

rteres

Instrument :

FID\_G

ClientSampleId :

RR-DIES-WPDL

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG040122.M  
 Data File : FG009500.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Apr 2022 18:16  
 Sample : N1870-19DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/04/2022

Supervised By :mohammad ahmed 04/04/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040122.M  
 Title :

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         | 3.400       | 3.388        | 3.418      | VV       | 2130           | 24185        | 1.78%          | 0.041%        |
| 2         | 3.432       | 3.418        | 3.444      | VV       | 1734           | 20601        | 1.52%          | 0.035%        |
| 3         | 3.457       | 3.444        | 3.477      | VV       | 2045           | 26155        | 1.93%          | 0.045%        |
| 4         | 3.492       | 3.477        | 3.501      | VV       | 1525           | 14957        | 1.10%          | 0.026%        |
| 5         | 3.517       | 3.501        | 3.551      | VV       | 7161           | 93530        | 6.89%          | 0.160%        |
| 6         | 3.567       | 3.551        | 3.574      | VV       | 2560           | 25198        | 1.86%          | 0.043%        |
| 7         | 3.583       | 3.574        | 3.599      | VV       | 2481           | 29037        | 2.14%          | 0.050%        |
| 8         | 3.628       | 3.599        | 3.646      | VV       | 9932           | 120654       | 8.89%          | 0.207%        |
| 9         | 3.658       | 3.646        | 3.672      | VV       | 3612           | 43701        | 3.22%          | 0.075%        |
| 10        | 3.700       | 3.672        | 3.730      | VV       | 5832           | 102586       | 7.56%          | 0.176%        |
| 11        | 3.746       | 3.730        | 3.759      | VV       | 8345           | 84321        | 6.21%          | 0.144%        |
| 12        | 3.765       | 3.759        | 3.779      | VV       | 3810           | 33118        | 2.44%          | 0.057%        |
| 13        | 3.792       | 3.779        | 3.811      | VV       | 4699           | 48230        | 3.55%          | 0.083%        |
| 14        | 3.831       | 3.811        | 3.888      | VV       | 6806           | 147648       | 10.88%         | 0.253%        |
| 15        | 3.925       | 3.888        | 3.939      | VV       | 15648          | 184121       | 13.56%         | 0.315%        |
| 16        | 3.952       | 3.939        | 3.971      | VV       | 8714           | 95195        | 7.01%          | 0.163%        |
| 17        | 3.985       | 3.971        | 4.003      | VV       | 3673           | 54833        | 4.04%          | 0.094%        |
| 18        | 4.019       | 4.003        | 4.040      | VV       | 8818           | 101030       | 7.44%          | 0.173%        |
| 19        | 4.059       | 4.040        | 4.067      | VV       | 2666           | 30381        | 2.24%          | 0.052%        |
| 20        | 4.085       | 4.067        | 4.114      | VV       | 19278          | 240620       | 17.72%         | 0.412%        |
| 21        | 4.128       | 4.114        | 4.143      | VV       | 7000           | 84896        | 6.25%          | 0.145%        |
| 22        | 4.146       | 4.143        | 4.154      | VV       | 3553           | 23750        | 1.75%          | 0.041%        |
| 23        | 4.161       | 4.154        | 4.178      | VV       | 3503           | 40099        | 2.95%          | 0.069%        |
| 24        | 4.185       | 4.178        | 4.207      | VV       | 2051           | 22126        | 1.63%          | 0.038%        |
| 25        | 4.237       | 4.207        | 4.258      | VV       | 5051           | 75133        | 5.53%          | 0.129%        |
| 26        | 4.277       | 4.258        | 4.301      | VV       | 5726           | 84809        | 6.25%          | 0.145%        |
| 27        | 4.326       | 4.301        | 4.349      | VV       | 41319          | 433969       | 31.96%         | 0.743%        |
| 28        | 4.364       | 4.349        | 4.380      | VV       | 7832           | 84295        | 6.21%          | 0.144%        |
| 29        | 4.396       | 4.380        | 4.413      | VV       | 4561           | 55459        | 4.08%          | 0.095%        |
| 30        | 4.428       | 4.413        | 4.456      | VV       | 2566           | 44741        | 3.30%          | 0.077%        |
| 31        | 4.495       | 4.456        | 4.508      | VV       | 3658           | 93241        | 6.87%          | 0.160%        |
| 32        | 4.524       | 4.508        | 4.540      | VV       | 5586           | 80299        | 5.91%          | 0.137%        |
| 33        | 4.551       | 4.540        | 4.564      | VV       | 3450           | 44933        | 3.31%          | 0.077%        |
| 34        | 4.582       | 4.564        | 4.596      | VV       | 14165          | 147507       | 10.86%         | 0.253%        |
| 35        | 4.611       | 4.596        | 4.630      | VV       | 11287          | 152990       | 11.27%         | 0.262%        |
| 36        | 4.638       | 4.630        | 4.645      | VV       | 4758           | 41640        | 3.07%          | 0.071%        |

