

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070219AL\  
 Data File : FC042178.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Jul 2019 2:15  
 Sample : K3628-05DL 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.569       | 3.562        | 3.606      | VV       | 65             | 1266         | 0.15%          | 0.013%        |
| 2         | 3.609       | 3.606        | 3.641      | VV       | 132            | 1148         | 0.14%          | 0.012%        |
| 3         | 3.655       | 3.641        | 3.742      | PV       | 96             | 4338         | 0.52%          | 0.044%        |
| 4         | 3.757       | 3.742        | 3.787      | PV       | 131            | 1565         | 0.19%          | 0.016%        |
| 5         | 3.797       | 3.787        | 3.837      | VV       | 110            | 1616         | 0.19%          | 0.017%        |
| 6         | 3.867       | 3.862        | 3.899      | VV       | 105            | 1289         | 0.16%          | 0.013%        |
| 7         | 3.904       | 3.899        | 3.994      | VV       | 84             | 2921         | 0.35%          | 0.030%        |
| 8         | 4.002       | 3.994        | 4.059      | PV       | 103            | 1657         | 0.20%          | 0.017%        |
| 9         | 4.079       | 4.059        | 4.139      | VV       | 88             | 3043         | 0.37%          | 0.031%        |
| 10        | 4.160       | 4.139        | 4.294      | VV       | 192            | 8466         | 1.02%          | 0.087%        |
| 11        | 4.302       | 4.294        | 4.312      | PV       | 166            | 1104         | 0.13%          | 0.011%        |
| 12        | 4.327       | 4.312        | 4.371      | VV       | 181            | 3628         | 0.44%          | 0.037%        |
| 13        | 4.437       | 4.371        | 4.482      | VV       | 236            | 7810         | 0.94%          | 0.080%        |
| 14        | 4.507       | 4.482        | 4.538      | VV       | 160            | 4045         | 0.49%          | 0.041%        |
| 15        | 4.550       | 4.538        | 4.623      | VV       | 181            | 7228         | 0.87%          | 0.074%        |
| 16        | 4.642       | 4.623        | 4.663      | VV       | 367            | 5143         | 0.62%          | 0.053%        |
| 17        | 4.671       | 4.663        | 4.688      | VV       | 169            | 2052         | 0.25%          | 0.021%        |
| 18        | 4.697       | 4.688        | 4.797      | VV       | 175            | 8268         | 1.00%          | 0.085%        |
| 19        | 4.811       | 4.797        | 4.841      | VV       | 134            | 2229         | 0.27%          | 0.023%        |
