

Instrument :

FID_G

ClientSampleId :

AU-05-082925MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG016550.D

Data File : FG016550.D

Signal(s) : FID1A.ch

Acq On : 04 Sep 2025 16:45

Sample : Q2998-01MSD

Misc :

ALS Vial : 48 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M

Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.041	2.022	2.065	PV	569	7668	0.11%	0.002%
2	2.104	2.065	2.172	VV	132614	1760309	24.89%	0.466%
3	2.176	2.172	2.222	VV	333	6785	0.10%	0.002%
4	2.229	2.222	2.240	VV	147	1079	0.02%	0.000%
5	2.246	2.240	2.258	PV	138	1048	0.01%	0.000%
6	2.267	2.258	2.282	VV	224	2423	0.03%	0.001%
7	2.298	2.282	2.306	VV	398	4095	0.06%	0.001%
8	2.322	2.306	2.364	VV	431	8804	0.12%	0.002%
9	2.384	2.364	2.423	VV	3528	43073	0.61%	0.011%
10	2.456	2.423	2.506	VV	722	16260	0.23%	0.004%
11	2.524	2.506	2.538	VV	524	6263	0.09%	0.002%
12	2.555	2.538	2.597	VV	441	10312	0.15%	0.003%
13	2.607	2.597	2.630	VV	274	3779	0.05%	0.001%
14	2.636	2.630	2.659	VV	220	2720	0.04%	0.001%
15	2.687	2.659	2.708	VV	2150	27957	0.40%	0.007%
16	2.711	2.708	2.770	VV	585	8605	0.12%	0.002%
17	2.803	2.770	2.857	PV	4410	85543	1.21%	0.023%
18	2.869	2.857	2.908	VV	490	8637	0.12%	0.002%
19	2.925	2.908	2.947	VV	434	8078	0.11%	0.002%
20	2.953	2.947	2.976	VV	303	3812	0.05%	0.001%
21	2.998	2.976	3.002	VV	665	7018	0.10%	0.002%
22	3.024	3.002	3.053	VV	1365	26911	0.38%	0.007%
23	3.079	3.053	3.103	VV	2504	35233	0.50%	0.009%
24	3.118	3.103	3.139	VV	937	13911	0.20%	0.004%
25	3.165	3.139	3.183	VV	885	17049	0.24%	0.005%
26	3.190	3.183	3.218	VV	604	7748	0.11%	0.002%
27	3.232	3.218	3.279	VV	332	7456	0.11%	0.002%
28	3.314	3.279	3.336	VV	515	8563	0.12%	0.002%
29	3.354	3.336	3.361	VV	207	2478	0.04%	0.001%
30	3.387	3.361	3.402	VV	1819	26675	0.38%	0.007%
31	3.405	3.402	3.425	VV	1393	13712	0.19%	0.004%

32	3.431	3.425	3.459	VV	565	7275	0.10%	0.002%
33	3.463	3.459	3.468	VV	120	41		
34	3.473	3.468	3.478	VV	54	23		
35	3.507	3.478	3.518	PV	663	711		
36	3.534	3.518	3.550	VV	653	918		
37	3.563	3.550	3.582	VV	652	7852	0.11%	0.002%
38	3.608	3.582	3.628	VV	800	14435	0.20%	0.004%
39	3.635	3.628	3.660	VV	704	8372	0.12%	0.002%
40	3.676	3.660	3.690	VV	494	6254	0.09%	0.002%
41	3.710	3.690	3.752	VV	1552	32024	0.45%	0.008%
42	3.788	3.752	3.818	VV	850	23877	0.34%	0.006%
43	3.839	3.818	3.867	VV	2367	46912	0.66%	0.012%
44	3.877	3.867	3.898	VV	1765	23607	0.33%	0.006%
45	3.923	3.898	3.959	VV	1965	41954	0.59%	0.011%
46	3.980	3.959	3.996	VV	3353	42645	0.60%	0.011%
47	4.003	3.996	4.018	VV	1813	18552	0.26%	0.005%
48	4.032	4.018	4.058	VV	1959	23975	0.34%	0.006%
49	4.083	4.058	4.147	VV	3073	72387	1.02%	0.019%
50	4.169	4.147	4.175	PV	1150	11144	0.16%	0.003%
51	4.189	4.175	4.204	VV	2717	33071	0.47%	0.009%
52	4.220	4.204	4.239	VV	1859	30671	0.43%	0.008%
53	4.256	4.239	4.273	VV	2857	40604	0.57%	0.011%
54	4.294	4.273	4.326	VV	2368	47944	0.68%	0.013%
55	4.375	4.326	4.404	VV	6123	107082	1.51%	0.028%
56	4.420	4.404	4.449	VV	3027	52668	0.74%	0.014%
57	4.467	4.449	4.504	VV	1696	30636	0.43%	0.008%
58	4.547	4.504	4.573	PV	2326	38756	0.55%	0.010%
59	4.593	4.573	4.621	VV	1971	35678	0.50%	0.009%
60	4.653	4.621	4.681	VV	194850	2035003	28.77%	0.538%
61	4.692	4.681	4.709	VV	3381	38436	0.54%	0.010%
62	4.728	4.709	4.755	VV	2954	45255	0.64%	0.012%
63	4.764	4.755	4.790	VV	673	9748	0.14%	0.003%
64	4.813	4.790	4.852	VV	3191	67644	0.96%	0.018%
65	4.872	4.852	4.878	VV	3730	45115	0.64%	0.012%
66	4.886	4.878	4.922	VV	4059	72269	1.02%	0.019%
67	4.938	4.922	4.952	VV	3939	45085	0.64%	0.012%
68	4.964	4.952	4.979	VV	2765	32839	0.46%	0.009%
69	4.999	4.979	5.009	VV	2667	37488	0.53%	0.010%
70	5.020	5.009	5.034	VV	3273	38413	0.54%	0.010%
71	5.071	5.034	5.087	VV	4091	75988	1.07%	0.020%
72	5.118	5.087	5.138	VV	4307	93126	1.32%	0.025%
73	5.171	5.138	5.212	VV	8349	162210	2.29%	0.043%
74	5.236	5.212	5.256	VV	2559	44533	0.63%	0.012%
75	5.272	5.256	5.296	VV	2111	29206	0.41%	0.008%
76	5.340	5.296	5.353	VV	3208	66185	0.94%	0.018%
77	5.366	5.353	5.393	VV	4457	67931	0.96%	0.018%
78	5.413	5.393	5.428	VV	4374	56247	0.80%	0.015%
79	5.445	5.428	5.459	VV	7737	90104	1.27%	0.024%