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|----|-------|-------|-------|----|---------|--------|--------|--------|
| 37 | 4.656 | 4.645 | 4.668 | VV | 6182    | 69407  | 5.11%  | 0.119% |
| 38 | 4.679 | 4.668 | 4.689 | VV | 5221    | 54791  |        |        |
| 39 | 4.707 | 4.689 | 4.723 | VV | 12924   | 178068 |        |        |
| 40 | 4.742 | 4.723 | 4.764 | VV | 8819    | 158741 |        |        |
| 41 | 4.795 | 4.764 | 4.815 | VV | 10269   | 186854 |        |        |
| 42 | 4.820 | 4.815 | 4.831 | VV | 2503    | 22552  |        |        |
| 43 | 4.853 | 4.831 | 4.869 | VV | 5282    | 79216  | 5.83%  | 0.136% |
| 44 | 4.884 | 4.869 | 4.898 | VV | 4032    | 57002  | 4.20%  | 0.098% |
| 45 | 4.913 | 4.898 | 4.924 | VV | 6584    | 75295  | 5.55%  | 0.129% |
| 46 | 4.937 | 4.924 | 4.952 | VV | 7096    | 91675  | 6.75%  | 0.157% |
| 47 | 4.968 | 4.952 | 4.993 | VV | 11253   | 166181 | 12.24% | 0.285% |
| 48 | 5.013 | 4.993 | 5.031 | VV | 10950   | 159706 | 11.76% | 0.273% |
| 49 | 5.043 | 5.031 | 5.056 | VV | 7801    | 85771  | 6.32%  | 0.147% |
| 50 | 5.071 | 5.056 | 5.109 | VV | 8703    | 145549 | 10.72% | 0.249% |
| 51 | 5.136 | 5.109 | 5.148 | VV | 3902    | 69767  | 5.14%  | 0.119% |
| 52 | 5.165 | 5.148 | 5.177 | VV | 5562    | 78018  | 5.75%  | 0.134% |
| 53 | 5.187 | 5.177 | 5.207 | VV | 4999    | 75195  | 5.54%  | 0.129% |
| 54 | 5.230 | 5.207 | 5.243 | VV | 7394    | 117095 | 8.62%  | 0.200% |
| 55 | 5.256 | 5.243 | 5.272 | VV | 7587    | 98253  | 7.24%  | 0.168% |
| 56 | 5.283 | 5.272 | 5.299 | VV | 4285    | 63675  | 4.69%  | 0.109% |
| 57 | 5.315 | 5.299 | 5.332 | VV | 4815    | 72166  | 5.32%  | 0.124% |
| 58 | 5.368 | 5.332 | 5.421 | VV | 51073   | 792810 | 58.39% | 1.357% |
| 59 | 5.436 | 5.421 | 5.473 | VV | 3567    | 83739  | 6.17%  | 0.143% |
| 60 | 5.492 | 5.473 | 5.505 | VV | 3164    | 52577  | 3.87%  | 0.090% |
| 61 | 5.515 | 5.505 | 5.526 | VV | 3015    | 35220  | 2.59%  | 0.060% |
| 62 | 5.547 | 5.526 | 5.575 | VV | 13479   | 217789 | 16.04% | 0.373% |
| 63 | 5.582 | 5.575 | 5.607 | VV | 3785    | 62152  | 4.58%  | 0.106% |
| 64 | 5.624 | 5.607 | 5.634 | VV | 5971    | 75779  | 5.58%  | 0.130% |
| 65 | 5.652 | 5.634 | 5.658 | VV | 11359   | 131465 | 9.68%  | 0.225% |
| 66 | 5.664 | 5.658 | 5.687 | VV | 10963   | 131791 | 9.71%  | 0.226% |
| 67 | 5.701 | 5.687 | 5.706 | VV | 5230    | 51589  | 3.80%  | 0.088% |
| 68 | 5.714 | 5.706 | 5.724 | VV | 5665    | 54772  | 4.03%  | 0.094% |
| 69 | 5.738 | 5.724 | 5.752 | VV | 11206   | 133210 | 9.81%  | 0.228% |
| 70 | 5.758 | 5.752 | 5.769 | VV | 5846    | 55952  | 4.12%  | 0.096% |
| 71 | 5.778 | 5.769 | 5.797 | VV | 5505    | 72976  | 5.38%  | 0.125% |
| 72 | 5.822 | 5.797 | 5.842 | VV | 6402    | 118662 | 8.74%  | 0.203% |
| 73 | 5.873 | 5.842 | 5.893 | VV | 6589    | 153118 | 11.28% | 0.262% |
| 74 | 5.920 | 5.893 | 5.941 | VV | 7991    | 174499 | 12.85% | 0.299% |
| 75 | 5.966 | 5.941 | 5.987 | VV | 9430    | 180885 | 13.32% | 0.310% |
| 76 | 6.011 | 5.987 | 6.031 | VV | 9765    | 151137 | 11.13% | 0.259% |
| 77 | 6.051 | 6.031 | 6.060 | VV | 7699    | 109934 | 8.10%  | 0.188% |
| 78 | 6.073 | 6.060 | 6.086 | VV | 10084   | 129066 | 9.51%  | 0.221% |
| 79 | 6.092 | 6.086 | 6.118 | VV | 7885    | 125224 | 9.22%  | 0.214% |
| 80 | 6.134 | 6.118 | 6.147 | VV | 6611    | 96008  | 7.07%  | 0.164% |
| 81 | 6.159 | 6.147 | 6.165 | VV | 6106    | 61097  | 4.50%  | 0.105% |
| 82 | 6.184 | 6.165 | 6.212 | VV | 9590    | 185008 | 13.63% | 0.317% |
| 83 | 6.232 | 6.212 | 6.244 | VV | 6318    | 101959 | 7.51%  | 0.175% |
| 84 | 6.251 | 6.244 | 6.257 | VV | 5765    | 43242  | 3.18%  | 0.074% |
| 85 | 6.282 | 6.257 | 6.311 | VV | 12699   | 250680 | 18.46% | 0.429% |
| 86 | 6.326 | 6.311 | 6.332 | VV | 6233    | 73152  | 5.39%  | 0.125% |
| 87 | 6.353 | 6.332 | 6.401 | VV | 44930   | 638022 | 46.99% | 1.092% |
| 88 | 6.411 | 6.401 | 6.425 | VV | 4590    | 61270  | 4.51%  | 0.105% |
| 89 | 6.440 | 6.425 | 6.450 | VV | 5132    | 69251  | 5.10%  | 0.119% |