| 20        | 4.853       | 4.841        | 4.872      | VV       | 94             | 1487         | 0.18%          | 0.015%        |
| 21        | 4.881       | 4.872        | 4.913      | VV       | 123            | 1760         | 0.21%          | 0.018%        |
| 22        | 4.929       | 4.913        | 4.949      | VV       | 129            | 1967         | 0.24%          | 0.020%        |
| 23        | 4.968       | 4.949        | 5.022      | VV       | 168            | 4665         | 0.56%          | 0.048%        |
| 24        | 5.058       | 5.022        | 5.084      | PV       | 169            | 3789         | 0.46%          | 0.039%        |
| 25        | 5.096       | 5.084        | 5.103      | VV       | 166            | 1334         | 0.16%          | 0.014%        |
| 26        | 5.111       | 5.103        | 5.135      | VV       | 173            | 2303         | 0.28%          | 0.024%        |
| 27        | 5.151       | 5.135        | 5.168      | VV       | 149            | 2663         | 0.32%          | 0.027%        |
| 28        | 5.185       | 5.168        | 5.215      | VV       | 587            | 6774         | 0.82%          | 0.069%        |
| 29        | 5.245       | 5.215        | 5.361      | VV       | 315            | 9443         | 1.14%          | 0.097%        |
| 30        | 5.378       | 5.361        | 5.395      | VV       | 253            | 2760         | 0.33%          | 0.028%        |
| 31        | 5.412       | 5.395        | 5.529      | VV       | 211            | 7441         | 0.90%          | 0.076%        |
| 32        | 5.550       | 5.529        | 5.597      | VV       | 211            | 4424         | 0.53%          | 0.045%        |
| 33        | 5.610       | 5.597        | 5.613      | VV       | 164            | 1177         | 0.14%          | 0.012%        |
| 34        | 5.629       | 5.613        | 5.666      | VV       | 488            | 6673         | 0.80%          | 0.068%        |
| 35        | 5.682       | 5.666        | 5.716      | VV       | 276            | 4041         | 0.49%          | 0.041%        |
| 36        | 5.747       | 5.735        | 5.814      | VV       | 156            | 4335         | 0.52%          | 0.044%        |

|    |       |       |       |    | rteres.txt |       |       |        |
|----|-------|-------|-------|----|------------|-------|-------|--------|
| 37 | 5.946 | 5.922 | 5.956 | VV | 95         | 1086  | 0.13% | 0.011% |
| 38 | 5.973 | 5.956 | 6.052 | VV | 127        | 4324  | 0.52% | 0.044% |
| 39 | 6.066 | 6.052 | 6.078 | VV | 111        | 1234  | 0.15% | 0.013% |
| 40 | 6.097 | 6.078 | 6.115 | VV | 97         | 1993  | 0.24% | 0.020% |
| 41 | 6.145 | 6.115 | 6.189 | VV | 250        | 5752  | 0.69% | 0.059% |
| 42 | 6.222 | 6.189 | 6.235 | VV | 175        | 3144  | 0.38% | 0.032% |