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80	5.476	5.459	5.492	VV	3978	64843	0.92%	0.017%
81	5.499	5.492	5.518	VV	2535	2467		
82	5.546	5.518	5.558	PV	1539	2501		
83	5.579	5.558	5.590	VV	3182	4147		
84	5.602	5.590	5.625	VV	4538	6596		
85	5.645	5.625	5.657	VV	4938	67426	0.95%	0.018%
86	5.673	5.657	5.692	VV	6414	87874	1.24%	0.023%
87	5.704	5.692	5.716	VV	2766	31367	0.44%	0.008%
88	5.738	5.716	5.757	VV	3209	53374	0.75%	0.014%
89	5.772	5.757	5.781	VV	2241	20595	0.29%	0.005%
90	5.798	5.781	5.807	VV	15115	146438	2.07%	0.039%
91	5.816	5.807	5.842	VV	14634	172568	2.44%	0.046%
92	5.854	5.842	5.864	VV	2643	30354	0.43%	0.008%
93	5.870	5.864	5.908	VV	2413	31185	0.44%	0.008%
94	5.927	5.908	5.943	VV	1746	21458	0.30%	0.006%
95	5.955	5.943	5.964	VV	999	8419	0.12%	0.002%
96	5.987	5.964	6.018	VV	18241	223471	3.16%	0.059%
97	6.027	6.018	6.035	VV	1621	14207	0.20%	0.004%
98	6.069	6.035	6.082	VV	4641	72956	1.03%	0.019%
99	6.096	6.082	6.106	VV	5857	68285	0.97%	0.018%
100	6.114	6.106	6.145	VV	6085	83985	1.19%	0.022%
101	6.166	6.145	6.176	VV	2155	30558	0.43%	0.008%
102	6.192	6.176	6.204	VV	7068	73889	1.04%	0.020%
103	6.214	6.204	6.226	VV	4229	47852	0.68%	0.013%
104	6.233	6.226	6.253	VV	3496	36416	0.51%	0.010%
105	6.282	6.253	6.300	PV	4049	57111	0.81%	0.015%
106	6.318	6.300	6.324	VV	5165	45712	0.65%	0.012%
107	6.336	6.324	6.356	VV	7116	87263	1.23%	0.023%
108	6.377	6.356	6.403	VV	15497	207904	2.94%	0.055%
109	6.429	6.403	6.454	VV	7527	137016	1.94%	0.036%
110	6.479	6.454	6.500	VV	6705	85656	1.21%	0.023%
111	6.523	6.500	6.535	VV	5944	84667	1.20%	0.022%
112	6.547	6.535	6.551	VV	5948	48559	0.69%	0.013%
113	6.564	6.551	6.592	VV	8898	152711	2.16%	0.040%
114	6.608	6.592	6.618	VV	5104	58845	0.83%	0.016%
115	6.630	6.618	6.643	VV	4827	59353	0.84%	0.016%
116	6.662	6.643	6.686	VV	6414	96243	1.36%	0.025%
117	6.710	6.686	6.722	VV	3124	46422	0.66%	0.012%
118	6.764	6.722	6.797	VV	10213	243665	3.45%	0.064%
119	6.836	6.797	6.867	VV	218918	2292633	32.42%	0.606%
120	6.872	6.867	6.889	VV	3153	31535	0.45%	0.008%
121	6.898	6.889	6.902	VV	1539	11570	0.16%	0.003%
122	6.927	6.902	6.938	VV	4505	62712	0.89%	0.017%
123	6.951	6.938	6.957	VV	4622	43245	0.61%	0.011%
124	6.967	6.957	6.975	VV	4941	46227	0.65%	0.012%
125	6.990	6.975	7.006	VV	12437	147134	2.08%	0.039%
126	7.012	7.006	7.020	VV	4699	36265	0.51%	0.010%

