

rteres

Instrument :

FID_F

ClientSampleId :

HW0425-PT-DIES-SOIL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/14/2025

Supervised By :mohammad ahmed 05/15/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF05132
Data File : FF015846.D
Signal(s) : FID2B.ch
Acq On : 13 May 2025 22:44
Sample : Q1872-14 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.374	4.365	4.394	PV	697	5768	0.49%	0.011%
2	4.403	4.394	4.426	PV	446	2653	0.23%	0.005%
3	4.457	4.426	4.477	PV	2629	36547	3.13%	0.071%
4	4.507	4.477	4.532	VV	2490	51623	4.42%	0.101%
5	4.565	4.532	4.603	VV	29864	377267	32.32%	0.738%
6	4.618	4.603	4.680	VV	4117	106040	9.09%	0.207%
7	4.693	4.680	4.720	VV	1307	20604	1.77%	0.040%
8	4.749	4.720	4.761	VV	2673	47377	4.06%	0.093%
9	4.775	4.761	4.806	VV	3666	73740	6.32%	0.144%
10	4.815	4.806	4.828	VV	2043	21883	1.87%	0.043%
11	4.848	4.828	4.863	VV	11192	127063	10.89%	0.249%
12	4.873	4.863	4.892	VV	6559	77046	6.60%	0.151%
13	4.907	4.892	4.918	VV	4122	53190	4.56%	0.104%
14	4.929	4.918	4.953	VV	4474	60955	5.22%	0.119%
15	4.978	4.953	4.990	VV	3327	53832	4.61%	0.105%
16	5.007	4.990	5.017	VV	5676	72277	6.19%	0.141%
17	5.024	5.017	5.048	VV	4992	69145	5.92%	0.135%
18	5.075	5.048	5.118	VV	12343	215717	18.48%	0.422%
19	5.141	5.118	5.156	VV	2215	42992	3.68%	0.084%
20	5.178	5.156	5.222	VV	3390	77607	6.65%	0.152%
21	5.242	5.222	5.259	VV	6031	77422	6.63%	0.151%
22	5.277	5.259	5.298	VV	7023	106364	9.11%	0.208%
23	5.317	5.298	5.356	VV	8613	185090	15.86%	0.362%
24	5.384	5.356	5.419	VV	8565	169002	14.48%	0.331%
25	5.435	5.419	5.462	VV	1784	35541	3.05%	0.070%
26	5.484	5.462	5.496	VV	4539	60666	5.20%	0.119%
27	5.506	5.496	5.524	VV	3739	52992	4.54%	0.104%
28	5.546	5.524	5.560	VV	5353	82356	7.06%	0.161%
29	5.579	5.560	5.598	VV	5675	102136	8.75%	0.200%
30	5.602	5.598	5.624	VV	4412	58901	5.05%	0.115%
31	5.640	5.624	5.657	VV	3227	54476	4.67%	0.107%
32	5.669	5.657	5.682	VV	3055	37236	3.19%	0.073%
33	5.704	5.682	5.733	VV	49018	693643	59.43%	1.357%
34	5.743	5.733	5.786	VV	7019	132627	11.36%	0.259%
35	5.796	5.786	5.810	VV	2329	29023	2.49%	0.057%
36	5.827	5.810	5.844	VV	2381	41355	3.54%	0.081%

