

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082925AL\  
 Data File : FF016287.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Aug 2025 16:11  
 Sample : Q2971-05  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 082825.M  
 Title : GC Extractables

Signal : FID2B.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         | 2.956       | 2.948        | 3.005      | PV       | 70             | 1879         | 0.03%          | 0.009%        |
| 2         | 3.008       | 3.005        | 3.076      | VV       | 127            | 1608         | 0.02%          | 0.008%        |
| 3         | 3.144       | 3.076        | 3.164      | PV       | 360            | 8556         | 0.13%          | 0.042%        |
| 4         | 3.177       | 3.164        | 3.215      | VV       | 393            | 8865         | 0.13%          | 0.044%        |
| 5         | 3.222       | 3.215        | 3.293      | VV       | 294            | 8046         | 0.12%          | 0.040%        |
| 6         | 3.307       | 3.293        | 3.374      | VV       | 227            | 7559         | 0.11%          | 0.037%        |
| 7         | 3.408       | 3.374        | 3.438      | VV       | 191            | 5141         | 0.08%          | 0.025%        |
| 8         | 3.463       | 3.438        | 3.501      | VV       | 176            | 4799         | 0.07%          | 0.024%        |
| 9         | 3.513       | 3.501        | 3.569      | VV       | 349            | 8346         | 0.12%          | 0.041%        |
| 10        | 3.582       | 3.569        | 3.611      | VV       | 202            | 4194         | 0.06%          | 0.021%        |
| 11        | 3.623       | 3.611        | 3.641      | VV       | 204            | 3044         | 0.05%          | 0.015%        |
| 12        | 3.646       | 3.641        | 3.658      | VV       | 161            | 1534         | 0.02%          | 0.008%        |
| 13        | 3.693       | 3.658        | 3.715      | VV       | 250            | 5536         | 0.08%          | 0.027%        |
| 14        | 3.747       | 3.715        | 3.778      | VV       | 570            | 9874         | 0.15%          | 0.049%        |
| 15        | 3.803       | 3.778        | 3.891      | VV       | 9266           | 95159        | 1.42%          | 0.468%        |
| 16        | 3.920       | 3.891        | 3.957      | VV       | 6552           | 65461        | 0.98%          | 0.322%        |
| 17        | 3.975       | 3.957        | 3.990      | VV       | 437            | 5610         | 0.08%          | 0.028%        |
| 18        | 4.005       | 3.990        | 4.078      | VV       | 500            | 14600        | 0.22%          | 0.072%        |
| 19        | 4.097       | 4.078        | 4.107      | VV       | 287            | 3904         | 0.06%          | 0.019%        |
| 20        | 4.125       | 4.107        | 4.145      | VV       | 499            | 7695         | 0.12%          | 0.038%        |
| 21        | 4.160       | 4.145        | 4.226      | VV       | 392            | 10257        | 0.15%          | 0.050%        |
| 22        | 4.269       | 4.226        | 4.280      | VV       | 217            | 5239         | 0.08%          | 0.026%        |
| 23        | 4.293       | 4.280        | 4.315      | VV       | 220            | 3727         | 0.06%          | 0.018%        |
| 24        | 4.321       | 4.315        | 4.336      | VV       | 220            | 2475         | 0.04%          | 0.012%        |