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127	7.036	7.020	7.055	VV	8973	119531	1.69%	0.032%
128	7.065	7.055	7.075	VV	2462	2173		
129	7.122	7.075	7.142	VV	9343	19586		
130	7.182	7.142	7.198	PV	6077	13393		
131	7.205	7.198	7.218	VV	3124	2749		
132	7.249	7.218	7.273	VV	18956	253394	3.58%	0.067%
133	7.286	7.273	7.297	VV	3324	39782	0.56%	0.011%
134	7.317	7.297	7.334	VV	5709	100267	1.42%	0.027%
135	7.352	7.334	7.360	VV	10403	119103	1.68%	0.032%
136	7.375	7.360	7.394	VV	13310	192364	2.72%	0.051%
137	7.414	7.394	7.442	VV	14888	219155	3.10%	0.058%
138	7.481	7.442	7.507	VV	25774	454659	6.43%	0.120%
139	7.516	7.507	7.542	VV	7224	106964	1.51%	0.028%
140	7.562	7.542	7.603	VV	22560	371467	5.25%	0.098%
141	7.620	7.603	7.647	VV	15209	220835	3.12%	0.058%
142	7.665	7.647	7.683	VV	9678	140844	1.99%	0.037%
143	7.695	7.683	7.729	VV	4873	102796	1.45%	0.027%
144	7.771	7.729	7.777	VV	28106	351193	4.97%	0.093%
145	7.790	7.777	7.817	VV	37678	514264	7.27%	0.136%
146	7.832	7.817	7.856	VV	11818	208343	2.95%	0.055%
147	7.864	7.856	7.872	VV	8518	80395	1.14%	0.021%
148	7.878	7.872	7.903	VV	8718	114484	1.62%	0.030%
149	7.922	7.903	7.937	VV	5304	89980	1.27%	0.024%
150	7.969	7.937	7.982	VV	22859	342418	4.84%	0.091%
151	7.987	7.982	8.007	VV	16864	178221	2.52%	0.047%
152	8.023	8.007	8.040	VV	8984	116559	1.65%	0.031%
153	8.067	8.040	8.075	VV	7141	92626	1.31%	0.025%
154	8.088	8.075	8.098	VV	10640	121812	1.72%	0.032%
155	8.110	8.098	8.121	VV	11382	130047	1.84%	0.034%
156	8.129	8.121	8.149	VV	9711	129564	1.83%	0.034%
157	8.180	8.149	8.203	VV	8660	204824	2.90%	0.054%
158	8.229	8.203	8.261	VV	19537	414930	5.87%	0.110%
159	8.278	8.261	8.296	VV	13823	218729	3.09%	0.058%
160	8.317	8.296	8.342	VV	14869	267690	3.78%	0.071%
161	8.369	8.342	8.391	VV	18330	356442	5.04%	0.094%
162	8.412	8.391	8.462	VV	37016	823519	11.64%	0.218%
163	8.496	8.462	8.515	VV	35278	624184	8.83%	0.165%
164	8.520	8.515	8.537	VV	11480	132068	1.87%	0.035%
165	8.558	8.537	8.572	VV	13053	230463	3.26%	0.061%
166	8.588	8.572	8.594	VV	18428	196011	2.77%	0.052%
167	8.606	8.594	8.620	VV	22669	285609	4.04%	0.076%
168	8.633	8.620	8.647	VV	21967	290015	4.10%	0.077%
169	8.679	8.647	8.708	VV	250662	3091322	43.71%	0.818%
170	8.720	8.708	8.741	VV	19489	288585	4.08%	0.076%
171	8.793	8.741	8.816	VV	40738	933349	13.20%	0.247%
172	8.846	8.816	8.861	VV	45485	707953	10.01%	0.187%
173	8.868	8.861	8.885	VV	24418	287655	4.07%	0.076%
174	8.905	8.885	8.943	VV	32144	677897	9.58%	0.179%

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175	8.975	8.943	9.000	VV	14094	377588	5.34%	0.100%
176	9.012	9.000	9.023	VV	8165	10663		
177	9.044	9.023	9.048	VV	15562	17739		
178	9.061	9.048	9.068	VV	17148	18616		
179	9.093	9.068	9.114	VV	40268	75545		
180	9.144	9.114	9.162	VV	37672	757523	10.71%	0.200%
181	9.170	9.162	9.192	VV	20315	340243	4.81%	0.090%
182	9.219	9.192	9.245	VV	58989	1034602	14.63%	0.274%
183	9.271	9.245	9.286	VV	16568	363976	5.15%	0.096%
184	9.304	9.286	9.318	VV	17429	310789	4.39%	0.082%
185	9.337	9.318	9.357	VV	29307	507829	7.18%	0.134%
186	9.370	9.357	9.396	VV	33923	536586	7.59%	0.142%
187	9.412	9.396	9.421	VV	14465	207877	2.94%	0.055%
188	9.457	9.421	9.472	VV	21018	537358	7.60%	0.142%
189	9.510	9.472	9.537	VV	94924	1410782	19.95%	0.373%
190	9.551	9.537	9.579	VV	25515	473601	6.70%	0.125%
191	9.602	9.579	9.627	VV	17941	425431	6.02%	0.113%
192	9.667	9.627	9.685	VV	22077	512316	7.24%	0.136%
193	9.699	9.685	9.712	VV	15885	212386	3.00%	0.056%
194	9.720	9.712	9.731	VV	15296	156800	2.22%	0.041%
195	9.749	9.731	9.781	VV	21260	454023	6.42%	0.120%
196	9.804	9.781	9.831	VV	28742	577526	8.17%	0.153%
197	9.847	9.831	9.864	VV	17302	306735	4.34%	0.081%
198	9.890	9.864	9.947	VV	56532	1318282	18.64%	0.349%
199	9.970	9.947	10.002	VV	37843	826813	11.69%	0.219%
200	10.019	10.002	10.038	VV	22009	413337	5.84%	0.109%
201	10.046	10.038	10.058	VV	19946	216322	3.06%	0.057%
202	10.073	10.058	10.110	VV	28982	636170	8.99%	0.168%
203	10.131	10.110	10.148	VV	17139	328998	4.65%	0.087%
204	10.169	10.148	10.196	VV	69481	965678	13.65%	0.255%
205	10.214	10.196	10.232	VV	26015	440535	6.23%	0.117%
206	10.255	10.232	10.276	VV	26346	589639	8.34%	0.156%
207	10.299	10.276	10.353	VV	300712	3895891	55.08%	1.031%
208	10.377	10.353	10.390	VV	14789	299562	4.24%	0.079%
209	10.404	10.390	10.447	VV	16060	375598	5.31%	0.099%
210	10.478	10.447	10.528	VV	19244	555774	7.86%	0.147%
211	10.532	10.528	10.545	VV	9415	94707	1.34%	0.025%
212	10.548	10.545	10.561	VV	8770	78816	1.11%	0.021%
213	10.578	10.561	10.596	VV	14683	226826	3.21%	0.060%
214	10.645	10.596	10.665	VV	25818	624666	8.83%	0.165%
215	10.690	10.665	10.719	VV	69885	1162734	16.44%	0.308%
216	10.750	10.719	10.764	VV	26197	529832	7.49%	0.140%
217	10.779	10.764	10.805	VV	34180	541045	7.65%	0.143%
218	10.825	10.805	10.868	VV	31351	727050	10.28%	0.192%
219	10.896	10.868	10.932	VV	18225	518162	7.33%	0.137%
220	10.955	10.932	11.012	VV	37301	954287	13.49%	0.252%
221	11.043	11.012	11.084	VV	138002	2107950	29.80%	0.558%