37	5.853	5.844	5.863	VV	2203	23029	1.97%	0.045%
38	5.883	5.863	5.934	VV	11194	224579	19.59%	0.447%
39	5.943	5.934	5.952	VV	3352	35589	3.68%	0.084%
40	5.967	5.952	5.985	VV	6861	87301	6.56%	0.150%
41	6.008	5.985	6.047	VV	14233	283883	24.59%	0.447%
42	6.066	6.047	6.085	VV	7654	115134	9.59%	0.277%
43	6.105	6.085	6.149	VV	9650	228626	19.59%	0.447%
44	6.160	6.149	6.169	VV	3981	42918	3.68%	0.084%
45	6.184	6.169	6.197	VV	5481	76571	6.56%	0.150%
46	6.208	6.197	6.220	VV	5189	63841	5.47%	0.125%
47	6.234	6.220	6.251	VV	5517	85699	7.34%	0.168%
48	6.286	6.251	6.309	VV	7936	209098	17.91%	0.409%
49	6.331	6.309	6.357	VV	10274	180561	15.47%	0.353%
50	6.379	6.357	6.405	VV	9951	163095	13.97%	0.319%
51	6.441	6.405	6.491	VV	12758	373722	32.02%	0.731%
52	6.513	6.491	6.540	VV	7121	165490	14.18%	0.324%
53	6.555	6.540	6.588	VV	9086	185618	15.90%	0.363%
54	6.604	6.588	6.632	VV	6548	141666	12.14%	0.277%
55	6.656	6.632	6.662	VV	6804	103943	8.91%	0.203%
56	6.675	6.662	6.712	VV	9171	216417	18.54%	0.423%
57	6.732	6.712	6.780	VV	49289	703596	60.28%	1.376%
58	6.787	6.780	6.806	VV	4403	58828	5.04%	0.115%
59	6.829	6.806	6.843	VV	4984	88721	7.60%	0.174%
60	6.859	6.843	6.865	VV	5568	62156	5.33%	0.122%
61	6.885	6.865	6.913	VV	20996	329381	28.22%	0.644%
62	6.920	6.913	6.936	VV	6562	80534	6.90%	0.158%
63	6.955	6.936	6.980	VV	6567	141448	12.12%	0.277%
64	6.996	6.980	7.011	VV	6897	105406	9.03%	0.206%
65	7.027	7.011	7.044	VV	7743	127275	10.90%	0.249%
66	7.062	7.044	7.086	VV	9280	165828	14.21%	0.324%
67	7.099	7.086	7.113	VV	6314	83510	7.15%	0.163%
68	7.148	7.113	7.175	VV	18470	351194	30.09%	0.687%
69	7.187	7.175	7.219	VV	7596	167243	14.33%	0.327%
70	7.247	7.219	7.252	VV	9675	151885	13.01%	0.297%
71	7.265	7.252	7.288	VV	11240	189119	16.20%	0.370%
72	7.307	7.288	7.332	VV	11401	224379	19.22%	0.439%
73	7.351	7.332	7.369	VV	11359	195660	16.76%	0.383%
74	7.384	7.369	7.398	VV	12984	186016	15.94%	0.364%
75	7.407	7.398	7.431	VV	10826	162039	13.88%	0.317%
76	7.451	7.431	7.490	VV	17707	347071	29.74%	0.679%
77	7.502	7.490	7.514	VV	6368	86179	7.38%	0.169%
78	7.527	7.514	7.537	VV	7115	89734	7.69%	0.176%
79	7.552	7.537	7.571	VV	8831	142243	12.19%	0.278%
80	7.593	7.571	7.610	VV	6181	136477	11.69%	0.267%
81	7.624	7.610	7.647	VV	7240	143295	12.28%	0.280%
82	7.677	7.647	7.709	VV	62597	979171	83.89%	1.915%
83	7.724	7.709	7.752	VV	10727	220751	18.91%	0.432%
84	7.770	7.752	7.791	VV	8574	172990	14.82%	0.338%
85	7.797	7.791	7.825	VV	7108	122422	10.49%	0.239%
86	7.857	7.825	7.874	VV	15328	304345	26.08%	0.595%
87	7.883	7.874	7.907	VV	10332	166385	14.26%	0.325%
88	7.913	7.907	7.934	VV	6438	97973	8.39%	0.192%
89	7.937	7.934	7.945	VV	5760	36536	3.13%	0.071%