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|     |       |       |       |    |       |        |        |        |
|-----|-------|-------|-------|----|-------|--------|--------|--------|
|     |       |       |       |    | rters |        |        |        |
| 90  | 6.472 | 6.450 | 6.483 | VV | 5813  | 107964 | 7.95%  | 0.185% |
| 91  | 6.502 | 6.483 | 6.528 | VV | 19048 | 290572 |        |        |
| 92  | 6.541 | 6.528 | 6.562 | VV | 8669  | 143919 |        |        |
| 93  | 6.572 | 6.562 | 6.587 | VV | 6234  | 83093  |        |        |
| 94  | 6.628 | 6.587 | 6.648 | VV | 9903  | 241768 |        |        |
| 95  | 6.673 | 6.648 | 6.700 | VV | 8719  | 208606 |        |        |
| 96  | 6.708 | 6.700 | 6.722 | VV | 6411  | 72606  | 5.35%  | 0.124% |
| 97  | 6.748 | 6.722 | 6.776 | VV | 23264 | 346994 | 25.56% | 0.594% |
| 98  | 6.793 | 6.776 | 6.802 | VV | 5413  | 82633  | 6.09%  | 0.141% |
| 99  | 6.819 | 6.802 | 6.834 | VV | 6727  | 112603 | 8.29%  | 0.193% |
| 100 | 6.871 | 6.834 | 6.892 | VV | 11777 | 290760 | 21.42% | 0.498% |
| 101 | 6.912 | 6.892 | 6.938 | VV | 12849 | 231226 | 17.03% | 0.396% |
| 102 | 6.975 | 6.938 | 6.999 | VV | 15911 | 375333 | 27.65% | 0.643% |
| 103 | 7.015 | 6.999 | 7.034 | VV | 10143 | 154681 | 11.39% | 0.265% |
| 104 | 7.057 | 7.034 | 7.092 | VV | 18125 | 346079 | 25.49% | 0.593% |
| 105 | 7.113 | 7.092 | 7.137 | VV | 8445  | 190494 | 14.03% | 0.326% |
| 106 | 7.156 | 7.137 | 7.172 | VV | 8557  | 141583 | 10.43% | 0.242% |
| 107 | 7.186 | 7.172 | 7.198 | VV | 6493  | 96216  | 7.09%  | 0.165% |
| 108 | 7.202 | 7.198 | 7.212 | VV | 6018  | 48917  | 3.60%  | 0.084% |
| 109 | 7.254 | 7.212 | 7.264 | VV | 25504 | 386920 | 28.50% | 0.662% |
| 110 | 7.280 | 7.264 | 7.302 | VV | 55640 | 684194 | 50.39% | 1.171% |
| 111 | 7.313 | 7.302 | 7.338 | VV | 10609 | 196161 | 14.45% | 0.336% |
| 112 | 7.343 | 7.338 | 7.358 | VV | 7905  | 87565  | 6.45%  | 0.150% |
| 113 | 7.365 | 7.358 | 7.384 | VV | 7036  | 101147 | 7.45%  | 0.173% |
| 114 | 7.399 | 7.384 | 7.425 | VV | 6731  | 148888 | 10.97% | 0.255% |
| 115 | 7.450 | 7.425 | 7.485 | VV | 17804 | 415785 | 30.62% | 0.712% |
| 116 | 7.502 | 7.485 | 7.522 | VV | 7695  | 141634 | 10.43% | 0.242% |
| 117 | 7.543 | 7.522 | 7.557 | VV | 7610  | 123273 | 9.08%  | 0.211% |
| 118 | 7.588 | 7.557 | 7.600 | VV | 10015 | 195319 | 14.39% | 0.334% |
| 119 | 7.614 | 7.600 | 7.630 | VV | 10039 | 154334 | 11.37% | 0.264% |
| 120 | 7.646 | 7.630 | 7.683 | VV | 9341  | 231157 | 17.03% | 0.396% |
| 121 | 7.705 | 7.683 | 7.721 | VV | 10896 | 193763 | 14.27% | 0.332% |
| 122 | 7.741 | 7.721 | 7.772 | VV | 11251 | 292009 | 21.51% | 0.500% |
| 123 | 7.799 | 7.772 | 7.820 | VV | 11572 | 254100 | 18.72% | 0.435% |
| 124 | 7.847 | 7.820 | 7.862 | VV | 13950 | 252271 | 18.58% | 0.432% |
| 125 | 7.879 | 7.862 | 7.891 | VV | 16847 | 225035 | 16.57% | 0.385% |
| 126 | 7.902 | 7.891 | 7.927 | VV | 16637 | 243174 | 17.91% | 0.416% |
| 127 | 7.973 | 7.927 | 8.003 | VV | 20822 | 489272 | 36.04% | 0.838% |
| 128 | 8.023 | 8.003 | 8.039 | VV | 8721  | 168928 | 12.44% | 0.289% |
| 129 | 8.060 | 8.039 | 8.082 | VV | 13554 | 271360 | 19.99% | 0.465% |
| 130 | 8.099 | 8.082 | 8.109 | VV | 11133 | 157651 | 11.61% | 0.270% |
| 131 | 8.153 | 8.109 | 8.179 | VV | 57498 | 965491 | 71.11% | 1.653% |
| 132 | 8.198 | 8.179 | 8.230 | VV | 11127 | 308295 | 22.71% | 0.528% |
| 133 | 8.251 | 8.230 | 8.280 | VV | 12092 | 283951 | 20.91% | 0.486% |
| 134 | 8.307 | 8.280 | 8.320 | VV | 13770 | 254650 | 18.76% | 0.436% |
| 135 | 8.333 | 8.320 | 8.348 | VV | 13441 | 187666 | 13.82% | 0.321% |
| 136 | 8.367 | 8.348 | 8.412 | VV | 16637 | 416232 | 30.66% | 0.713% |
| 137 | 8.444 | 8.412 | 8.465 | VV | 9271  | 260420 | 19.18% | 0.446% |
| 138 | 8.479 | 8.465 | 8.491 | VV | 7868  | 111930 | 8.24%  | 0.192% |
| 139 | 8.511 | 8.491 | 8.553 | VV | 11594 | 392446 | 28.91% | 0.672% |
| 140 | 8.577 | 8.553 | 8.589 | VV | 13138 | 255679 | 18.83% | 0.438% |
| 141 | 8.602 | 8.589 | 8.622 | VV | 13988 | 242480 | 17.86% | 0.415% |