| 25        | 4.349       | 4.336        | 4.391      | VV       | 208            | 5878         | 0.09%          | 0.029%        |
| 26        | 4.404       | 4.391        | 4.432      | VV       | 251            | 3962         | 0.06%          | 0.019%        |
| 27        | 4.444       | 4.432        | 4.468      | VV       | 161            | 2555         | 0.04%          | 0.013%        |
| 28        | 4.484       | 4.468        | 4.539      | VV       | 224            | 7288         | 0.11%          | 0.036%        |
| 29        | 4.559       | 4.539        | 4.577      | VV       | 196            | 3346         | 0.05%          | 0.016%        |
| 30        | 4.594       | 4.577        | 4.620      | VV       | 312            | 6342         | 0.09%          | 0.031%        |
| 31        | 4.633       | 4.620        | 4.703      | VV       | 295            | 9024         | 0.13%          | 0.044%        |
| 32        | 4.716       | 4.703        | 4.738      | VV       | 239            | 3493         | 0.05%          | 0.017%        |
| 33        | 4.754       | 4.738        | 4.798      | VV       | 447            | 6423         | 0.10%          | 0.032%        |
| 34        | 4.813       | 4.798        | 4.848      | VV       | 173            | 3562         | 0.05%          | 0.018%        |
| 35        | 4.877       | 4.848        | 4.909      | VV       | 147            | 4125         | 0.06%          | 0.020%        |
| 36        | 4.915       | 4.909        | 4.931      | VV       | 158            | 1707         | 0.03%          | 0.008%        |

|    |       |       |       |    |            |       |       |        |  |
|----|-------|-------|-------|----|------------|-------|-------|--------|--|
|    |       |       |       |    | rteres.txt |       |       |        |  |
| 37 | 4.994 | 4.931 | 5.004 | VV | 201        | 7209  | 0.11% | 0.035% |  |
| 38 | 5.015 | 5.004 | 5.050 | VV | 217        | 5068  | 0.08% | 0.025% |  |
| 39 | 5.069 | 5.050 | 5.116 | VV | 229        | 6738  | 0.10% | 0.033% |  |
| 40 | 5.123 | 5.116 | 5.143 | VV | 198        | 2360  | 0.04% | 0.012% |  |
| 41 | 5.154 | 5.143 | 5.218 | VV | 150        | 4053  | 0.06% | 0.020% |  |
| 42 | 5.254 | 5.218 | 5.286 | VV | 228        | 5295  | 0.08% | 0.026% |  |
| 43 | 5.309 | 5.286 | 5.356 | VV | 138        | 4134  | 0.06% | 0.020% |  |
| 44 | 5.363 | 5.356 | 5.388 | VV | 93         | 1133  | 0.02% | 0.006% |  |
| 45 | 5.412 | 5.388 | 5.476 | VV | 145        | 3768  | 0.06% | 0.019% |  |
| 46 | 5.499 | 5.476 | 5.521 | VV | 83         | 1464  | 0.02% | 0.007% |  |
| 47 | 5.538 | 5.521 | 5.559 | VV | 410        | 5076  | 0.08% | 0.025% |  |
| 48 | 5.570 | 5.559 | 5.585 | VV | 173        | 1740  | 0.03% | 0.009% |  |
| 49 | 5.600 | 5.585 | 5.648 | VV | 144        | 2067  | 0.03% | 0.010% |  |
| 50 | 5.658 | 5.648 | 5.716 | PV | 53         | 912   | 0.01% | 0.004% |  |
| 51 | 5.736 | 5.716 | 5.751 | VV | 84         | 1081  | 0.02% | 0.005% |  |
| 52 | 5.780 | 5.751 | 5.816 | VV | 539        | 13673 | 0.20% | 0.067% |  |
| 53 | 5.829 | 5.816 | 5.908 | VV | 350        | 10127 | 0.15% | 0.050% |  |
| 54 | 5.976 | 5.908 | 6.031 | VV | 271        | 10847 | 0.16% | 0.053% |  |
| 55 | 6.049 | 6.031 | 6.072 | VV | 423        | 5274  | 0.08% | 0.026% |  |
| 56 | 6.100 | 6.072 | 6.184 | VV | 464        | 8129  | 0.12% | 0.040% |  |
| 57 | 6.205 | 6.184 | 6.230 | VV | 77         | 1615  | 0.02% | 0.008% |  |