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Sl. No	Area	Area	Area	Area	Area	Area	Area	
90	7.962	7.945	7.978	VV	6655	121368	10.40%	
91	8.018	7.978	8.036	VV	10348	277570	23.37%	
92	8.054	8.036	8.075	VV	9594	176885	15.00%	
93	8.080	8.075	8.091	VV	5918	55649	4.74%	
94	8.110	8.091	8.121	VV	8958	136359	11.53%	
95	8.138	8.121	8.151	VV	10935	171723	14.55%	
Manual IntegrationsAPPROVED								
96	8.163	8.151	8.181	VV	10713	160865	13.78%	
97	8.205	8.181	8.229	VV	11643	245644	21.05%	
98	8.252	8.229	8.277	VV	13740	263137	22.54%	
99	8.300	8.277	8.356	VV	16490	503703	43.16%	
100	8.376	8.356	8.400	VV	20001	313712	26.88%	
101	8.424	8.400	8.447	VV	7899	196972	16.88%	
102	8.473	8.447	8.493	VV	11504	241645	20.70%	
103	8.558	8.493	8.593	VV	61279	1167180	100.00%	
104	8.605	8.593	8.631	VV	13511	238817	20.46%	
105	8.652	8.631	8.664	VV	9713	177280	15.19%	
106	8.679	8.664	8.692	VV	10147	156053	13.37%	
107	8.704	8.692	8.719	VV	10453	160835	13.78%	
108	8.732	8.719	8.741	VV	11401	141497	12.12%	
109	8.753	8.741	8.768	VV	12473	180574	15.47%	
110	8.790	8.768	8.826	VV	14707	375121	32.14%	
111	8.852	8.826	8.875	VV	8337	227941	19.53%	
112	8.887	8.875	8.902	VV	7428	113546	9.73%	
113	8.919	8.902	8.928	VV	11212	152459	13.06%	
114	8.937	8.928	8.954	VV	11106	160257	13.73%	
115	8.968	8.954	8.974	VV	10742	122893	10.53%	
116	8.983	8.974	8.995	VV	10851	129647	11.11%	
117	9.011	8.995	9.033	VV	13849	256935	22.01%	
118	9.052	9.033	9.069	VV	13901	242095	20.74%	
119	9.096	9.069	9.122	VV	28581	506909	43.43%	
120	9.152	9.122	9.168	VV	12889	281248	24.10%	
121	9.174	9.168	9.200	VV	9972	169114	14.49%	
122	9.218	9.200	9.226	VV	9420	138568	11.87%	
123	9.242	9.226	9.278	VV	11022	305233	26.15%	
124	9.291	9.278	9.301	VV	8780	117438	10.06%	
125	9.328	9.301	9.349	VV	11935	300950	25.78%	
126	9.385	9.349	9.438	VV	62943	1139571	97.63%	
127	9.442	9.438	9.453	VV	10462	94192	8.07%	
128	9.468	9.453	9.493	VV	12044	253468	21.72%	
129	9.528	9.493	9.552	VV	10055	325233	27.86%	
130	9.589	9.552	9.605	VV	10355	286842	24.58%	
131	9.622	9.605	9.660	VV	12410	335823	28.77%	
132	9.684	9.660	9.704	VV	10501	256859	22.01%	
133	9.726	9.704	9.739	VV	10066	199744	17.11%	
134	9.762	9.739	9.793	VV	18465	448032	38.39%	
135	9.806	9.793	9.819	VV	11050	161274	13.82%	
136	9.843	9.819	9.869	VV	13966	353770	30.31%	
137	9.892	9.869	9.910	VV	15494	301685	25.85%	
138	9.921	9.910	9.933	VV	12252	157427	13.49%	
139	9.946	9.933	9.974	VV	13061	269058	23.05%	
140	10.003	9.974	10.018	VV	10106	249040	21.34%	
141	10.026	10.018	10.048	VV	9725	164944	14.13%	