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|     |        |        |        |    |       |         |         |        |
|-----|--------|--------|--------|----|-------|---------|---------|--------|
|     |        |        |        |    |       |         |         |        |
|     |        |        |        |    | rters |         |         |        |
| 142 | 8.644  | 8.622  | 8.658  | VV | 12758 | 245909  | 18.11%  | 0.421% |
| 143 | 8.691  | 8.658  | 8.716  | VV | 28320 | 555477  | 40.00%  | 0.421% |
| 144 | 8.742  | 8.716  | 8.757  | VV | 14160 | 271437  | 19.00%  | 0.421% |
| 145 | 8.767  | 8.757  | 8.779  | VV | 10965 | 129466  | 9.00%   | 0.421% |
|     |        |        |        |    |       |         |         |        |
| 146 | 8.791  | 8.779  | 8.800  | VV | 10309 | 123449  | 9.00%   | 0.421% |
| 147 | 8.813  | 8.800  | 8.824  | VV | 10396 | 146063  | 10.00%  | 0.421% |
| 148 | 8.837  | 8.824  | 8.855  | VV | 11990 | 197006  | 14.51%  | 0.337% |
| 149 | 8.866  | 8.855  | 8.884  | VV | 9642  | 157946  | 11.63%  | 0.270% |
| 150 | 8.916  | 8.884  | 8.937  | VV | 12112 | 330617  | 24.35%  | 0.566% |
|     |        |        |        |    |       |         |         |        |
| 151 | 8.978  | 8.937  | 9.039  | VV | 69389 | 1357678 | 100.00% | 2.324% |
| 152 | 9.063  | 9.039  | 9.085  | VV | 12663 | 287812  | 21.20%  | 0.493% |
| 153 | 9.113  | 9.085  | 9.135  | VV | 11790 | 301687  | 22.22%  | 0.517% |
| 154 | 9.151  | 9.135  | 9.157  | VV | 8984  | 112678  | 8.30%   | 0.193% |
| 155 | 9.174  | 9.157  | 9.185  | VV | 10450 | 160894  | 11.85%  | 0.275% |
|     |        |        |        |    |       |         |         |        |
| 156 | 9.202  | 9.185  | 9.230  | VV | 12379 | 290814  | 21.42%  | 0.498% |
| 157 | 9.255  | 9.230  | 9.270  | VV | 12426 | 258143  | 19.01%  | 0.442% |
| 158 | 9.277  | 9.270  | 9.290  | VV | 10250 | 115585  | 8.51%   | 0.198% |
| 159 | 9.305  | 9.290  | 9.321  | VV | 10891 | 182769  | 13.46%  | 0.313% |
| 160 | 9.353  | 9.321  | 9.385  | VV | 20004 | 519046  | 38.23%  | 0.889% |
|     |        |        |        |    |       |         |         |        |
| 161 | 9.401  | 9.385  | 9.405  | VV | 12004 | 142752  | 10.51%  | 0.244% |
| 162 | 9.437  | 9.405  | 9.461  | VV | 16233 | 432442  | 31.85%  | 0.740% |
| 163 | 9.485  | 9.461  | 9.502  | VV | 16248 | 316326  | 23.30%  | 0.542% |
| 164 | 9.518  | 9.502  | 9.525  | VV | 13510 | 176949  | 13.03%  | 0.303% |
| 165 | 9.537  | 9.525  | 9.559  | VV | 15733 | 260813  | 19.21%  | 0.447% |
|     |        |        |        |    |       |         |         |        |