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222	11.116	11.084	11.147	VV	109913	1915084	27.08%	0.507%
223	11.164	11.147	11.198	VV	18477	47095		
224	11.207	11.198	11.227	VV	12101	17994		
225	11.274	11.227	11.282	VV	13922	39011		
226	11.310	11.282	11.348	VV	225241	286131		
227	11.384	11.348	11.407	VV	76901	1228256	17.37%	0.325%
228	11.439	11.407	11.484	VV	27756	800917	11.32%	0.212%
229	11.502	11.484	11.519	VV	19579	310456	4.39%	0.082%
230	11.526	11.519	11.538	VV	12753	129756	1.83%	0.034%
231	11.557	11.538	11.574	VV	19829	320910	4.54%	0.085%
232	11.602	11.574	11.641	VV	27034	634013	8.96%	0.168%
233	11.669	11.641	11.685	VV	15122	327865	4.64%	0.087%
234	11.706	11.685	11.725	VV	16798	362127	5.12%	0.096%
235	11.754	11.725	11.778	VV	313739	3853826	54.49%	1.019%
236	11.785	11.778	11.816	VV	18015	376971	5.33%	0.100%
237	11.843	11.816	11.870	VV	73792	1217517	17.21%	0.322%
238	11.884	11.870	11.893	VV	11118	147118	2.08%	0.039%
239	11.909	11.893	11.931	VV	14626	257467	3.64%	0.068%
240	11.950	11.931	11.981	VV	13874	315447	4.46%	0.083%
241	12.014	11.981	12.028	VV	15128	356944	5.05%	0.094%
242	12.051	12.028	12.091	VV	18763	546415	7.73%	0.145%
243	12.118	12.091	12.133	VV	31713	486780	6.88%	0.129%
244	12.150	12.133	12.177	VV	48323	693811	9.81%	0.184%
245	12.191	12.177	12.201	VV	15510	191785	2.71%	0.051%
246	12.235	12.201	12.254	VV	42663	766858	10.84%	0.203%
247	12.268	12.254	12.283	VV	26935	343994	4.86%	0.091%
248	12.428	12.349	12.464	VV	124215	2194894	31.03%	0.581%
249	12.483	12.464	12.510	VV	23998	443719	6.27%	0.117%
250	12.522	12.510	12.526	VV	10911	103456	1.46%	0.027%
251	12.532	12.526	12.552	VV	11843	156656	2.21%	0.041%
252	12.556	12.552	12.572	VV	8639	95274	1.35%	0.025%
253	12.591	12.572	12.608	VV	18899	267953	3.79%	0.071%
254	12.624	12.608	12.639	VV	8626	128262	1.81%	0.034%
255	12.687	12.639	12.725	VV	116052	1830953	25.89%	0.484%
256	12.736	12.725	12.757	VV	13993	203278	2.87%	0.054%
257	12.772	12.757	12.786	VV	10911	152433	2.16%	0.040%
258	12.809	12.786	12.828	VV	14511	285016	4.03%	0.075%
259	12.844	12.828	12.880	VV	19346	363661	5.14%	0.096%
260	12.917	12.880	12.930	VV	14583	315653	4.46%	0.084%
261	12.934	12.930	12.954	VV	12700	125340	1.77%	0.033%
262	12.982	12.954	13.010	VV	22452	427415	6.04%	0.113%
263	13.028	13.010	13.045	VV	24777	360250	5.09%	0.095%
264	13.075	13.045	13.120	VV	292979	3720320	52.60%	0.984%
265	13.150	13.120	13.192	VV	364339	4400896	62.22%	1.164%
266	13.213	13.192	13.235	VV	7762	147276	2.08%	0.039%
267	13.241	13.235	13.247	VV	3400	21530	0.30%	0.006%
268	13.250	13.247	13.256	VV	3572	18121	0.26%	0.005%
269	13.283	13.256	13.294	VV	10731	157140	2.22%	0.042%