| 43 | 6.271 | 6.235 | 6.316 | VV | 270        | 8246  | 0.99% | 0.084% |
| 44 | 6.348 | 6.331 | 6.358 | VV | 143        | 1807  | 0.22% | 0.018% |
| 45 | 6.370 | 6.358 | 6.398 | VV | 130        | 2444  | 0.29% | 0.025% |
| 46 | 6.421 | 6.398 | 6.442 | VV | 219        | 4116  | 0.50% | 0.042% |
| 47 | 6.471 | 6.442 | 6.488 | VV | 223        | 4844  | 0.58% | 0.050% |
| 48 | 6.497 | 6.488 | 6.538 | VV | 232        | 4906  | 0.59% | 0.050% |
| 49 | 6.561 | 6.538 | 6.575 | VV | 276        | 4531  | 0.55% | 0.046% |
| 50 | 6.582 | 6.575 | 6.647 | VV | 259        | 5174  | 0.62% | 0.053% |
| 51 | 6.661 | 6.647 | 6.702 | VV | 133        | 2400  | 0.29% | 0.025% |
| 52 | 6.715 | 6.702 | 6.744 | VV | 79         | 1460  | 0.18% | 0.015% |
| 53 | 6.757 | 6.744 | 6.823 | PV | 75         | 1799  | 0.22% | 0.018% |
| 54 | 6.846 | 6.823 | 6.865 | VV | 95         | 1242  | 0.15% | 0.013% |
| 55 | 6.913 | 6.883 | 6.929 | VV | 89         | 1706  | 0.21% | 0.017% |
| 56 | 6.965 | 6.929 | 6.991 | PV | 108        | 2441  | 0.29% | 0.025% |
| 57 | 7.066 | 7.011 | 7.081 | VV | 156        | 3683  | 0.44% | 0.038% |
| 58 | 7.107 | 7.099 | 7.135 | VV | 118        | 1623  | 0.20% | 0.017% |
| 59 | 7.224 | 7.135 | 7.284 | VV | 161        | 8409  | 1.01% | 0.086% |
| 60 | 7.295 | 7.284 | 7.311 | VV | 146        | 1648  | 0.20% | 0.017% |
| 61 | 7.340 | 7.311 | 7.408 | VV | 207        | 7867  | 0.95% | 0.080% |
| 62 | 7.419 | 7.408 | 7.442 | VV | 227        | 2915  | 0.35% | 0.030% |
| 63 | 7.471 | 7.442 | 7.543 | VV | 159        | 5706  | 0.69% | 0.058% |
| 64 | 7.575 | 7.543 | 7.598 | PV | 92         | 1447  | 0.17% | 0.015% |
| 65 | 7.621 | 7.598 | 7.634 | PV | 113        | 1286  | 0.16% | 0.013% |
| 66 | 7.649 | 7.634 | 7.675 | VV | 101        | 1265  | 0.15% | 0.013% |
| 67 | 7.739 | 7.726 | 7.758 | VV | 136        | 1661  | 0.20% | 0.017% |
| 68 | 7.880 | 7.865 | 7.923 | VV | 1204       | 30515 | 3.68% | 0.312% |
| 69 | 7.930 | 7.923 | 7.953 | VV | 558        | 8178  | 0.99% | 0.084% |
| 70 | 7.963 | 7.953 | 8.080 | VV | 373        | 19602 | 2.36% | 0.200% |
| 71 | 8.099 | 8.080 | 8.138 | VV | 309        | 6644  | 0.80% | 0.068% |
| 72 | 8.307 | 8.138 | 8.384 | VV | 997        | 59136 | 7.13% | 0.605% |
| 73 | 8.409 | 8.384 | 8.501 | VV | 3922       | 50188 | 6.05% | 0.513% |
| 74 | 8.519 | 8.501 | 8.555 | VV | 387        | 5812  | 0.70% | 0.059% |
| 75 | 8.571 | 8.555 | 8.588 | VV | 153        | 2162  | 0.26% | 0.022% |
| 76 | 8.813 | 8.795 | 8.841 | VV | 942        | 19513 | 2.35% | 0.200% |
| 77 | 8.877 | 8.841 | 8.909 | VV | 999        | 24017 | 2.90% | 0.246% |
| 78 | 8.919 | 8.909 | 8.944 | VV | 372        | 6661  | 0.80% | 0.068% |
| 79 | 8.965 | 8.944 | 8.975 | VV | 406        | 6863  | 0.83% | 0.070% |