| 58 | 6.246 | 6.230 | 6.258 | PV | 130        | 1206  | 0.02% | 0.006% |  |
| 59 | 6.308 | 6.258 | 6.376 | VV | 836        | 20277 | 0.30% | 0.100% |  |
| 60 | 6.391 | 6.376 | 6.438 | VV | 295        | 7840  | 0.12% | 0.039% |  |
| 61 | 6.454 | 6.438 | 6.468 | VV | 183        | 3395  | 0.05% | 0.017% |  |
| 62 | 6.488 | 6.468 | 6.538 | VV | 406        | 8583  | 0.13% | 0.042% |  |
| 63 | 6.570 | 6.538 | 6.584 | VV | 208        | 4285  | 0.06% | 0.021% |  |
| 64 | 6.611 | 6.584 | 6.662 | VV | 625        | 16164 | 0.24% | 0.079% |  |
| 65 | 6.682 | 6.662 | 6.739 | VV | 271        | 8341  | 0.12% | 0.041% |  |
| 66 | 6.769 | 6.739 | 6.827 | VV | 289        | 8382  | 0.13% | 0.041% |  |
| 67 | 6.851 | 6.827 | 6.988 | VV | 770        | 23248 | 0.35% | 0.114% |  |
| 68 | 6.993 | 6.988 | 7.005 | VV | 100        | 663   | 0.01% | 0.003% |  |
| 69 | 7.043 | 7.005 | 7.076 | PV | 206        | 4553  | 0.07% | 0.022% |  |
| 70 | 7.086 | 7.076 | 7.140 | VV | 90         | 1832  | 0.03% | 0.009% |  |
| 71 | 7.156 | 7.140 | 7.184 | PV | 296        | 3586  | 0.05% | 0.018% |  |
| 72 | 7.196 | 7.184 | 7.203 | VV | 87         | 812   | 0.01% | 0.004% |  |
| 73 | 7.217 | 7.203 | 7.236 | VV | 140        | 2136  | 0.03% | 0.010% |  |
| 74 | 7.256 | 7.236 | 7.286 | VV | 448        | 9113  | 0.14% | 0.045% |  |
| 75 | 7.303 | 7.286 | 7.329 | VV | 352        | 6821  | 0.10% | 0.034% |  |
| 76 | 7.337 | 7.329 | 7.369 | VV | 207        | 4001  | 0.06% | 0.020% |  |
| 77 | 7.405 | 7.369 | 7.423 | VV | 232        | 5167  | 0.08% | 0.025% |  |
| 78 | 7.440 | 7.423 | 7.480 | VV | 292        | 5899  | 0.09% | 0.029% |  |
| 79 | 7.492 | 7.480 | 7.499 | VV | 168        | 1498  | 0.02% | 0.007% |  |
| 80 | 7.505 | 7.499 | 7.525 | VV | 148        | 2015  | 0.03% | 0.010% |  |
| 81 | 7.528 | 7.525 | 7.578 | VV | 137        | 3059  | 0.05% | 0.015% |  |
| 82 | 7.588 | 7.578 | 7.612 | VV | 177        | 2867  | 0.04% | 0.014% |  |
| 83 | 7.620 | 7.612 | 7.682 | VV | 183        | 5498  | 0.08% | 0.027% |  |
| 84 | 7.706 | 7.682 | 7.764 | VV | 216        | 6764  | 0.10% | 0.033% |  |
| 85 | 7.780 | 7.764 | 7.811 | VV | 147        | 3218  | 0.05% | 0.016% |  |
| 86 | 7.818 | 7.811 | 7.825 | VV | 107        | 730   | 0.01% | 0.004% |  |
| 87 | 7.836 | 7.825 | 7.921 | VV | 161        | 4365  | 0.07% | 0.021% |  |
| 88 | 7.973 | 7.921 | 7.988 | VV | 130        | 3300  | 0.05% | 0.016% |  |
| 89 | 8.150 | 8.117 | 8.161 | VV | 784        | 19165 | 0.29% | 0.094% |  |

| rteres.txt |        |        |        |    |       |        |       |        |
|------------|--------|--------|--------|----|-------|--------|-------|--------|
| 90         | 8.177  | 8.161  | 8.284  | VV | 1017  | 27334  | 0.41% | 0.134% |
| 91         | 8.295  | 8.284  | 8.343  | VV | 166   | 5242   | 0.08% | 0.026% |
| 92         | 8.382  | 8.343  | 8.397  | VV | 272   | 5933   | 0.09% | 0.029% |
| 93         | 8.407  | 8.397  | 8.447  | VV | 196   | 4232   | 0.06% | 0.021% |
| 94         | 8.497  | 8.447  | 8.529  | VV | 336   | 8108   | 0.12% | 0.040% |
| 95         | 8.538  | 8.529  | 8.550  | VV | 160   | 1896   | 0.03% | 0.009% |
| 96         | 8.569  | 8.550  | 8.584  | VV | 336   | 5193   | 0.08% | 0.026% |
| 97         | 8.604  | 8.584  | 8.687  | VV | 646   | 15840  | 0.24% | 0.078% |
| 98         | 8.741  | 8.687  | 8.818  | VV | 277   | 12212  | 0.18% | 0.060% |
| 99         | 8.839  | 8.818  | 8.878  | VV | 179   | 3733   | 0.06% | 0.018% |