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270	13.301	13.294	13.312	VV	9650	93889	1.33%	0.025%
271	13.332	13.312	13.347	VV	18814	30518		
272	13.356	13.347	13.385	VV	13062	21972		
273	13.397	13.385	13.416	VV	8679	9883		
274	13.451	13.416	13.486	PV	289195	352155		
275	13.503	13.486	13.517	VV	22029	295721	4.18%	0.078%
276	13.534	13.517	13.555	VV	30422	403031	5.70%	0.107%
277	13.578	13.555	13.605	VV	9888	192848	2.73%	0.051%
278	13.625	13.605	13.639	VV	11658	152918	2.16%	0.040%
279	13.653	13.639	13.668	VV	11096	133432	1.89%	0.035%
280	13.690	13.668	13.711	VV	71442	906950	12.82%	0.240%
281	13.715	13.711	13.741	VV	17950	237358	3.36%	0.063%
282	13.757	13.741	13.774	VV	14979	241849	3.42%	0.064%
283	13.780	13.774	13.828	VV	14220	229746	3.25%	0.061%
284	13.848	13.828	13.863	PV	9825	119647	1.69%	0.032%
285	13.866	13.863	13.887	VV	6772	62671	0.89%	0.017%
286	13.922	13.887	13.950	VV	36035	601605	8.51%	0.159%
287	13.955	13.950	13.987	VV	6127	116210	1.64%	0.031%
288	14.040	13.987	14.066	VV	32840	611790	8.65%	0.162%
289	14.071	14.066	14.093	VV	6427	87575	1.24%	0.023%
290	14.117	14.093	14.131	VV	8554	150809	2.13%	0.040%
291	14.150	14.131	14.169	VV	17258	248632	3.52%	0.066%
292	14.191	14.169	14.213	VV	22838	332580	4.70%	0.088%
293	14.231	14.213	14.252	VV	9495	154664	2.19%	0.041%
294	14.283	14.252	14.308	VV	219526	2829089	40.00%	0.748%
295	14.321	14.308	14.344	VV	23493	325126	4.60%	0.086%
296	14.363	14.344	14.387	VV	20057	247915	3.51%	0.066%
297	14.394	14.387	14.398	VV	2499	13567	0.19%	0.004%
298	14.421	14.398	14.426	VV	4608	57433	0.81%	0.015%
299	14.436	14.426	14.460	VV	5233	56364	0.80%	0.015%
300	14.470	14.460	14.474	VV	1629	11270	0.16%	0.003%
301	14.507	14.474	14.544	VV	9592	234503	3.32%	0.062%
302	14.556	14.544	14.562	VV	3281	27391	0.39%	0.007%
303	14.580	14.562	14.594	VV	3989	55901	0.79%	0.015%
304	14.605	14.594	14.624	VV	3172	36987	0.52%	0.010%
305	14.647	14.624	14.661	PV	4544	62319	0.88%	0.016%
306	14.674	14.661	14.677	VV	5958	44900	0.63%	0.012%
307	14.682	14.677	14.690	VV	5605	36274	0.51%	0.010%
308	14.716	14.690	14.733	VV	6571	125144	1.77%	0.033%
309	14.784	14.733	14.827	VV	31853	705098	9.97%	0.187%
310	14.850	14.827	14.872	VV	33988	438384	6.20%	0.116%
311	14.964	14.933	15.007	VV	25090	519148	7.34%	0.137%
312	15.030	15.007	15.050	VV	35278	477857	6.76%	0.126%
313	15.073	15.050	15.078	VV	12728	146990	2.08%	0.039%
314	15.094	15.078	15.137	VV	26486	405062	5.73%	0.107%
315	15.156	15.137	15.164	VV	6763	83771	1.18%	0.022%
316	15.190	15.164	15.262	VV	76937	1250203	17.68%	0.331%