| 80 | 9.060 | 8.975 | 9.132 | VV | 1105       | 54207 | 6.54% | 0.554% |
| 81 | 9.160 | 9.132 | 9.232 | VV | 808        | 30687 | 3.70% | 0.314% |
| 82 | 9.249 | 9.232 | 9.282 | VV | 514        | 12572 | 1.52% | 0.129% |
| 83 | 9.341 | 9.282 | 9.369 | VV | 1381       | 37123 | 4.48% | 0.380% |
| 84 | 9.382 | 9.369 | 9.415 | VV | 516        | 13179 | 1.59% | 0.135% |
| 85 | 9.458 | 9.415 | 9.474 | VV | 654        | 18594 | 2.24% | 0.190% |
| 86 | 9.487 | 9.474 | 9.507 | VV | 614        | 10856 | 1.31% | 0.111% |
| 87 | 9.539 | 9.507 | 9.551 | VV | 987        | 19302 | 2.33% | 0.197% |
| 88 | 9.565 | 9.551 | 9.589 | VV | 1185       | 20375 | 2.46% | 0.208% |
| 89 | 9.617 | 9.589 | 9.663 | VV | 943        | 32997 | 3.98% | 0.337% |

|     |        |        |        |    |            |        |         |        |
|-----|--------|--------|--------|----|------------|--------|---------|--------|
|     |        |        |        |    | rteres.txt |        |         |        |
| 90  | 9.693  | 9.663  | 9.711  | VV | 921        | 21570  | 2.60%   | 0.221% |
| 91  | 9.724  | 9.711  | 9.751  | VV | 792        | 16801  | 2.03%   | 0.172% |
| 92  | 9.782  | 9.751  | 9.825  | VV | 813        | 31448  | 3.79%   | 0.322% |
| 93  | 9.853  | 9.825  | 9.868  | VV | 929        | 21333  | 2.57%   | 0.218% |
| 94  | 9.937  | 9.868  | 9.982  | VV | 1390       | 69717  | 8.41%   | 0.713% |
| 95  | 9.999  | 9.982  | 10.012 | VV | 1017       | 16585  | 2.00%   | 0.170% |
| 96  | 10.042 | 10.012 | 10.084 | VV | 1104       | 42414  | 5.12%   | 0.434% |
| 97  | 10.115 | 10.084 | 10.130 | VV | 1240       | 28718  | 3.46%   | 0.294% |
| 98  | 10.178 | 10.130 | 10.192 | VV | 1104       | 38870  | 4.69%   | 0.398% |
| 99  | 10.216 | 10.192 | 10.238 | VV | 1223       | 31168  | 3.76%   | 0.319% |
| 100 | 10.282 | 10.238 | 10.298 | VV | 1386       | 44349  | 5.35%   | 0.454% |
| 101 | 10.324 | 10.298 | 10.351 | VV | 2418       | 57423  | 6.93%   | 0.587% |
| 102 | 10.389 | 10.351 | 10.397 | VV | 1718       | 42556  | 5.13%   | 0.435% |
| 103 | 10.411 | 10.397 | 10.441 | VV | 1798       | 43965  | 5.30%   | 0.450% |
| 104 | 10.475 | 10.441 | 10.505 | VV | 1861       | 61625  | 7.43%   | 0.630% |
| 105 | 10.597 | 10.505 | 10.632 | VV | 2139       | 134310 | 16.20%  | 1.374% |
| 106 | 10.670 | 10.632 | 10.688 | VV | 2732       | 75621  | 9.12%   | 0.773% |
| 107 | 10.705 | 10.688 | 10.718 | VV | 2349       | 39325  | 4.74%   | 0.402% |
| 108 | 10.743 | 10.718 | 10.768 | VV | 3714       | 86303  | 10.41%  | 0.883% |
| 109 | 10.784 | 10.768 | 10.835 | VV | 2430       | 86678  | 10.45%  | 0.886% |
| 110 | 10.880 | 10.835 | 10.898 | VV | 2310       | 79799  | 9.62%   | 0.816% |
| 111 | 10.921 | 10.898 | 10.938 | VV | 2459       | 54506  | 6.57%   | 0.557% |