| 166 | 9.579  | 9.559  | 9.591  | VV | 10188 | 181435  | 13.36%  | 0.311% |
| 167 | 9.607  | 9.591  | 9.626  | VV | 9713  | 201308  | 14.83%  | 0.345% |
| 168 | 9.637  | 9.626  | 9.649  | VV | 9697  | 129358  | 9.53%   | 0.221% |
| 169 | 9.674  | 9.649  | 9.686  | VV | 10724 | 223638  | 16.47%  | 0.383% |
| 170 | 9.713  | 9.686  | 9.735  | VV | 15978 | 392852  | 28.94%  | 0.673% |
|     |        |        |        |    |       |         |         |        |
| 171 | 9.759  | 9.735  | 9.807  | VV | 76012 | 1212376 | 89.30%  | 2.076% |
| 172 | 9.827  | 9.807  | 9.901  | VV | 11298 | 574647  | 42.33%  | 0.984% |
| 173 | 9.925  | 9.901  | 9.960  | VV | 11308 | 345533  | 25.45%  | 0.592% |
| 174 | 9.992  | 9.960  | 10.014 | VV | 10149 | 314132  | 23.14%  | 0.538% |
| 175 | 10.032 | 10.014 | 10.055 | VV | 10470 | 240682  | 17.73%  | 0.412% |
|     |        |        |        |    |       |         |         |        |
| 176 | 10.108 | 10.055 | 10.121 | VV | 13689 | 431446  | 31.78%  | 0.739% |
| 177 | 10.149 | 10.121 | 10.176 | VV | 33361 | 687700  | 50.65%  | 1.177% |
| 178 | 10.199 | 10.176 | 10.219 | VV | 14556 | 321638  | 23.69%  | 0.551% |
| 179 | 10.239 | 10.219 | 10.270 | VV | 14526 | 383883  | 28.27%  | 0.657% |
| 180 | 10.293 | 10.270 | 10.317 | VV | 16393 | 343704  | 25.32%  | 0.588% |
|     |        |        |        |    |       |         |         |        |
| 181 | 10.334 | 10.317 | 10.350 | VV | 9796  | 189673  | 13.97%  | 0.325% |
| 182 | 10.357 | 10.350 | 10.370 | VV | 9733  | 108843  | 8.02%   | 0.186% |
| 183 | 10.393 | 10.370 | 10.413 | VV | 12249 | 275866  | 20.32%  | 0.472% |
| 184 | 10.432 | 10.413 | 10.455 | VV | 11635 | 270755  | 19.94%  | 0.464% |
| 185 | 10.500 | 10.455 | 10.539 | VV | 72462 | 1282241 | 94.44%  | 2.195% |
|     |        |        |        |    |       |         |         |        |
| 186 | 10.573 | 10.539 | 10.604 | VV | 35173 | 785307  | 57.84%  | 1.345% |
| 187 | 10.608 | 10.604 | 10.664 | VV | 12129 | 374236  | 27.56%  | 0.641% |
| 188 | 10.695 | 10.664 | 10.713 | VV | 10247 | 285246  | 21.01%  | 0.488% |
| 189 | 10.735 | 10.713 | 10.752 | VV | 10901 | 238895  | 17.60%  | 0.409% |
| 190 | 10.775 | 10.752 | 10.798 | VV | 11365 | 286651  | 21.11%  | 0.491% |
|     |        |        |        |    |       |         |         |        |
| 191 | 10.823 | 10.798 | 10.861 | VV | 13852 | 449257  | 33.09%  | 0.769% |
| 192 | 10.894 | 10.861 | 10.936 | VV | 17052 | 575023  | 42.35%  | 0.985% |
| 193 | 10.957 | 10.936 | 10.987 | VV | 13558 | 344604  | 25.38%  | 0.590% |
| 194 | 11.009 | 10.987 | 11.037 | VV | 12198 | 314599  | 23.17%  | 0.539% |