Manual IntegrationsAPPROVED

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					rters			
142	10.088	10.048	10.101	VV	11120	317848	27.23%	0.622%
143	10.124	10.101	10.145	VV	15807	348958	29.80%	0.622%
144	10.166	10.145	10.213	VV	69705	1088427	93.80%	0.622%
145	10.227	10.213	10.237	VV	11220	156984	13.10%	0.622%
146	10.242	10.237	10.257	VV	10973	124569	10.60%	0.622%
147	10.267	10.257	10.311	VV	10906	304782	26.40%	0.622%
148	10.347	10.311	10.388	VV	9988	424586	36.38%	0.831%
149	10.400	10.388	10.423	VV	9403	196029	16.80%	0.383%
150	10.443	10.423	10.466	VV	10214	237546	20.35%	0.465%
151	10.483	10.466	10.493	VV	9043	140588	12.05%	0.275%
152	10.514	10.493	10.526	VV	12833	225611	19.33%	0.441%
153	10.554	10.526	10.586	VV	32930	688805	59.01%	1.347%
154	10.604	10.586	10.623	VV	12667	251426	21.54%	0.492%
155	10.644	10.623	10.676	VV	14701	365671	31.33%	0.715%
156	10.701	10.676	10.736	VV	15748	401379	34.39%	0.785%
157	10.746	10.736	10.753	VV	9190	90664	7.77%	0.177%
158	10.755	10.753	10.770	VV	9126	91695	7.86%	0.179%
159	10.820	10.770	10.862	VV	11744	546055	46.78%	1.068%
160	10.905	10.862	10.944	VV	63181	1130769	96.88%	2.212%
161	10.976	10.944	11.005	VV	32422	693762	59.44%	1.357%
162	11.015	11.005	11.060	VV	10904	328026	28.10%	0.642%
163	11.076	11.060	11.093	VV	9028	173071	14.83%	0.339%
164	11.113	11.093	11.121	VV	9290	154945	13.28%	0.303%
165	11.125	11.121	11.131	VV	9202	54905	4.70%	0.107%
166	11.161	11.131	11.182	VV	10659	295921	25.35%	0.579%
167	11.184	11.182	11.197	VV	9307	82093	7.03%	0.161%
168	11.230	11.197	11.265	VV	12385	452776	38.79%	0.886%
169	11.297	11.265	11.340	VV	15768	534090	45.76%	1.045%
170	11.360	11.340	11.382	VV	12214	255127	21.86%	0.499%
171	11.414	11.382	11.453	VV	11332	392141	33.60%	0.767%
172	11.468	11.453	11.490	VV	8446	185554	15.90%	0.363%
173	11.501	11.490	11.512	VV	8233	105522	9.04%	0.206%
174	11.542	11.512	11.564	VV	9905	282941	24.24%	0.553%
175	11.568	11.564	11.580	VV	8921	85507	7.33%	0.167%
176	11.608	11.580	11.666	VV	54086	1011719	86.68%	1.979%
177	11.697	11.666	11.727	VV	23989	524286	44.92%	1.026%
178	11.735	11.727	11.752	VV	8540	123022	10.54%	0.241%
179	11.768	11.752	11.789	VV	8345	177667	15.22%	0.348%
180	11.806	11.789	11.832	VV	7938	190923	16.36%	0.373%
181	11.904	11.832	11.950	VV	11113	634739	54.38%	1.242%
182	11.967	11.950	11.986	VV	8760	175557	15.04%	0.343%
183	12.006	11.986	12.026	VV	11356	228564	19.58%	0.447%
184	12.042	12.026	12.075	VV	10706	257787	22.09%	0.504%
185	12.096	12.075	12.144	VV	10289	340892	29.21%	0.667%
186	12.163	12.144	12.193	VV	7208	203085	17.40%	0.397%
187	12.204	12.193	12.221	VV	6986	112629	9.65%	0.220%
188	12.279	12.221	12.314	VV	40310	868326	74.40%	1.699%
189	12.340	12.314	12.373	VV	15395	373364	31.99%	0.730%
190	12.381	12.373	12.457	VV	7992	339790	29.11%	0.665%
191	12.479	12.457	12.492	VV	6404	128473	11.01%	0.251%
192	12.498	12.492	12.519	VV	6132	98118	8.41%	0.192%
193	12.543	12.519	12.601	VV	15600	477996	40.95%	0.935%
194	12.615	12.601	12.634	VV	7739	141388	12.11%	0.277%