| 112 | 10.951 | 10.938 | 10.975 | VV | 2470       | 52307  | 6.31%   | 0.535% |
| 113 | 11.007 | 10.975 | 11.022 | VV | 2475       | 66574  | 8.03%   | 0.681% |
| 114 | 11.067 | 11.022 | 11.136 | VV | 2801       | 170747 | 20.59%  | 1.746% |
| 115 | 11.158 | 11.136 | 11.168 | VV | 2749       | 50264  | 6.06%   | 0.514% |
| 116 | 11.181 | 11.168 | 11.202 | VV | 2690       | 52755  | 6.36%   | 0.539% |
| 117 | 11.234 | 11.202 | 11.250 | VV | 2895       | 79891  | 9.63%   | 0.817% |
| 118 | 11.263 | 11.250 | 11.285 | VV | 2784       | 56095  | 6.77%   | 0.574% |
| 119 | 11.304 | 11.285 | 11.318 | VV | 3030       | 57452  | 6.93%   | 0.588% |
| 120 | 11.370 | 11.318 | 11.428 | VV | 3604       | 196442 | 23.69%  | 2.009% |
| 121 | 11.462 | 11.428 | 11.506 | VV | 4812       | 155683 | 18.78%  | 1.592% |
| 122 | 11.528 | 11.506 | 11.551 | VV | 2938       | 73744  | 8.89%   | 0.754% |
| 123 | 11.569 | 11.551 | 11.580 | VV | 2916       | 47344  | 5.71%   | 0.484% |
| 124 | 11.585 | 11.580 | 11.591 | VV | 2799       | 18973  | 2.29%   | 0.194% |
| 125 | 11.614 | 11.591 | 11.642 | VV | 2982       | 87532  | 10.56%  | 0.895% |
| 126 | 11.695 | 11.642 | 11.725 | VV | 67319      | 829184 | 100.00% | 8.480% |
| 127 | 11.741 | 11.725 | 11.762 | VV | 3303       | 70818  | 8.54%   | 0.724% |
| 128 | 11.772 | 11.762 | 11.803 | VV | 3341       | 77883  | 9.39%   | 0.796% |
| 129 | 11.850 | 11.803 | 11.868 | VV | 3406       | 122219 | 14.74%  | 1.250% |
| 130 | 11.886 | 11.868 | 11.905 | VV | 3503       | 71504  | 8.62%   | 0.731% |
| 131 | 11.920 | 11.905 | 11.939 | VV | 3285       | 64052  | 7.72%   | 0.655% |
| 132 | 11.952 | 11.939 | 11.987 | VV | 3201       | 89412  | 10.78%  | 0.914% |
| 133 | 12.028 | 11.987 | 12.086 | VV | 3982       | 199210 | 24.02%  | 2.037% |
| 134 | 12.149 | 12.086 | 12.222 | VV | 3259       | 240511 | 29.01%  | 2.460% |
| 135 | 12.239 | 12.222 | 12.247 | VV | 2936       | 43616  | 5.26%   | 0.446% |
| 136 | 12.263 | 12.247 | 12.291 | VV | 3028       | 76535  | 9.23%   | 0.783% |
| 137 | 12.310 | 12.291 | 12.328 | VV | 3101       | 65443  | 7.89%   | 0.669% |
| 138 | 12.349 | 12.328 | 12.368 | VV | 3028       | 70072  | 8.45%   | 0.717% |
| 139 | 12.383 | 12.368 | 12.394 | VV | 2913       | 44316  | 5.34%   | 0.453% |
| 140 | 12.470 | 12.394 | 12.492 | VV | 2977       | 167331 | 20.18%  | 1.711% |
| 141 | 12.545 | 12.492 | 12.570 | VV | 3020       | 136022 | 16.40%  | 1.391% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 142 | 12.596 | 12.570 | 12.622 | VV | 3048       | 89711  | 10.82% | 0.917% |
| 143 | 12.638 | 12.622 | 12.654 | VV | 3032       | 54664  | 6.59%  | 0.559% |
| 144 | 12.674 | 12.654 | 12.719 | VV | 3713       | 117534 | 14.17% | 1.202% |
| 145 | 12.735 | 12.719 | 12.746 | VV | 2776       | 43091  | 5.20%  | 0.441% |
