 | 19.130 | VV | 14016  | 480463  | 9.73%  | 0.735% |
| 293 | 19.155 | 19.130 | 19.165 | VV | 9776   | 194008  | 3.93%  | 0.297% |
| 294 | 19.186 | 19.165 | 19.198 | VV | 10246  | 196286  | 3.98%  | 0.300% |
| 295 | 19.212 | 19.198 | 19.232 | VV | 11136  | 214171  | 4.34%  | 0.328% |
| 296 | 19.328 | 19.232 | 19.350 | VV | 23466  | 1024310 | 20.75% | 1.568% |
| 297 | 19.363 | 19.350 | 19.386 | VV | 15940  | 300620  | 6.09%  | 0.460% |
| 298 | 19.437 | 19.386 | 19.481 | VV | 18104  | 797943  | 16.17% | 1.221% |
| 299 | 19.612 | 19.481 | 19.651 | VV | 16962  | 1491067 | 30.21% | 2.282% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.715 | 19.651 | 19.735 | VV | 27303  | 959749  | 19.44% | 1.469% |
| 301 | 19.744 | 19.735 | 19.768 | VV | 22149  | 391554  | 7.93%  | 0.599% |
| 302 | 19.790 | 19.768 | 19.801 | VV | 19038  | 370386  | 7.50%  | 0.567% |
| 303 | 19.835 | 19.801 | 19.865 | VV | 23078  | 757750  | 15.35% | 1.160% |
| 304 | 19.870 | 19.865 | 19.885 | VV | 18976  | 214974  | 4.36%  | 0.329% |
| 305 | 19.918 | 19.885 | 19.931 | VV | 20997  | 534441  | 10.83% | 0.818% |
| 306 | 20.007 | 19.931 | 20.016 | VV | 23905  | 1093732 | 22.16% | 1.674% |
| 307 | 20.088 | 20.016 | 20.115 | VV | 32679  | 1591125 | 32.24% | 2.435% |
| 308 | 20.141 | 20.115 | 20.154 | VV | 28321  | 625076  | 12.66% | 0.957% |
| 309 | 20.169 | 20.154 | 20.196 | VV | 26167  | 635534  | 12.88% | 0.973% |
| 310 | 20.251 | 20.196 | 20.318 | VV | 29323  | 1957852 | 39.67% | 2.997% |
| 311 | 20.366 | 20.318 | 20.382 | VV | 35421  | 1189349 | 24.10% | 1.820% |
| 312 | 20.393 | 20.382 | 20.404 | VV | 30952  | 406932  | 8.24%  | 0.623% |
| 313 | 20.456 | 20.404 | 20.481 | VV | 40300  | 1539122 | 31.18% | 2.356% |
| 314 | 20.528 | 20.481 | 20.548 | VV | 37582  | 1389337 | 28.15% | 2.127% |
| 315 | 20.570 | 20.548 | 20.580 | VV | 36112  | 675014  | 13.68% | 1.033% |
| 316 | 20.671 | 20.580 | 20.691 | VV | 39861  | 2554574 | 51.76% | 3.910% |
| 317 | 20.700 | 20.691 | 20.721 | VV | 38188  | 676846  | 13.71% | 1.036% |
| 318 | 20.728 | 20.721 | 20.748 | VV | 38697  | 595943  | 12.07% | 0.912% |
| 319 | 20.754 | 20.748 | 20.798 | VV | 37099  | 1098014 | 22.25% | 1.681% |
| 320 | 20.814 | 20.798 | 20.848 | VV | 43056  | 1180380 | 23.91% | 1.807% |
| 321 | 20.865 | 20.848 | 20.881 | VV | 38185  | 730883  | 14.81% | 1.119% |
| 322 | 20.937 | 20.881 | 20.978 | VV | 36707  | 2028739 | 41.10% | 3.105% |
| 323 | 20.988 | 20.978 | 20.998 | VV | 35257  | 435760  | 8.83%  | 0.667% |
| 324 | 21.006 | 20.998 | 21.015 | VV | 35619  | 339540  | 6.88%  | 0.520% |
| 325 | 21.023 | 21.015 | 21.060 | VV | 34650  | 924212  | 18.72% | 1.415% |
| 326 | 21.070 | 21.060 | 21.082 | VV | 33486  | 413199  | 8.37%  | 0.632% |
| 327 | 21.091 | 21.082 | 21.117 | VV | 31944  | 649000  | 13.15% | 0.993% |
| 328 | 21.134 | 21.117 | 21.164 | VV | 31176  | 838054  | 16.98% | 1.283% |
| 329 | 21.197 | 21.164 | 21.244 | VV | 31738  | 1377640 | 27.91% | 2.109% |
| 330 | 21.285 | 21.244 | 21.300 | VV | 26937  | 859167  | 17.41% | 1.315% |
| 331 | 21.319 | 21.300 | 21.348 | VV | 27970  | 764649  | 15.49% | 1.170% |
| 332 | 21.355 | 21.348 | 21.451 | VV | 26564  | 1519503 | 30.79% | 2.326% |
| 333 | 21.461 | 21.451 | 21.489 | VV | 23618  | 526579  | 10.67% | 0.806% |
| 334 | 21.500 | 21.489 | 21.533 | VV | 22727  | 556646  | 11.28% | 0.852% |
| 335 | 21.546 | 21.533 | 21.560 | VV | 20030  | 311817  | 6.32%  | 0.477% |
| 336 | 21.572 | 21.560 | 21.581 | VV | 19199  | 232302  | 4.71%  | 0.356% |
| 337 | 21.586 | 21.581 | 21.606 | VV | 18933  | 259208  | 5.25%  | 0.397% |
| 338 | 21.637 | 21.606 | 21.651 | VV | 19117  | 481014  | 9.75%  | 0.736% |
| 339 | 21.661 | 21.651 | 21.672 | VV | 16887  | 202159  | 4.10%  | 0.309% |
| 340 | 21.730 | 21.672 | 21.741 | VV | 17877  | 690732  | 13.99% | 1.057% |
| 341 | 21.748 | 21.741 | 21.760 | VV | 17529  | 192994  | 3.91%  | 0.295% |
| 342 | 21.771 | 21.760 | 21.847 | VV | 17071  | 761577  | 15.43% | 1.166% |
| 343 | 21.860 | 21.847 | 21.878 | VV | 13612  | 245543  | 4.97%  | 0.376% |
| 344 | 21.894 | 21.878 | 21.911 | VV | 13324  | 257894  | 5.22%  | 0.395% |
| 345 | 21.922 | 21.911 | 21.961 | VV | 12712  | 331968  | 6.73%  | 0.508% |
| 346 | 21.975 | 21.961 | 22.043 | VV | 10525  | 376754  | 7.63%  | 0.577% |
| 347 | 22.062 | 22.043 | 22.100 | VV | 6838   | 198317  | 4.02%  | 0.304% |
| 348 | 22.127 | 22.100 | 22.159 | VV | 8353   | 207157  | 4.20%  | 0.317% |
| 349 | 22.167 | 22.159 | 22.188 | VV | 4042   | 44968   | 0.91%  | 0.069% |
| 350 | 22.200 | 22.188 | 22.221 | VV | 1726   | 21816   | 0.44%  | 0.033% |
| 351 | 22.245 | 22.221 | 22.254 | PV | 1753   | 13162   | 0.27%  | 0.020% |

rters  
Sum of corrected areas: 65332143

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