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Sl. No	Area	Area	Area	Area	Area	Area	Area	Area
195	12.661	12.634	12.674	VV	7469	167343	14.34%	0.327%
Manual IntegrationsAPPROVED								
196	12.691	12.674	12.727	VV	8756	218605	18.63%	0.352%
197	12.745	12.727	12.767	VV	6810	141503	12.07%	0.231%
198	12.782	12.767	12.817	VV	5493	153826	13.01%	0.231%
199	12.842	12.817	12.850	VV	5846	109875	9.88%	0.289%
200	12.859	12.850	12.882	VV	5910	101901	8.98%	0.334%
201	12.884	12.882	12.890	VV	4858	24158	2.07%	0.047%
202	12.918	12.890	12.963	VV	32375	554871	47.54%	1.085%
203	12.986	12.963	12.998	VV	5803	118078	10.12%	0.231%
204	13.008	12.998	13.048	VV	5576	147836	12.67%	0.289%
205	13.065	13.048	13.118	VV	4846	170803	14.63%	0.334%
206	13.141	13.118	13.152	VV	3760	72132	6.18%	0.141%
207	13.176	13.152	13.227	VV	4725	185878	15.93%	0.364%
208	13.243	13.227	13.263	VV	3946	77335	6.63%	0.151%
209	13.281	13.263	13.294	VV	4055	67230	5.76%	0.132%
210	13.358	13.294	13.390	VV	43685	816251	69.93%	1.597%
211	13.413	13.390	13.501	VV	38699	765945	65.62%	1.498%
212	13.531	13.501	13.560	VV	19705	313873	26.89%	0.614%
213	13.593	13.560	13.623	VV	7722	186791	16.00%	0.365%
214	13.627	13.623	13.688	VV	3654	120288	10.31%	0.235%
215	13.702	13.688	13.735	VV	2927	71806	6.15%	0.140%
216	13.777	13.735	13.829	VV	7602	245514	21.03%	0.480%
217	13.837	13.829	13.865	VV	2942	57158	4.90%	0.112%
218	13.881	13.865	13.895	VV	2522	42108	3.61%	0.082%
219	13.911	13.895	13.933	VV	2842	57398	4.92%	0.112%
220	13.955	13.933	13.997	VV	3104	91534	7.84%	0.179%
221	14.026	13.997	14.054	VV	2093	61926	5.31%	0.121%
222	14.070	14.054	14.086	VV	1648	29279	2.51%	0.057%
223	14.118	14.086	14.153	VV	11550	183326	15.71%	0.359%
224	14.176	14.153	14.191	VV	1646	34475	2.95%	0.067%
225	14.204	14.191	14.226	VV	1520	28607	2.45%	0.056%
226	14.249	14.226	14.299	VV	1632	54610	4.68%	0.107%
227	14.303	14.299	14.310	VV	1026	6536	0.56%	0.013%
228	14.347	14.310	14.386	VV	1859	62836	5.38%	0.123%
229	14.389	14.386	14.403	VV	1150	11418	0.98%	0.022%
230	14.409	14.403	14.435	VV	1092	18796	1.61%	0.037%
231	14.448	14.435	14.468	VV	947	17234	1.48%	0.034%
232	14.485	14.468	14.498	VV	1182	20070	1.72%	0.039%
233	14.530	14.498	14.567	VV	1694	53568	4.59%	0.105%
234	14.583	14.567	14.610	VV	1194	26101	2.24%	0.051%
235	14.615	14.610	14.621	VV	841	4819	0.41%	0.009%
236	14.630	14.621	14.653	VV	901	14385	1.23%	0.028%
237	14.682	14.653	14.723	VV	5736	90384	7.74%	0.177%
238	14.748	14.723	14.768	VV	1313	24380	2.09%	0.048%
239	14.774	14.768	14.778	VV	715	4109	0.35%	0.008%
240	14.801	14.778	14.825	VV	974	22829	1.96%	0.045%
241	14.834	14.825	14.867	VV	770	14848	1.27%	0.029%
242	14.885	14.867	14.903	VV	668	11157	0.96%	0.022%
243	14.911	14.903	14.915	VV	524	3465	0.30%	0.007%
244	14.930	14.915	14.947	VV	692	11383	0.98%	0.022%
245	14.959	14.947	14.962	VV	634	5147	0.44%	0.010%
246	14.968	14.962	14.988	VV	660	8189	0.70%	0.016%