| 146 | 12.772 | 12.746 | 12.784 | VV | 2827       | 61992  | 7.48%  | 0.634% |
| 147 | 12.796 | 12.784 | 12.906 | VV | 2837       | 187070 | 22.56% | 1.913% |
| 148 | 12.933 | 12.906 | 12.962 | VV | 2441       | 79675  | 9.61%  | 0.815% |
| 149 | 12.965 | 12.962 | 12.985 | VV | 2452       | 33225  | 4.01%  | 0.340% |
| 150 | 12.997 | 12.985 | 13.018 | VV | 2489       | 48254  | 5.82%  | 0.493% |
| 151 | 13.063 | 13.018 | 13.081 | VV | 2511       | 91299  | 11.01% | 0.934% |
| 152 | 13.119 | 13.081 | 13.152 | VV | 48686      | 641978 | 77.42% | 6.565% |
| 153 | 13.168 | 13.152 | 13.218 | VV | 3011       | 105362 | 12.71% | 1.077% |
| 154 | 13.229 | 13.218 | 13.268 | VV | 2499       | 69532  | 8.39%  | 0.711% |
| 155 | 13.283 | 13.268 | 13.318 | VV | 2730       | 73162  | 8.82%  | 0.748% |
| 156 | 13.333 | 13.318 | 13.365 | VV | 2526       | 65074  | 7.85%  | 0.665% |
| 157 | 13.377 | 13.365 | 13.392 | VV | 2174       | 32816  | 3.96%  | 0.336% |
| 158 | 13.399 | 13.392 | 13.432 | VV | 2101       | 48649  | 5.87%  | 0.498% |
| 159 | 13.457 | 13.432 | 13.482 | VV | 2103       | 58843  | 7.10%  | 0.602% |
| 160 | 13.512 | 13.482 | 13.535 | VV | 2271       | 66202  | 7.98%  | 0.677% |
| 161 | 13.554 | 13.535 | 13.575 | VV | 2141       | 47967  | 5.78%  | 0.491% |
| 162 | 13.590 | 13.575 | 13.651 | VV | 2029       | 85862  | 10.36% | 0.878% |
| 163 | 13.706 | 13.651 | 13.745 | VV | 1942       | 103977 | 12.54% | 1.063% |
| 164 | 13.774 | 13.745 | 13.804 | VV | 1958       | 64465  | 7.77%  | 0.659% |
| 165 | 13.815 | 13.804 | 13.842 | VV | 1882       | 38617  | 4.66%  | 0.395% |
| 166 | 13.867 | 13.842 | 13.918 | VV | 2339       | 80555  | 9.71%  | 0.824% |
| 167 | 13.931 | 13.918 | 13.971 | VV | 1529       | 47440  | 5.72%  | 0.485% |
| 168 | 13.982 | 13.971 | 13.988 | VV | 1498       | 14817  | 1.79%  | 0.152% |
| 169 | 14.020 | 13.988 | 14.046 | VV | 1574       | 49837  | 6.01%  | 0.510% |
| 170 | 14.103 | 14.046 | 14.132 | VV | 1745       | 75761  | 9.14%  | 0.775% |
| 171 | 14.156 | 14.132 | 14.212 | VV | 1426       | 62599  | 7.55%  | 0.640% |
| 172 | 14.252 | 14.212 | 14.275 | VV | 1370       | 49268  | 5.94%  | 0.504% |
| 173 | 14.281 | 14.275 | 14.290 | VV | 1343       | 11160  | 1.35%  | 0.114% |
| 174 | 14.299 | 14.290 | 14.322 | VV | 1265       | 23597  | 2.85%  | 0.241% |
| 175 | 14.345 | 14.322 | 14.358 | VV | 1268       | 24849  | 3.00%  | 0.254% |
| 176 | 14.369 | 14.358 | 14.405 | VV | 1172       | 30862  | 3.72%  | 0.316% |
| 177 | 14.427 | 14.405 | 14.459 | VV | 1575       | 37618  | 4.54%  | 0.385% |
| 178 | 14.500 | 14.459 | 14.532 | VV | 1044       | 43619  | 5.26%  | 0.446% |
| 179 | 14.554 | 14.532 | 14.608 | VV | 1075       | 43813  | 5.28%  | 0.448% |