| 100        | 9.079  | 9.065  | 9.100  | VV | 628   | 10363  | 0.15% | 0.051% |
| 101        | 9.117  | 9.100  | 9.185  | VV | 480   | 15429  | 0.23% | 0.076% |
| 102        | 9.231  | 9.185  | 9.270  | VV | 250   | 8593   | 0.13% | 0.042% |
| 103        | 9.286  | 9.270  | 9.293  | VV | 135   | 1467   | 0.02% | 0.007% |
| 104        | 9.328  | 9.293  | 9.357  | VV | 764   | 14485  | 0.22% | 0.071% |
| 105        | 9.372  | 9.357  | 9.407  | VV | 513   | 6786   | 0.10% | 0.033% |
| 106        | 9.433  | 9.407  | 9.457  | VV | 343   | 5639   | 0.08% | 0.028% |
| 107        | 9.476  | 9.457  | 9.521  | VV | 335   | 7424   | 0.11% | 0.036% |
| 108        | 9.530  | 9.521  | 9.541  | VV | 114   | 1153   | 0.02% | 0.006% |
| 109        | 9.627  | 9.541  | 9.694  | VV | 302   | 10574  | 0.16% | 0.052% |
| 110        | 9.727  | 9.694  | 9.738  | PV | 61    | 766    | 0.01% | 0.004% |
| 111        | 9.772  | 9.738  | 9.788  | VV | 291   | 5159   | 0.08% | 0.025% |
| 112        | 9.810  | 9.788  | 9.836  | VV | 510   | 8903   | 0.13% | 0.044% |
| 113        | 9.849  | 9.836  | 9.866  | VV | 143   | 2180   | 0.03% | 0.011% |
| 114        | 9.890  | 9.866  | 9.924  | VV | 168   | 4019   | 0.06% | 0.020% |
| 115        | 9.934  | 9.924  | 9.955  | VV | 146   | 1885   | 0.03% | 0.009% |
| 116        | 9.966  | 9.955  | 9.984  | VV | 159   | 1859   | 0.03% | 0.009% |
| 117        | 9.995  | 9.984  | 10.018 | VV | 163   | 1897   | 0.03% | 0.009% |
| 118        | 10.079 | 10.018 | 10.190 | VV | 43191 | 536589 | 8.02% | 2.637% |
| 119        | 10.212 | 10.190 | 10.232 | VV | 629   | 9383   | 0.14% | 0.046% |
| 120        | 10.243 | 10.232 | 10.275 | VV | 209   | 4335   | 0.06% | 0.021% |
| 121        | 10.281 | 10.275 | 10.298 | VV | 206   | 2209   | 0.03% | 0.011% |
| 122        | 10.312 | 10.298 | 10.334 | VV | 466   | 4814   | 0.07% | 0.024% |
| 123        | 10.344 | 10.334 | 10.422 | VV | 135   | 4468   | 0.07% | 0.022% |
| 124        | 10.444 | 10.422 | 10.466 | PV | 358   | 4250   | 0.06% | 0.021% |
| 125        | 10.476 | 10.466 | 10.523 | VV | 52    | 1260   | 0.02% | 0.006% |
| 126        | 10.552 | 10.523 | 10.620 | VV | 4962  | 63754  | 0.95% | 0.313% |
| 127        | 10.633 | 10.620 | 10.648 | VV | 231   | 3429   | 0.05% | 0.017% |
| 128        | 10.655 | 10.648 | 10.692 | VV | 206   | 3716   | 0.06% | 0.018% |
| 129        | 10.700 | 10.692 | 10.755 | VV | 94    | 1906   | 0.03% | 0.009% |
| 130        | 10.772 | 10.755 | 10.810 | VV | 100   | 1958   | 0.03% | 0.010% |
| 131        | 10.836 | 10.810 | 10.881 | VV | 204   | 4514   | 0.07% | 0.022% |
| 132        | 10.911 | 10.881 | 10.924 | VV | 358   | 5167   | 0.08% | 0.025% |
| 133        | 10.950 | 10.924 | 10.995 | VV | 547   | 11234  | 0.17% | 0.055% |
| 134        | 11.053 | 10.995 | 11.112 | VV | 420   | 11313  | 0.17% | 0.056% |
| 135        | 11.125 | 11.112 | 11.157 | PV | 98    | 1966   | 0.03% | 0.010% |
| 136        | 11.176 | 11.157 | 11.197 | VV | 118   | 1981   | 0.03% | 0.010% |
| 137        | 11.239 | 11.197 | 11.277 | VV | 499   | 12946  | 0.19% | 0.064% |
| 138        | 11.289 | 11.277 | 11.313 | VV | 395   | 6386   | 0.10% | 0.031% |
| 139        | 11.330 | 11.313 | 11.363 | VV | 345   | 6571   | 0.10% | 0.032% |
| 140        | 11.383 | 11.363 | 11.401 | VV | 174   | 2969   | 0.04% | 0.015% |
| 141        | 11.409 | 11.401 | 11.422 | VV | 140   | 1388   | 0.02% | 0.007% |

|     |        |        |        |    |            |         |         |         |  |