Instrument :

FID\_G

ClientSampleId :

RR-DIES-WPDL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/04/2022

Supervised By :mohammad ahmed 04/04/2022

|     |        |        |        |    |       |                                  |                             |
|-----|--------|--------|--------|----|-------|----------------------------------|-----------------------------|
|     |        |        |        |    |       | Instrument :<br>FID_G            |                             |
|     |        |        |        |    |       | ClientSampleId :<br>RR-DIES-WPDL |                             |
| 195 | 11.050 | 11.037 | 11.082 | VV | 10328 | 255856                           | 18.85% 0.438%               |
| 196 | 11.107 | 11.082 | 11.124 | VV | 9776  | 232365                           | Manual IntegrationsAPPROVED |
| 197 | 11.128 | 11.124 | 11.133 | VV | 9450  | 49850                            |                             |
| 198 | 11.154 | 11.133 | 11.173 | VV | 10393 | 238028                           |                             |
| 199 | 11.206 | 11.173 | 11.251 | VV | 57223 | 1040937                          |                             |
| 200 | 11.255 | 11.251 | 11.267 | VV | 10173 | 95061                            |                             |
| 201 | 11.298 | 11.267 | 11.344 | VV | 25302 | 669267                           | 49.29% 1.146%               |
| 202 | 11.362 | 11.344 | 11.383 | VV | 9326  | 208593                           | 15.36% 0.357%               |
| 203 | 11.389 | 11.383 | 11.392 | VV | 8798  | 47635                            | 3.51% 0.082%                |
| 204 | 11.405 | 11.392 | 11.432 | VV | 9164  | 211861                           | 15.60% 0.363%               |
| 205 | 11.448 | 11.432 | 11.454 | VV | 8869  | 111802                           | 8.23% 0.191%                |
| 206 | 11.501 | 11.454 | 11.548 | VV | 12410 | 587632                           | 43.28% 1.006%               |
| 207 | 11.565 | 11.548 | 11.580 | VV | 10191 | 180674                           | 13.31% 0.309%               |
| 208 | 11.602 | 11.580 | 11.623 | VV | 12981 | 282477                           | 20.81% 0.484%               |
| 209 | 11.642 | 11.623 | 11.668 | VV | 11323 | 272785                           | 20.09% 0.467%               |
| 210 | 11.691 | 11.668 | 11.714 | VV | 11984 | 277371                           | 20.43% 0.475%               |
| 211 | 11.718 | 11.714 | 11.747 | VV | 8543  | 163663                           | 12.05% 0.280%               |
| 212 | 11.765 | 11.747 | 11.785 | VV | 8973  | 195431                           | 14.39% 0.335%               |
| 213 | 11.801 | 11.785 | 11.827 | VV | 8410  | 202891                           | 14.94% 0.347%               |
| 214 | 11.878 | 11.827 | 11.906 | VV | 47100 | 930186                           | 68.51% 1.593%               |
| 215 | 11.931 | 11.906 | 11.969 | VV | 21383 | 486567                           | 35.84% 0.833%               |
| 216 | 11.993 | 11.969 | 12.021 | VV | 8564  | 255155                           | 18.79% 0.437%               |
| 217 | 12.026 | 12.021 | 12.050 | VV | 7655  | 126455                           | 9.31% 0.217%                |
| 218 | 12.075 | 12.050 | 12.096 | VV | 8000  | 209026                           | 15.40% 0.358%               |
| 219 | 12.123 | 12.096 | 12.139 | VV | 12529 | 250228                           | 18.43% 0.428%               |
| 220 | 12.153 | 12.139 | 12.205 | VV | 9817  | 344002                           | 25.34% 0.589%               |
| 221 | 12.223 | 12.205 | 12.241 | VV | 7989  | 166491                           | 12.26% 0.285%               |
| 222 | 12.262 | 12.241 | 12.274 | VV | 9189  | 170213                           | 12.54% 0.291%               |
| 223 | 12.291 | 12.274 | 12.324 | VV | 10550 | 251079                           | 18.49% 0.430%               |
| 224 | 12.344 | 12.324 | 12.371 | VV | 8745  | 215056                           | 15.84% 0.368%               |
| 225 | 12.385 | 12.371 | 12.401 | VV | 6913  | 122610                           | 9.03% 0.210%                |
| 226 | 12.407 | 12.401 | 12.419 | VV | 6805  | 69596                            | 5.13% 0.119%                |
| 227 | 12.447 | 12.419 | 12.469 | VV | 8159  | 218937                           | 16.13% 0.375%               |
| 228 | 12.521 | 12.469 | 12.564 | VV | 35496 | 741048                           | 54.58% 1.269%               |
| 229 | 12.581 | 12.564 | 12.604 | VV | 7540  | 167839                           | 12.36% 0.287%               |
| 230 | 12.623 | 12.604 | 12.653 | VV | 6593  | 187393                           | 13.80% 0.321%               |
| 231 | 12.668 | 12.653 | 12.686 | VV | 6527  | 120242                           | 8.86% 0.206%                |
| 232 | 12.691 | 12.686 | 12.715 | VV | 5643  | 95193                            | 7.01% 0.163%                |
| 233 | 12.719 | 12.715 | 12.728 | VV | 5358  | 43550                            | 3.21% 0.075%                |
| 234 | 12.743 | 12.728 | 12.755 | VV | 5440  | 85308                            | 6.28% 0.146%                |
| 235 | 12.781 | 12.755 | 12.804 | VV | 6757  | 183833                           | 13.54% 0.315%               |
| 236 | 12.813 | 12.804 | 12.830 | VV | 6285  | 91740                            | 6.76% 0.157%                |
| 237 | 12.847 | 12.830 | 12.869 | VV | 6165  | 134864                           | 9.93% 0.231%                |
| 238 | 12.882 | 12.869 | 12.897 | VV | 6149  | 97964                            | 7.22% 0.168%                |
| 239 | 12.951 | 12.897 | 12.988 | VV | 66028 | 1184268                          | 87.23% 2.028%               |
| 240 | 13.009 | 12.988 | 13.080 | VV | 30845 | 652611                           | 48.07% 1.117%               |
| 241 | 13.087 | 13.080 | 13.094 | VV | 4648  | 36749                            | 2.71% 0.063%                |
| 242 | 13.100 | 13.094 | 13.107 | VV | 4654  | 37245                            | 2.74% 0.064%                |
| 243 | 13.135 | 13.107 | 13.166 | VV | 23618 | 404110                           | 29.76% 0.692%               |
| 244 | 13.189 | 13.166 | 13.253 | VV | 9924  | 314102                           | 23.14% 0.538%               |
| 245 | 13.268 | 13.253 | 13.282 | VV | 4208  | 70603                            | 5.20% 0.121%                |
| 246 | 13.298 | 13.282 | 13.321 | VV | 4197  | 92278                            | 6.80% 0.158%                |