| 180 | 14.621 | 14.608 | 14.671 | VV | 807        | 29846  | 3.60%  | 0.305% |
| 181 | 14.697 | 14.671 | 14.757 | VV | 850        | 37207  | 4.49%  | 0.380% |
| 182 | 14.788 | 14.757 | 14.801 | VV | 654        | 16097  | 1.94%  | 0.165% |
| 183 | 14.813 | 14.801 | 14.842 | VV | 658        | 15153  | 1.83%  | 0.155% |
| 184 | 14.855 | 14.842 | 14.871 | VV | 617        | 9954   | 1.20%  | 0.102% |
| 185 | 14.884 | 14.871 | 14.902 | VV | 590        | 9786   | 1.18%  | 0.100% |
| 186 | 14.964 | 14.902 | 14.995 | VV | 1438       | 43965  | 5.30%  | 0.450% |
| 187 | 15.010 | 14.995 | 15.057 | VV | 766        | 21479  | 2.59%  | 0.220% |
| 188 | 15.078 | 15.057 | 15.095 | VV | 609        | 11753  | 1.42%  | 0.120% |
| 189 | 15.107 | 15.095 | 15.145 | VV | 471        | 12815  | 1.55%  | 0.131% |
| 190 | 15.155 | 15.145 | 15.165 | VV | 414        | 4791   | 0.58%  | 0.049% |
| 191 | 15.168 | 15.165 | 15.204 | VV | 428        | 7060   | 0.85%  | 0.072% |
| 192 | 15.215 | 15.204 | 15.225 | VV | 337        | 3505   | 0.42%  | 0.036% |
| 193 | 15.241 | 15.225 | 15.290 | VV | 277        | 9758   | 1.18%  | 0.100% |
| 194 | 15.358 | 15.290 | 15.462 | VV | 2984       | 102528 | 12.36% | 1.048% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 15.486 | 15.462 | 15.545 | VV | 1240       | 32958  | 3.97%  | 0.337% |
| 196 | 15.567 | 15.545 | 15.608 | VV | 363        | 8690   | 1.05%  | 0.089% |
| 197 | 15.620 | 15.608 | 15.646 | VV | 164        | 2641   | 0.32%  | 0.027% |
| 198 | 15.658 | 15.646 | 15.683 | VV | 189        | 2281   | 0.28%  | 0.023% |
| 199 | 15.760 | 15.734 | 15.775 | VV | 122        | 2250   | 0.27%  | 0.023% |
| 200 | 15.798 | 15.775 | 15.838 | VV | 203        | 4805   | 0.58%  | 0.049% |
| 201 | 15.878 | 15.838 | 15.903 | PV | 201        | 4468   | 0.54%  | 0.046% |
| 202 | 15.939 | 15.903 | 15.957 | VV | 219        | 4613   | 0.56%  | 0.047% |
| 203 | 15.984 | 15.957 | 16.028 | VV | 1489       | 20444  | 2.47%  | 0.209% |
| 204 | 16.031 | 16.028 | 16.064 | VV | 182        | 2224   | 0.27%  | 0.023% |
| 205 | 16.117 | 16.064 | 16.168 | PV | 165        | 6801   | 0.82%  | 0.070% |
| 206 | 16.183 | 16.168 | 16.202 | VV | 101        | 1653   | 0.20%  | 0.017% |
| 207 | 16.216 | 16.202 | 16.252 | VV | 114        | 1463   | 0.18%  | 0.015% |
| 208 | 16.292 | 16.252 | 16.302 | PV | 150        | 2493   | 0.30%  | 0.025% |
| 209 | 16.323 | 16.302 | 16.331 | VV | 121        | 1618   | 0.20%  | 0.017% |
| 210 | 16.371 | 16.345 | 16.402 | VV | 358        | 7372   | 0.89%  | 0.075% |
| 211 | 16.427 | 16.402 | 16.442 | VV | 279        | 6240   | 0.75%  | 0.064% |
| 212 | 16.466 | 16.442 | 16.520 | VV | 1839       | 29072  | 3.51%  | 0.297% |
| 213 | 16.550 | 16.520 | 16.572 | VV | 202        | 2962   | 0.36%  | 0.030% |