|-----|--------|--------|--------|----|------------|---------|---------|---------|--|
|     |        |        |        |    | rteres.txt |         |         |         |  |
| 142 | 11.433 | 11.422 | 11.446 | VV | 107        | 955     | 0.01%   | 0.005%  |  |
| 143 | 11.469 | 11.446 | 11.528 | VV | 98         | 2791    | 0.04%   | 0.014%  |  |
| 144 | 11.590 | 11.528 | 11.610 | VV | 427        | 6248    | 0.09%   | 0.031%  |  |
| 145 | 11.631 | 11.610 | 11.647 | VV | 524        | 7601    | 0.11%   | 0.037%  |  |
| 146 | 11.660 | 11.647 | 11.684 | VV | 498        | 7093    | 0.11%   | 0.035%  |  |
| 147 | 11.703 | 11.684 | 11.713 | VV | 130        | 1517    | 0.02%   | 0.007%  |  |
| 148 | 11.739 | 11.713 | 11.788 | VV | 436        | 8608    | 0.13%   | 0.042%  |  |
| 149 | 11.819 | 11.788 | 11.835 | VV | 310        | 4646    | 0.07%   | 0.023%  |  |
| 150 | 11.851 | 11.835 | 11.879 | VV | 294        | 3936    | 0.06%   | 0.019%  |  |
| 151 | 11.980 | 11.879 | 12.048 | PV | 598579     | 6687279 | 100.00% | 32.865% |  |
| 152 | 12.076 | 12.048 | 12.098 | VV | 937        | 18975   | 0.28%   | 0.093%  |  |
| 153 | 12.112 | 12.098 | 12.163 | VV | 541        | 11778   | 0.18%   | 0.058%  |  |
| 154 | 12.187 | 12.163 | 12.295 | VV | 180        | 8606    | 0.13%   | 0.042%  |  |
| 155 | 12.329 | 12.295 | 12.358 | VV | 279        | 6504    | 0.10%   | 0.032%  |  |
| 156 | 12.387 | 12.358 | 12.401 | VV | 232        | 3744    | 0.06%   | 0.018%  |  |
| 157 | 12.421 | 12.401 | 12.443 | VV | 789        | 9573    | 0.14%   | 0.047%  |  |
| 158 | 12.462 | 12.443 | 12.476 | VV | 204        | 3848    | 0.06%   | 0.019%  |  |
| 159 | 12.484 | 12.476 | 12.502 | VV | 199        | 2191    | 0.03%   | 0.011%  |  |
| 160 | 12.577 | 12.502 | 12.668 | VV | 60087      | 741108  | 11.08%  | 3.642%  |  |
| 161 | 12.685 | 12.668 | 12.698 | VV | 1038       | 16573   | 0.25%   | 0.081%  |  |
| 162 | 12.709 | 12.698 | 12.743 | VV | 1071       | 20503   | 0.31%   | 0.101%  |  |
| 163 | 12.755 | 12.743 | 12.764 | VV | 602        | 6719    | 0.10%   | 0.033%  |  |
| 164 | 12.779 | 12.764 | 12.862 | VV | 697        | 22496   | 0.34%   | 0.111%  |  |
| 165 | 12.899 | 12.862 | 12.940 | VV | 669        | 15651   | 0.23%   | 0.077%  |  |
| 166 | 12.972 | 12.940 | 12.995 | VV | 550        | 10797   | 0.16%   | 0.053%  |  |
| 167 | 13.047 | 12.995 | 13.074 | VV | 2378       | 46229   | 0.69%   | 0.227%  |  |
| 168 | 13.094 | 13.074 | 13.145 | VV | 450        | 10669   | 0.16%   | 0.052%  |  |
| 169 | 13.155 | 13.145 | 13.165 | VV | 156        | 1539    | 0.02%   | 0.008%  |  |
| 170 | 13.176 | 13.165 | 13.210 | VV | 271        | 5329    | 0.08%   | 0.026%  |  |
| 171 | 13.231 | 13.210 | 13.248 | VV | 254        | 4238    | 0.06%   | 0.021%  |  |
| 172 | 13.265 | 13.248 | 13.288 | VV | 181        | 3690    | 0.06%   | 0.018%  |  |
| 173 | 13.299 | 13.288 | 13.310 | VV | 182        | 2144    | 0.03%   | 0.011%  |  |
| 174 | 13.331 | 13.310 | 13.345 | VV | 292        | 4319    | 0.06%   | 0.021%  |  |
| 175 | 13.372 | 13.345 | 13.382 | VV | 814        | 11269   | 0.17%   | 0.055%  |  |
| 176 | 13.419 | 13.382 | 13.514 | VV | 466152     | 5563138 | 83.19%  | 27.341% |  |
| 177 | 13.531 | 13.514 | 13.552 | VV | 319        | 4904    | 0.07%   | 0.024%  |  |
| 178 | 13.586 | 13.552 | 13.611 | VV | 540        | 10255   | 0.15%   | 0.050%  |  |
| 179 | 13.626 | 13.611 | 13.657 | VV | 324        | 8071    | 0.12%   | 0.040%  |  |