							Instrument : FID_F	
							ClientSampleId : HW0425-PT-DIES-SOIL	
rteres							14.85%	0.339%
247	15.019	14.988	15.057	VV	11421	173377	14.85%	0.339%
248	15.073	15.057	15.103	VV	829	16105		
249	15.112	15.103	15.132	VV	439	5874		
250	15.136	15.132	15.150	VV	276	2758		
							Manual Integration	
251	15.172	15.150	15.194	VV	427	8944		
252	15.223	15.194	15.259	VV	3185	48676		
253	15.284	15.259	15.347	VV	459	13871	1.19%	0.027%
254	15.365	15.347	15.375	VV	217	2557	0.22%	0.005%
255	15.385	15.375	15.389	VV	153	1020	0.09%	0.002%
256	15.416	15.389	15.450	VV	329	6731	0.58%	0.013%
257	15.474	15.450	15.522	VV	384	8243	0.71%	0.016%
258	15.542	15.522	15.547	PV	190	2215	0.19%	0.004%
259	15.552	15.547	15.574	VV	255	2878	0.25%	0.006%
260	15.578	15.574	15.583	VV	179	595	0.05%	0.001%
261	15.612	15.583	15.682	VV	3553	79567	6.82%	0.156%
262	15.688	15.682	15.712	VV	401	6027	0.52%	0.012%
263	15.745	15.712	15.791	VV	1766	36773	3.15%	0.072%
264	15.811	15.791	15.836	VV	924	15853	1.36%	0.031%
265	15.840	15.836	15.848	VV	279	1607	0.14%	0.003%
266	15.851	15.848	15.858	VV	229	962	0.08%	0.002%
267	15.866	15.858	15.877	VV	174	1246	0.11%	0.002%
268	15.886	15.877	15.896	VV	184	1099	0.09%	0.002%
269	15.901	15.896	15.908	PV	130	472	0.04%	0.001%
270	15.911	15.908	15.944	VV	45	1366	0.12%	0.003%
271	15.986	15.944	16.023	PV	241	7312	0.63%	0.014%
272	16.069	16.023	16.105	VV	255	8131	0.70%	0.016%
273	16.128	16.105	16.148	VV	211	3212	0.28%	0.006%
274	16.179	16.148	16.187	VV	191	3175	0.27%	0.006%
275	16.203	16.187	16.222	VV	181	3240	0.28%	0.006%
276	16.245	16.222	16.297	VV	1309	19588	1.68%	0.038%
277	16.314	16.297	16.355	VV	255	4286	0.37%	0.008%
278	16.382	16.355	16.409	PV	357	5800	0.50%	0.011%
279	16.425	16.409	16.489	VV	167	5423	0.46%	0.011%
280	16.492	16.489	16.507	VV	102	506	0.04%	0.001%
281	16.553	16.507	16.577	PV	260	5695	0.49%	0.011%
282	16.626	16.577	16.672	VV	699	17218	1.48%	0.034%
283	16.728	16.672	16.756	VV	1802	31938	2.74%	0.062%
284	16.820	16.756	16.865	VV	902	30031	2.57%	0.059%
285	16.936	16.865	16.999	VV	443	29047	2.49%	0.057%
286	17.085	16.999	17.126	VV	651	30048	2.57%	0.059%
287	17.195	17.126	17.223	VV	2768	54946	4.71%	0.107%
288	17.246	17.223	17.262	VV	1740	27221	2.33%	0.053%
289	17.278	17.262	17.317	VV	2433	39866	3.42%	0.078%
290	17.327	17.317	17.351	VV	268	4112	0.35%	0.008%
291	17.361	17.351	17.430	VV	247	6117	0.52%	0.012%
292	17.442	17.430	17.467	VV	118	1363	0.12%	0.003%
Sum of corrected areas:							51121618	