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317	15.298	15.262	15.317	PV	13198	203615	2.88%	0.054%
318	15.346	15.317	15.366	VV	141972	188065		
319	15.391	15.366	15.425	VV	266336	390075		
320	15.440	15.425	15.464	VV	9388	14175		
321	15.507	15.464	15.566	VV	25600	72408		
322	15.590	15.566	15.621	VV	13301	234610	3.32%	0.062%
323	15.652	15.621	15.679	VV	18474	341196	4.82%	0.090%
324	15.688	15.679	15.706	VV	12001	150277	2.12%	0.040%
325	15.716	15.706	15.721	VV	9356	75024	1.06%	0.020%
326	15.729	15.721	15.752	VV	9729	133048	1.88%	0.035%
327	15.781	15.752	15.817	VV	46968	841190	11.89%	0.223%
328	15.831	15.817	15.857	VV	10976	185722	2.63%	0.049%
329	15.864	15.857	15.880	VV	3730	42551	0.60%	0.011%
330	15.919	15.880	15.934	VV	17981	326767	4.62%	0.086%
331	15.938	15.934	15.962	VV	15157	160506	2.27%	0.042%
332	15.982	15.962	15.995	VV	7663	126501	1.79%	0.033%
333	16.023	15.995	16.045	VV	31165	449856	6.36%	0.119%
334	16.065	16.045	16.095	VV	18946	251835	3.56%	0.067%
335	16.099	16.095	16.103	VV	2285	7705	0.11%	0.002%
336	16.109	16.103	16.114	VV	2065	8186	0.12%	0.002%
337	16.261	16.214	16.282	VV	9835	204396	2.89%	0.054%
338	16.315	16.282	16.331	VV	4592	86797	1.23%	0.023%
339	16.354	16.331	16.369	VV	10931	140469	1.99%	0.037%
340	16.427	16.369	16.453	VV	159864	2326868	32.90%	0.616%
341	16.462	16.453	16.493	VV	15284	215086	3.04%	0.057%
342	16.498	16.493	16.515	VV	6716	54498	0.77%	0.014%
343	16.525	16.515	16.552	VV	5598	72693	1.03%	0.019%
344	16.556	16.552	16.566	PV	3149	23873	0.34%	0.006%
345	16.576	16.566	16.584	VV	3662	22586	0.32%	0.006%
346	16.624	16.584	16.632	VV	16029	229979	3.25%	0.061%
347	16.644	16.632	16.686	VV	15336	328886	4.65%	0.087%
348	16.705	16.686	16.721	VV	15152	237676	3.36%	0.063%
349	16.735	16.721	16.755	VV	18223	302726	4.28%	0.080%
350	16.771	16.755	16.781	VV	13229	179887	2.54%	0.048%
351	16.803	16.781	16.816	VV	16091	271056	3.83%	0.072%
352	16.832	16.816	16.853	VV	21966	371918	5.26%	0.098%
353	16.857	16.853	16.881	VV	12971	164929	2.33%	0.044%
354	16.924	16.881	16.943	VV	178982	2823974	39.93%	0.747%
355	16.950	16.943	16.986	VV	74786	868488	12.28%	0.230%
356	17.056	16.986	17.076	VV	42243	991315	14.02%	0.262%
357	17.084	17.076	17.098	VV	18915	221025	3.13%	0.058%
358	17.140	17.098	17.161	VV	19763	567822	8.03%	0.150%
359	17.180	17.161	17.187	VV	19845	221468	3.13%	0.059%
360	17.218	17.187	17.229	VV	47525	726859	10.28%	0.192%
361	17.250	17.229	17.280	VV	114775	1798666	25.43%	0.476%
362	17.309	17.280	17.344	VV	123660	1978252	27.97%	0.523%
363	17.386	17.344	17.405	VV	171904	2741283	38.76%	0.725%
364	17.411	17.405	17.440	VV	70934	927548	13.11%	0.245%

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365	17.459	17.440	17.480	VV	30456	543006	7.68%	0.144%
366	17.501	17.480	17.506	VV	24251	32998		
367	17.514	17.506	17.531	VV	26990	34787		
368	17.603	17.587	17.614	VV	32917	48855		
369	17.618	17.614	17.625	VV	31167	18706		
370	17.643	17.625	17.661	VV	38311	706883	9.99%	0.187%
371	17.673	17.661	17.680	VV	34339	368524	5.21%	0.097%
372	17.688	17.680	17.697	VV	33237	316176	4.47%	0.084%
373	17.719	17.697	17.740	VV	46662	986760	13.95%	0.261%
374	17.758	17.740	17.763	VV	33724	424353	6.00%	0.112%
375	17.818	17.792	17.860	VV	55432	1699509	24.03%	0.450%
376	17.863	17.860	17.866	VV	29151	102742	1.45%	0.027%
377	17.900	17.866	17.904	VV	35186	757704	10.71%	0.200%
378	17.911	17.904	17.915	VV	34251	214038	3.03%	0.057%
379	17.928	17.915	17.944	VV	40561	593635	8.39%	0.157%
380	17.968	17.944	18.001	VV	56969	1376167	19.46%	0.364%
381	18.025	18.001	18.048	VV	47309	1133941	16.03%	0.300%
382	18.063	18.048	18.082	VV	43305	748046	10.58%	0.198%
383	18.111	18.082	18.115	VV	41414	728407	10.30%	0.193%
384	18.123	18.115	18.145	VV	46191	722781	10.22%	0.191%
385	18.173	18.145	18.177	VV	45247	782407	11.06%	0.207%
386	18.189	18.177	18.193	VV	48981	446226	6.31%	0.118%
387	18.200	18.193	18.222	VV	53811	834995	11.81%	0.221%
388	18.230	18.222	18.234	VV	46161	317323	4.49%	0.084%
389	18.239	18.234	18.246	VV	48448	343838	4.86%	0.091%
390	18.282	18.246	18.324	VV	204147	4465011	63.13%	1.181%
391	18.345	18.324	18.361	VV	57082	1012385	14.31%	0.268%
392	18.372	18.361	18.379	VV	48723	480856	6.80%	0.127%
393	18.385	18.379	18.392	VV	50096	370769	5.24%	0.098%
394	18.443	18.392	18.458	VV	107650	2741626	38.76%	0.725%
395	18.462	18.458	18.474	VV	72152	649523	9.18%	0.172%
396	18.479	18.474	18.514	VV	70647	1365598	19.31%	0.361%
397	18.519	18.514	18.528	VV	51518	391915	5.54%	0.104%
398	18.536	18.528	18.542	VV	51015	375462	5.31%	0.099%
399	18.549	18.542	18.560	VV	53509	534969	7.56%	0.142%
400	18.608	18.560	18.628	VV	76899	2478753	35.05%	0.656%
401	18.640	18.628	18.667	VV	80393	1643912	23.24%	0.435%
402	18.672	18.667	18.677	VV	60859	369286	5.22%	0.098%
403	18.732	18.728	18.735	VV	61343	232881	3.29%	0.062%
404	18.744	18.735	18.753	VV	69636	707359	10.00%	0.187%
405	18.758	18.753	18.763	VV	62828	355017	5.02%	0.094%
406	18.780	18.763	18.793	VV	72650	1196413	16.92%	0.316%
407	18.816	18.793	18.854	VV	121046	3288100	46.49%	0.870%
408	18.858	18.854	18.864	VV	73620	420897	5.95%	0.111%
409	18.868	18.864	18.911	VV	72607	1836718	25.97%	0.486%
410	18.963	18.911	18.987	VV	166558	4256735	60.19%	1.126%
411	18.994	18.987	19.005	VV	68884	746487	10.55%	0.197%