| 180 | 13.705 | 13.657 | 13.738 | VV | 592        | 20586   | 0.31%   | 0.101%  |  |
| 181 | 13.780 | 13.738 | 13.792 | VV | 594        | 15865   | 0.24%   | 0.078%  |  |
| 182 | 13.811 | 13.792 | 13.912 | VV | 8900       | 139049  | 2.08%   | 0.683%  |  |
| 183 | 13.930 | 13.912 | 13.958 | VV | 447        | 11070   | 0.17%   | 0.054%  |  |
| 184 | 13.987 | 13.958 | 14.015 | VV | 468        | 13549   | 0.20%   | 0.067%  |  |
| 185 | 14.038 | 14.015 | 14.073 | VV | 588        | 13468   | 0.20%   | 0.066%  |  |
| 186 | 14.124 | 14.073 | 14.150 | VV | 833        | 19127   | 0.29%   | 0.094%  |  |
| 187 | 14.171 | 14.150 | 14.218 | VV | 608        | 11457   | 0.17%   | 0.056%  |  |
| 188 | 14.232 | 14.218 | 14.268 | VV | 230        | 4256    | 0.06%   | 0.021%  |  |
| 189 | 14.289 | 14.268 | 14.333 | VV | 146        | 3871    | 0.06%   | 0.019%  |  |
| 190 | 14.405 | 14.333 | 14.457 | VV | 238        | 7430    | 0.11%   | 0.037%  |  |
| 191 | 14.469 | 14.457 | 14.501 | VV | 103        | 1486    | 0.02%   | 0.007%  |  |
| 192 | 14.523 | 14.501 | 14.534 | VV | 224        | 2967    | 0.04%   | 0.015%  |  |
| 193 | 14.565 | 14.534 | 14.586 | VV | 1123       | 19387   | 0.29%   | 0.095%  |  |
| 194 | 14.609 | 14.586 | 14.710 | VV | 1460       | 31134   | 0.47%   | 0.153%  |  |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 195 | 14.735 | 14.710 | 14.782 | PV | 795        | 15924  | 0.24% | 0.078% |
| 196 | 14.800 | 14.782 | 14.816 | VV | 314        | 4818   | 0.07% | 0.024% |
| 197 | 14.836 | 14.816 | 14.883 | VV | 365        | 10690  | 0.16% | 0.053% |
| 198 | 14.898 | 14.883 | 14.930 | VV | 386        | 6381   | 0.10% | 0.031% |
| 199 | 14.959 | 14.930 | 15.041 | VV | 413        | 10035  | 0.15% | 0.049% |
| 200 | 15.068 | 15.041 | 15.095 | VV | 119        | 2705   | 0.04% | 0.013% |
| 201 | 15.121 | 15.095 | 15.165 | VV | 487        | 11257  | 0.17% | 0.055% |
| 202 | 15.167 | 15.165 | 15.211 | VV | 183        | 2151   | 0.03% | 0.011% |
| 203 | 15.242 | 15.211 | 15.252 | VV | 546        | 7193   | 0.11% | 0.035% |
| 204 | 15.276 | 15.252 | 15.301 | VV | 1530       | 23265  | 0.35% | 0.114% |
| 205 | 15.323 | 15.301 | 15.366 | VV | 648        | 10516  | 0.16% | 0.052% |
| 206 | 15.450 | 15.366 | 15.510 | VV | 372        | 12912  | 0.19% | 0.063% |
| 207 | 15.528 | 15.510 | 15.545 | PV | 100        | 960    | 0.01% | 0.005% |
| 208 | 15.579 | 15.545 | 15.605 | VV | 112        | 2391   | 0.04% | 0.012% |
| 209 | 15.656 | 15.605 | 15.761 | VV | 25922      | 427497 | 6.39% | 2.101% |
| 210 | 15.798 | 15.761 | 15.837 | VV | 1786       | 34487  | 0.52% | 0.169% |
| 211 | 15.871 | 15.837 | 15.908 | VV | 1453       | 22973  | 0.34% | 0.113% |
| 212 | 15.925 | 15.908 | 15.961 | VV | 162        | 2573   | 0.04% | 0.013% |
| 213 | 15.978 | 15.961 | 15.998 | PV | 102        | 1284   | 0.02% | 0.006% |
| 214 | 16.077 | 15.998 | 16.095 | VV | 179        | 5254   | 0.08% | 0.026% |
| 215 | 16.117 | 16.095 | 16.148 | VV | 336        | 6302   | 0.09% | 0.031% |
| 216 | 16.179 | 16.148 | 16.212 | VV | 802        | 17362  | 0.26% | 0.085% |
| 217 | 16.233 | 16.212 | 16.271 | VV | 512        | 10724  | 0.16% | 0.053% |
| 218 | 16.301 | 16.271 | 16.351 | VV | 1770       | 27744  | 0.41% | 0.136% |
| 219 | 16.361 | 16.351 | 16.395 | VV | 185        | 3151   | 0.05% | 0.015% |
| 220 | 16.444 | 16.395 | 16.468 | VV | 289        | 6766   | 0.10% | 0.033% |
| 221 | 16.485 | 16.468 | 16.518 | VV | 226        | 4392   | 0.07% | 0.022% |