| 214 | 16.608 | 16.582 | 16.651 | VV | 156        | 3842   | 0.46%  | 0.039% |
| 215 | 16.671 | 16.651 | 16.695 | VV | 96         | 1382   | 0.17%  | 0.014% |
| 216 | 16.746 | 16.695 | 16.754 | VV | 83         | 1542   | 0.19%  | 0.016% |
| 217 | 16.815 | 16.775 | 16.848 | PV | 298        | 5729   | 0.69%  | 0.059% |
| 218 | 16.862 | 16.848 | 16.875 | PV | 117        | 1097   | 0.13%  | 0.011% |
| 219 | 16.930 | 16.875 | 16.959 | VV | 3126       | 43736  | 5.27%  | 0.447% |
| 220 | 16.980 | 16.959 | 16.995 | VV | 370        | 5550   | 0.67%  | 0.057% |
| 221 | 17.006 | 16.995 | 17.030 | VV | 174        | 2273   | 0.27%  | 0.023% |
| 222 | 17.089 | 17.030 | 17.125 | VV | 99         | 1730   | 0.21%  | 0.018% |
| 223 | 17.203 | 17.125 | 17.215 | PV | 165        | 4332   | 0.52%  | 0.044% |
| 224 | 17.229 | 17.215 | 17.240 | VV | 127        | 1409   | 0.17%  | 0.014% |
| 225 | 17.270 | 17.240 | 17.288 | PV | 207        | 3312   | 0.40%  | 0.034% |
| 226 | 17.379 | 17.288 | 17.428 | VV | 3504       | 59357  | 7.16%  | 0.607% |
| 227 | 17.466 | 17.428 | 17.494 | PV | 398        | 6955   | 0.84%  | 0.071% |
| 228 | 17.618 | 17.494 | 17.632 | VV | 89         | 4662   | 0.56%  | 0.048% |
| 229 | 17.668 | 17.632 | 17.685 | PV | 151        | 2878   | 0.35%  | 0.029% |
| 230 | 17.815 | 17.685 | 17.865 | PV | 4225       | 63226  | 7.63%  | 0.647% |
| 231 | 17.906 | 17.865 | 17.938 | PV | 471        | 8702   | 1.05%  | 0.089% |
| 232 | 17.977 | 17.938 | 18.000 | VV | 325        | 5925   | 0.71%  | 0.061% |
| 233 | 18.012 | 18.000 | 18.022 | VV | 124        | 1005   | 0.12%  | 0.010% |
| 234 | 18.085 | 18.022 | 18.105 | PV | 364        | 6899   | 0.83%  | 0.071% |
| 235 | 18.147 | 18.105 | 18.164 | PV | 414        | 5910   | 0.71%  | 0.060% |
| 236 | 18.235 | 18.164 | 18.290 | VV | 4131       | 91807  | 11.07% | 0.939% |
| 237 | 18.341 | 18.290 | 18.371 | VV | 234        | 5370   | 0.65%  | 0.055% |
| 238 | 18.545 | 18.371 | 18.556 | PV | 150        | 4542   | 0.55%  | 0.046% |
| 239 | 18.644 | 18.556 | 18.705 | VV | 3321       | 56964  | 6.87%  | 0.583% |
| 240 | 18.744 | 18.705 | 18.767 | PV | 464        | 7469   | 0.90%  | 0.076% |
| 241 | 19.040 | 18.767 | 19.092 | VV | 2892       | 89330  | 10.77% | 0.914% |
| 242 | 19.198 | 19.092 | 19.230 | VV | 935        | 52365  | 6.32%  | 0.536% |
| 243 | 19.360 | 19.230 | 19.367 | VV | 919        | 63248  | 7.63%  | 0.647% |
| 244 | 19.426 | 19.367 | 19.454 | VV | 2779       | 76847  | 9.27%  | 0.786% |
| 245 | 19.503 | 19.454 | 19.518 | VV | 1889       | 56446  | 6.81%  | 0.577% |
| 246 | 19.619 | 19.518 | 19.635 | VV | 2048       | 122169 | 14.73% | 1.249% |

247 19.714 19.635 19.738 VV rteres.txt 2639 138870 16.75% 1.420%  
Sum of corrected areas: 9778648

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