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412	19.013	19.005	19.019	VV	68394	512676	7.25%	0.136%
413	19.028	19.019	19.035	VV	69935	65604		
414	19.041	19.035	19.044	VV	67331	32937		
415	19.048	19.044	19.055	VV	69674	44646		
416	19.123	19.055	19.157	VV	212938	658878		
417	19.162	19.157	19.174	VV	66833	648074	9.16%	0.171%
418	19.193	19.174	19.202	VV	73999	1121225	15.85%	0.297%
419	19.237	19.202	19.260	VV	105989	2961592	41.87%	0.783%
420	19.287	19.260	19.310	VV	112042	2735595	38.68%	0.724%
421	19.314	19.310	19.324	VV	87560	665691	9.41%	0.176%
422	19.331	19.324	19.340	VV	86465	773396	10.93%	0.205%
423	19.350	19.340	19.359	VV	81787	893216	12.63%	0.236%
424	19.383	19.359	19.387	VV	88156	1359781	19.23%	0.360%
425	19.401	19.387	19.407	VV	99325	1143150	16.16%	0.302%
426	19.421	19.407	19.447	VV	102650	2270218	32.10%	0.601%
427	19.485	19.447	19.497	VV	114462	3051301	43.14%	0.807%
428	19.502	19.497	19.509	VV	110417	740571	10.47%	0.196%
429	19.529	19.509	19.544	VV	112800	2225852	31.47%	0.589%
430	19.548	19.544	19.554	VV	105069	611422	8.64%	0.162%
431	19.567	19.554	19.609	VV	123284	3509542	49.62%	0.928%
432	19.643	19.609	19.649	VV	118882	2526871	35.73%	0.668%
433	19.694	19.690	19.704	VV	103414	794458	11.23%	0.210%
434	19.730	19.704	19.736	VV	106142	1939383	27.42%	0.513%
435	19.744	19.736	19.750	VV	106355	851910	12.04%	0.225%
436	19.756	19.750	19.759	VV	104426	519151	7.34%	0.137%
437	19.762	19.759	19.780	VV	105270	1332365	18.84%	0.352%
438	19.784	19.780	19.795	VV	110340	914646	12.93%	0.242%
439	19.811	19.795	19.820	VV	116694	1618579	22.88%	0.428%
440	19.832	19.820	19.845	VV	121451	1765045	24.96%	0.467%
441	19.955	19.940	19.983	VV	143110	3372985	47.69%	0.892%
442	19.990	19.983	19.995	VV	126712	895789	12.67%	0.237%
443	20.000	19.995	20.005	VV	124378	690136	9.76%	0.183%
444	20.017	20.005	20.021	VV	134763	1234069	17.45%	0.326%
445	20.076	20.070	20.081	VV	133047	801895	11.34%	0.212%
446	20.134	20.101	20.139	VV	168314	3480683	49.21%	0.921%
447	20.142	20.139	20.160	VV	165385	2055817	29.07%	0.544%
448	20.166	20.160	20.171	VV	156594	989428	13.99%	0.262%
449	20.263	20.243	20.270	VV	188842	2698772	38.16%	0.714%
450	20.283	20.270	20.321	VV	196736	5381489	76.09%	1.424%
451	20.325	20.321	20.330	VV	164423	895282	12.66%	0.237%
452	20.360	20.347	20.366	VV	170304	1939695	27.42%	0.513%
453	20.369	20.366	20.377	VV	154755	971011	13.73%	0.257%
454	20.382	20.377	20.387	VV	163915	924017	13.06%	0.244%
455	20.392	20.387	20.404	VV	156154	1541194	21.79%	0.408%
456	20.408	20.404	20.427	VV	166297	2224646	31.45%	0.589%
457	20.440	20.427	20.445	VV	166470	1771731	25.05%	0.469%
458	20.460	20.445	20.475	VV	184029	3158590	44.66%	0.836%
459	20.556	20.548	20.560	VV	193924	1343384	18.99%	0.355%