| 222 | 16.531 | 16.518 | 16.560 | VV | 132        | 1835   | 0.03% | 0.009% |
| 223 | 16.589 | 16.560 | 16.627 | PV | 347        | 9017   | 0.13% | 0.044% |
| 224 | 16.675 | 16.627 | 16.723 | VV | 2539       | 57173  | 0.85% | 0.281% |
| 225 | 16.745 | 16.723 | 16.761 | VV | 461        | 8202   | 0.12% | 0.040% |
| 226 | 16.785 | 16.761 | 16.814 | VV | 1893       | 27010  | 0.40% | 0.133% |
| 227 | 16.864 | 16.814 | 16.892 | VV | 630        | 12973  | 0.19% | 0.064% |
| 228 | 16.918 | 16.892 | 16.943 | VV | 364        | 6617   | 0.10% | 0.033% |
| 229 | 16.964 | 16.943 | 17.015 | VV | 395        | 11078  | 0.17% | 0.054% |
| 230 | 17.044 | 17.015 | 17.075 | VV | 369        | 9639   | 0.14% | 0.047% |
| 231 | 17.153 | 17.075 | 17.205 | VV | 478        | 22317  | 0.33% | 0.110% |
| 232 | 17.253 | 17.205 | 17.280 | VV | 2073       | 34008  | 0.51% | 0.167% |
| 233 | 17.302 | 17.280 | 17.368 | VV | 804        | 17253  | 0.26% | 0.085% |
| 234 | 17.381 | 17.368 | 17.396 | VV | 64         | 940    | 0.01% | 0.005% |
| 235 | 17.487 | 17.396 | 17.508 | PV | 164        | 4514   | 0.07% | 0.022% |
| 236 | 17.541 | 17.508 | 17.561 | VV | 154        | 2841   | 0.04% | 0.014% |
| 237 | 17.621 | 17.561 | 17.675 | VV | 1131       | 34202  | 0.51% | 0.168% |
| 238 | 17.703 | 17.675 | 17.745 | VV | 3405       | 53830  | 0.80% | 0.265% |
| 239 | 17.793 | 17.745 | 17.851 | PV | 640        | 16163  | 0.24% | 0.079% |
| 240 | 17.883 | 17.851 | 17.911 | VV | 132        | 3927   | 0.06% | 0.019% |
| 241 | 17.925 | 17.911 | 17.962 | VV | 145        | 2165   | 0.03% | 0.011% |
| 242 | 17.998 | 17.962 | 18.011 | PV | 105        | 1770   | 0.03% | 0.009% |
| 243 | 18.026 | 18.011 | 18.048 | VV | 176        | 2330   | 0.03% | 0.011% |
| 244 | 18.098 | 18.048 | 18.118 | VV | 1439       | 25790  | 0.39% | 0.127% |
| 245 | 18.143 | 18.118 | 18.172 | VV | 3245       | 47538  | 0.71% | 0.234% |
| 246 | 18.232 | 18.172 | 18.273 | VV | 1136       | 24468  | 0.37% | 0.120% |

|     |        |        |        |    |            |        |       |        |  |
|-----|--------|--------|--------|----|------------|--------|-------|--------|--|
|     |        |        |        |    | rteres.txt |        |       |        |  |
| 247 | 18.307 | 18.273 | 18.345 | VV | 459        | 12044  | 0.18% | 0.059% |  |
| 248 | 18.371 | 18.345 | 18.395 | VV | 547        | 10132  | 0.15% | 0.050% |  |
| 249 | 18.424 | 18.395 | 18.446 | VV | 525        | 9394   | 0.14% | 0.046% |  |
| 250 | 18.501 | 18.446 | 18.544 | VV | 12405      | 245348 | 3.67% | 1.206% |  |
| 251 | 18.567 | 18.544 | 18.631 | VV | 4700       | 81196  | 1.21% | 0.399% |  |
| 252 | 18.663 | 18.631 | 18.696 | VV | 538        | 11556  | 0.17% | 0.057% |  |
| 253 | 18.713 | 18.696 | 18.744 | VV | 142        | 2596   | 0.04% | 0.013% |  |
| 254 | 18.779 | 18.744 | 18.791 | PV | 234        | 3805   | 0.06% | 0.019% |  |
| 255 | 18.837 | 18.791 | 18.856 | VV | 262        | 7786   | 0.12% | 0.038% |  |
| 256 | 18.925 | 18.856 | 18.942 | VV | 930        | 20169  | 0.30% | 0.099% |  |
| 257 | 18.976 | 18.942 | 19.039 | VV | 5016       | 98813  | 1.48% | 0.486% |  |
| 258 | 19.079 | 19.039 | 19.115 | VV | 1183       | 31103  | 0.47% | 0.153% |  |
| 259 | 19.132 | 19.115 | 19.198 | VV | 488        | 13071  | 0.20% | 0.064% |  |
| 260 | 19.239 | 19.198 | 19.262 | VV | 375        | 8666   | 0.13% | 0.043% |  |
| 261 | 19.332 | 19.262 | 19.359 | VV | 8219       | 158619 | 2.37% | 0.780% |  |