|     |        |        |        |    | rters |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 247 | 13.364 | 13.321 | 13.400 | VV | 7401  | 244400 | 18.00% | 0.418% |
| 248 | 13.411 | 13.400 | 13.433 | VV | 4642  | 85598  |        |        |
| 249 | 13.446 | 13.433 | 13.469 | VV | 4089  | 82326  |        |        |
| 250 | 13.482 | 13.469 | 13.501 | VV | 4202  | 77313  |        |        |
| 251 | 13.517 | 13.501 | 13.540 | VV | 4360  | 92527  |        |        |
| 252 | 13.560 | 13.540 | 13.590 | VV | 4437  | 119785 |        |        |
| 253 | 13.632 | 13.590 | 13.681 | VV | 3720  | 179551 | 13.22% | 0.307% |
| 254 | 13.723 | 13.681 | 13.760 | VV | 14826 | 288488 | 21.25% | 0.494% |
| 255 | 13.779 | 13.760 | 13.795 | VV | 3238  | 62681  | 4.62%  | 0.107% |
| 256 | 13.801 | 13.795 | 13.808 | VV | 2998  | 22844  | 1.68%  | 0.039% |
| 257 | 13.813 | 13.808 | 13.860 | VV | 2995  | 82253  | 6.06%  | 0.141% |
| 258 | 13.872 | 13.860 | 13.890 | VV | 2524  | 43343  | 3.19%  | 0.074% |
| 259 | 13.894 | 13.890 | 13.902 | VV | 2309  | 15868  | 1.17%  | 0.027% |
| 260 | 13.959 | 13.902 | 14.005 | VV | 3502  | 168558 | 12.42% | 0.289% |
| 261 | 14.016 | 14.005 | 14.039 | VV | 2524  | 47771  | 3.52%  | 0.082% |
| 262 | 14.047 | 14.039 | 14.052 | VV | 2206  | 16792  | 1.24%  | 0.029% |
| 263 | 14.058 | 14.052 | 14.065 | VV | 2274  | 17866  | 1.32%  | 0.031% |
| 264 | 14.090 | 14.065 | 14.127 | VV | 2815  | 92052  | 6.78%  | 0.158% |
| 265 | 14.138 | 14.127 | 14.178 | VV | 2426  | 62539  | 4.61%  | 0.107% |
| 266 | 14.187 | 14.178 | 14.209 | VV | 1948  | 33819  | 2.49%  | 0.058% |
| 267 | 14.220 | 14.209 | 14.245 | VV | 1848  | 37179  | 2.74%  | 0.064% |
| 268 | 14.251 | 14.245 | 14.259 | VV | 1558  | 13102  | 0.97%  | 0.022% |
| 269 | 14.289 | 14.259 | 14.325 | VV | 7623  | 139638 | 10.29% | 0.239% |
| 270 | 14.352 | 14.325 | 14.377 | VV | 1909  | 53323  | 3.93%  | 0.091% |
| 271 | 14.388 | 14.377 | 14.400 | VV | 1635  | 22425  | 1.65%  | 0.038% |
| 272 | 14.413 | 14.400 | 14.422 | VV | 1668  | 20970  | 1.54%  | 0.036% |
| 273 | 14.427 | 14.422 | 14.470 | VV | 1577  | 40091  | 2.95%  | 0.069% |
| 274 | 14.492 | 14.470 | 14.534 | VV | 1469  | 50607  | 3.73%  | 0.087% |
| 275 | 14.541 | 14.534 | 14.567 | VV | 1314  | 25396  | 1.87%  | 0.043% |
| 276 | 14.586 | 14.567 | 14.597 | VV | 1559  | 25862  | 1.90%  | 0.044% |
| 277 | 14.627 | 14.597 | 14.707 | VV | 35795 | 586075 | 43.17% | 1.003% |
| 278 | 14.716 | 14.707 | 14.745 | VV | 970   | 19669  | 1.45%  | 0.034% |
| 279 | 14.749 | 14.745 | 14.764 | VV | 825   | 8714   | 0.64%  | 0.015% |
| 280 | 14.786 | 14.764 | 14.804 | VV | 1156  | 21979  | 1.62%  | 0.038% |
| 281 | 14.831 | 14.804 | 14.865 | VV | 3074  | 57143  | 4.21%  | 0.098% |
| 282 | 14.871 | 14.865 | 14.876 | VV | 732   | 4296   | 0.32%  | 0.007% |
| 283 | 14.882 | 14.876 | 14.891 | VV | 763   | 6508   | 0.48%  | 0.011% |
| 284 | 14.896 | 14.891 | 14.927 | VV | 725   | 14515  | 1.07%  | 0.025% |
| 285 | 14.930 | 14.927 | 14.956 | VV | 583   | 8971   | 0.66%  | 0.015% |
| 286 | 14.971 | 14.956 | 15.007 | VV | 546   | 14452  | 1.06%  | 0.025% |
| 287 | 15.028 | 15.007 | 15.042 | VV | 678   | 11308  | 0.83%  | 0.019% |
| 288 | 15.049 | 15.042 | 15.069 | VV | 510   | 7783   | 0.57%  | 0.013% |
| 289 | 15.071 | 15.069 | 15.082 | VV | 499   | 3665   | 0.27%  | 0.006% |
| 290 | 15.087 | 15.082 | 15.120 | VV | 446   | 8398   | 0.62%  | 0.014% |
| 291 | 15.127 | 15.120 | 15.135 | VV | 325   | 2789   | 0.21%  | 0.005% |
| 292 | 15.170 | 15.135 | 15.207 | VV | 434   | 14005  | 1.03%  | 0.024% |
| 293 | 15.216 | 15.207 | 15.244 | VV | 364   | 6851   | 0.50%  | 0.012% |
| 294 | 15.259 | 15.244 | 15.268 | VV | 362   | 4460   | 0.33%  | 0.008% |
| 295 | 15.270 | 15.268 | 15.297 | VV | 346   | 4571   | 0.34%  | 0.008% |
| 296 | 15.303 | 15.297 | 15.327 | VV | 227   | 3285   | 0.24%  | 0.006% |
| 297 | 15.353 | 15.327 | 15.389 | VV | 1027  | 18708  | 1.38%  | 0.032% |
| 298 | 15.413 | 15.389 | 15.442 | VV | 482   | 9711   | 0.72%  | 0.017% |
| 299 | 15.446 | 15.442 | 15.462 | VV | 167   | 1593   | 0.12%  | 0.003% |

Instrument :

FID\_G

ClientSampleId :