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460	20.588	20.560	20.599	VV	214778	4691104	66.33%	1.241%
461	20.602	20.599	20.607	VV	207785	101726		
462	20.614	20.607	20.625	VV	201961	216583		
463	20.632	20.625	20.641	VV	202475	184806		
464	20.661	20.641	20.691	VV	295963	707274		
465	20.695	20.691	20.729	VV	192481	4269475	60.37%	1.129%
466	20.743	20.729	20.762	VV	207092	3900026	55.14%	1.032%
467	20.765	20.762	20.778	VV	192866	1785317	25.24%	0.472%
468	20.784	20.778	20.790	VV	185785	1339063	18.93%	0.354%
469	20.819	20.790	20.839	VV	193573	5394441	76.27%	1.427%
470	20.880	20.865	20.885	VV	196778	2246919	31.77%	0.594%
471	20.912	20.907	20.916	VV	187816	985983	13.94%	0.261%
472	20.983	20.975	20.994	VV	173613	1898864	26.85%	0.502%
473	21.031	20.994	21.035	VV	178119	4030246	56.98%	1.066%
474	21.040	21.035	21.047	VV	170713	1138909	16.10%	0.301%
475	21.052	21.047	21.056	VV	160925	836127	11.82%	0.221%
476	21.059	21.056	21.072	VV	159754	1462162	20.67%	0.387%
477	21.079	21.072	21.094	VV	154243	1965273	27.79%	0.520%
478	21.106	21.094	21.110	VV	156908	1453069	20.54%	0.384%
479	21.115	21.110	21.121	VV	157107	945379	13.37%	0.250%
480	21.140	21.121	21.152	VV	166866	2915090	41.22%	0.771%
481	21.157	21.152	21.170	VV	163914	1663208	23.52%	0.440%
482	21.176	21.170	21.182	VV	160175	1145805	16.20%	0.303%
483	21.196	21.194	21.232	VV	166256	3573387	50.52%	0.945%
484	21.235	21.232	21.260	VV	151438	2382478	33.69%	0.630%
485	21.266	21.260	21.271	VV	151145	923269	13.05%	0.244%
486	21.275	21.271	21.282	VV	157797	1009807	14.28%	0.267%
487	21.290	21.282	21.295	VV	150305	1188201	16.80%	0.314%
488	21.301	21.295	21.317	VV	149634	1875662	26.52%	0.496%
489	21.323	21.317	21.334	VV	151130	1499293	21.20%	0.397%
490	21.340	21.334	21.365	VV	155894	2575808	36.42%	0.681%
491	21.370	21.365	21.375	VV	134584	774472	10.95%	0.205%
492	21.378	21.375	21.390	VV	134376	1135437	16.05%	0.300%
493	21.403	21.390	21.421	VV	129047	2143483	30.31%	0.567%
494	21.459	21.421	21.489	VV	188636	5962556	84.30%	1.577%
495	21.495	21.489	21.519	VV	116510	1955224	27.64%	0.517%
496	21.579	21.567	21.590	VV	111367	1463575	20.69%	0.387%
497	21.597	21.590	21.611	VV	115047	1327300	18.77%	0.351%
498	21.615	21.611	21.630	VV	111573	1244535	17.60%	0.329%
499	21.652	21.630	21.658	VV	112358	1743973	24.66%	0.461%
500	21.667	21.658	21.700	VV	108623	2424347	34.28%	0.641%
501	21.721	21.700	21.749	VV	100410	2656664	37.56%	0.703%
502	21.751	21.749	21.757	VV	91417	443009	6.26%	0.117%
503	21.762	21.757	21.767	VV	85989	483773	6.84%	0.128%
504	21.771	21.767	21.802	VV	94203	1690981	23.91%	0.447%
505	21.812	21.802	21.829	VV	83016	1214029	17.16%	0.321%
506	21.834	21.829	21.839	VV	76706	466973	6.60%	0.124%

Instrument :

FID_G

ClientSampleId :

AU-05-082925MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/05/2025

Supervised By :mohammad ahmed 09/08/2025

					rt	Area	%Area	%Corrected
507	21.850	21.839	21.882	VV	77379	1795016	25.38%	0.475%
508	21.887	21.882	21.891	VV	65339	31711		
509	21.894	21.891	21.898	VV	66140	30174		
510	21.914	21.898	21.955	VV	78244	237806		
511	21.960	21.955	21.967	VV	63745	39845		
512	21.981	21.967	21.991	VV	56578	743290	10.51%	0.197%
513	21.995	21.991	22.007	VV	51877	466834	6.60%	0.123%
514	22.074	22.052	22.095	VV	56821	1292107	18.27%	0.342%
515	22.102	22.095	22.109	VV	51405	381820	5.40%	0.101%
516	22.111	22.109	22.125	VV	48272	439694	6.22%	0.116%
517	22.139	22.125	22.144	VV	47144	511421	7.23%	0.135%
518	22.156	22.144	22.176	VV	48076	792381	11.20%	0.210%
519	22.181	22.176	22.217	VV	40477	844624	11.94%	0.223%
520	22.222	22.217	22.257	VV	37657	696231	9.84%	0.184%
521	22.261	22.257	22.293	VV	25957	510155	7.21%	0.135%
522	22.305	22.293	22.323	VV	24643	283749	4.01%	0.075%
523	22.333	22.323	22.354	VV	15081	211050	2.98%	0.056%
524	22.361	22.354	22.376	VV	12544	119603	1.69%	0.032%
525	22.382	22.376	22.396	VV	11612	76085	1.08%	0.020%
526	22.401	22.396	22.415	PV	5717	45185	0.64%	0.012%
527	22.422	22.415	22.443	VV	6572	45903	0.65%	0.012%
528	22.475	22.443	22.500	PBA	49314	1076282	15.22%	0.285%
Sum of corrected areas:						378015516		

Instrument :
FID_G
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AU-05-082925MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/05/2025
Supervised By :mohammad ahmed 09/08/2025

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