| 262 | 19.378 | 19.359 | 19.428 | VV | 5214       | 106005 | 1.59% | 0.521% |  |
| 263 | 19.501 | 19.428 | 19.527 | VV | 960        | 45179  | 0.68% | 0.222% |  |
| 264 | 19.575 | 19.527 | 19.599 | VV | 1594       | 43785  | 0.65% | 0.215% |  |
| 265 | 19.617 | 19.599 | 19.651 | VV | 816        | 21776  | 0.33% | 0.107% |  |
| 266 | 19.670 | 19.651 | 19.683 | VV | 706        | 11297  | 0.17% | 0.056% |  |
| 267 | 19.765 | 19.683 | 19.797 | VV | 3578       | 82361  | 1.23% | 0.405% |  |
| 268 | 19.866 | 19.797 | 19.899 | VV | 1689       | 73957  | 1.11% | 0.363% |  |
| 269 | 19.932 | 19.899 | 19.965 | VV | 1412       | 45488  | 0.68% | 0.224% |  |
| 270 | 20.054 | 19.965 | 20.084 | VV | 1679       | 88793  | 1.33% | 0.436% |  |
| 271 | 20.138 | 20.084 | 20.200 | VV | 3878       | 164017 | 2.45% | 0.806% |  |
| 272 | 20.209 | 20.200 | 20.220 | VV | 1353       | 15201  | 0.23% | 0.075% |  |
| 273 | 20.248 | 20.220 | 20.283 | VV | 1505       | 53480  | 0.80% | 0.263% |  |
| 274 | 20.387 | 20.283 | 20.445 | VV | 2858       | 201104 | 3.01% | 0.988% |  |
| 275 | 20.508 | 20.445 | 20.537 | VV | 4049       | 143888 | 2.15% | 0.707% |  |
| 276 | 20.573 | 20.537 | 20.614 | VV | 2856       | 119181 | 1.78% | 0.586% |  |
| 277 | 20.667 | 20.614 | 20.711 | VV | 5905       | 200723 | 3.00% | 0.986% |  |
| 278 | 20.736 | 20.711 | 20.755 | VV | 3090       | 75845  | 1.13% | 0.373% |  |
| 279 | 20.816 | 20.755 | 20.831 | VV | 3063       | 134115 | 2.01% | 0.659% |  |
| 280 | 20.868 | 20.831 | 20.898 | VV | 3994       | 133899 | 2.00% | 0.658% |  |
| 281 | 20.919 | 20.898 | 20.935 | VV | 2975       | 63348  | 0.95% | 0.311% |  |
| 282 | 20.963 | 20.935 | 20.997 | VV | 2856       | 105544 | 1.58% | 0.519% |  |
| 283 | 21.059 | 20.997 | 21.087 | VV | 3048       | 156237 | 2.34% | 0.768% |  |
| 284 | 21.117 | 21.087 | 21.141 | VV | 2918       | 91648  | 1.37% | 0.450% |  |
| 285 | 21.178 | 21.141 | 21.235 | VV | 2884       | 147970 | 2.21% | 0.727% |  |
| 286 | 21.269 | 21.235 | 21.305 | VV | 3161       | 111111 | 1.66% | 0.546% |  |
| 287 | 21.325 | 21.305 | 21.351 | VV | 2199       | 60803  | 0.91% | 0.299% |  |
| 288 | 21.385 | 21.351 | 21.395 | VV | 2115       | 55408  | 0.83% | 0.272% |  |
| 289 | 21.425 | 21.395 | 21.478 | VV | 2117       | 99614  | 1.49% | 0.490% |  |
| 290 | 21.488 | 21.478 | 21.505 | VV | 1952       | 30516  | 0.46% | 0.150% |  |
| 291 | 21.603 | 21.505 | 21.611 | VV | 1923       | 120034 | 1.79% | 0.590% |  |
| 292 | 21.633 | 21.611 | 21.678 | VV | 1906       | 71883  | 1.07% | 0.353% |  |
| 293 | 21.718 | 21.678 | 21.783 | VV | 2150       | 116206 | 1.74% | 0.571% |  |
| 294 | 21.816 | 21.783 | 21.891 | VV | 1640       | 94232  | 1.41% | 0.463% |  |
| 295 | 21.921 | 21.891 | 21.935 | VV | 1302       | 33114  | 0.50% | 0.163% |  |
| 296 | 21.967 | 21.935 | 22.075 | VV | 1231       | 92353  | 1.38% | 0.454% |  |
| 297 | 22.103 | 22.075 | 22.149 | VV | 917        | 38429  | 0.57% | 0.189% |  |
| 298 | 22.215 | 22.149 | 22.271 | VV | 938        | 52535  | 0.79% | 0.258% |  |
| 299 | 22.285 | 22.271 | 22.354 | VV | 530        | 17477  | 0.26% | 0.086% |  |

|     |        |        |        |    |            |      |       |        |
|-----|--------|--------|--------|----|------------|------|-------|--------|
|     |        |        |        |    | rteres.txt |      |       |        |
| 300 | 22.427 | 22.354 | 22.445 | VV | 123        | 6932 | 0.10% | 0.034% |

Sum of corrected areas: 20347504

Aliphatic EPH 082825.M Sat Aug 30 04:08:58 2025