RR-DIES-WPDL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/04/2022

Supervised By :mohammad ahmed 04/04/2022

|     |        |        |        |    |     |       |       |        |
|-----|--------|--------|--------|----|-----|-------|-------|--------|
| 300 | 15.465 | 15.462 | 15.479 | VV | 159 | 1348  | 0.10% | 0.002% |
| 301 | 15.482 | 15.479 | 15.486 | VV | 148 | 553   |       |        |
| 302 | 15.491 | 15.486 | 15.510 | VV | 192 | 1732  |       |        |
| 303 | 15.522 | 15.510 | 15.530 | VV | 111 | 1034  |       |        |
| 304 | 15.538 | 15.530 | 15.557 | VV | 170 | 1986  |       |        |
| 305 | 15.571 | 15.557 | 15.580 | VV | 207 | 1873  |       |        |
| 306 | 15.605 | 15.580 | 15.611 | VV | 247 | 3392  | 0.25% | 0.006% |
| 307 | 15.614 | 15.611 | 15.625 | VV | 183 | 1373  | 0.10% | 0.002% |
| 308 | 15.641 | 15.625 | 15.647 | VV | 224 | 2371  | 0.17% | 0.004% |
| 309 | 15.653 | 15.647 | 15.690 | VV | 184 | 3290  | 0.24% | 0.006% |
| 310 | 15.702 | 15.690 | 15.710 | VV | 103 | 967   | 0.07% | 0.002% |
| 311 | 15.718 | 15.710 | 15.723 | VV | 131 | 678   | 0.05% | 0.001% |
| 312 | 15.730 | 15.723 | 15.771 | VV | 160 | 2434  | 0.18% | 0.004% |
| 313 | 15.790 | 15.771 | 15.805 | VV | 116 | 1266  | 0.09% | 0.002% |
| 314 | 15.810 | 15.805 | 15.815 | PV | 72  | 271   | 0.02% | 0.000% |
| 315 | 15.859 | 15.815 | 15.906 | VV | 573 | 12982 | 0.96% | 0.022% |
| 316 | 15.915 | 15.906 | 15.922 | VV | 111 | 862   | 0.06% | 0.001% |
| 317 | 15.929 | 15.922 | 15.945 | VV | 112 | 955   | 0.07% | 0.002% |
| 318 | 15.949 | 15.945 | 15.981 | VV | 66  | 815   | 0.06% | 0.001% |
| 319 | 16.006 | 15.981 | 16.023 | PV | 123 | 1670  | 0.12% | 0.003% |
| 320 | 16.046 | 16.023 | 16.050 | VV | 221 | 2343  | 0.17% | 0.004% |
| 321 | 16.060 | 16.050 | 16.075 | VV | 258 | 2856  | 0.21% | 0.005% |
| 322 | 16.078 | 16.075 | 16.095 | VV | 144 | 1078  | 0.08% | 0.002% |
| 323 | 16.102 | 16.095 | 16.119 | VV | 75  | 676   | 0.05% | 0.001% |
| 324 | 16.125 | 16.119 | 16.138 | VV | 90  | 539   | 0.04% | 0.001% |
| 325 | 16.149 | 16.138 | 16.155 | VV | 84  | 500   | 0.04% | 0.001% |
| 326 | 16.167 | 16.155 | 16.183 | PV | 83  | 687   | 0.05% | 0.001% |
| 327 | 16.189 | 16.183 | 16.193 | VV | 70  | 232   | 0.02% | 0.000% |
| 328 | 16.205 | 16.193 | 16.217 | VV | 74  | 745   | 0.05% | 0.001% |
| 329 | 16.230 | 16.217 | 16.235 | VV | 90  | 594   | 0.04% | 0.001% |
| 330 | 16.245 | 16.235 | 16.258 | VV | 80  | 680   | 0.05% | 0.001% |
| 331 | 16.265 | 16.258 | 16.281 | PV | 59  | 608   | 0.04% | 0.001% |
| 332 | 16.330 | 16.281 | 16.367 | VV | 633 | 16868 | 1.24% | 0.029% |
| 333 | 16.401 | 16.367 | 16.429 | VV | 252 | 6339  | 0.47% | 0.011% |
| 334 | 16.440 | 16.429 | 16.449 | VV | 137 | 1321  | 0.10% | 0.002% |
| 335 | 16.474 | 16.449 | 16.486 | VV | 176 | 2433  | 0.18% | 0.004% |
| 336 | 16.505 | 16.486 | 16.525 | VV | 350 | 5928  | 0.44% | 0.010% |
| 337 | 16.534 | 16.525 | 16.544 | VV | 131 | 1155  | 0.09% | 0.002% |
| 338 | 16.585 | 16.544 | 16.593 | VV | 132 | 2381  | 0.18% | 0.004% |
| 339 | 16.641 | 16.593 | 16.660 | PV | 124 | 2760  | 0.20% | 0.005% |
| 340 | 16.705 | 16.660 | 16.743 | VV | 187 | 5150  | 0.38% | 0.009% |
| 341 | 16.762 | 16.743 | 16.767 | PV | 163 | 1578  | 0.12% | 0.003% |
| 342 | 16.772 | 16.767 | 16.784 | VV | 154 | 1202  | 0.09% | 0.002% |
| 343 | 16.811 | 16.784 | 16.844 | VV | 878 | 13716 | 1.01% | 0.023% |
| 344 | 16.853 | 16.844 | 16.869 | VV | 75  | 611   | 0.04% | 0.001% |

Sum of corrected areas: 58407468

Instrument :

FID\_G

ClientSampleId :

RR-DIES-WPDL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/04/2022

Supervised By :mohammad ahmed 04/04/2022