

rteres

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE10152

Data File : FE050680.D

Signal(s) : FID1B.ch

Acq On : 15 Oct 2024 20:00

Sample : P4403-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.247	3.205	3.337	BV	183	4209	0.08%	0.011%
2	3.369	3.337	3.421	PV	1016	15340	0.31%	0.039%
3	3.442	3.421	3.509	VV	290	6837	0.14%	0.018%
4	3.520	3.509	3.548	VV	193	2462	0.05%	0.006%
5	3.562	3.548	3.612	VV	184	5240	0.11%	0.013%
6	3.642	3.612	3.671	PV	172	4319	0.09%	0.011%
7	3.688	3.671	3.714	VV	240	4135	0.08%	0.011%
8	3.735	3.714	3.795	VV	1851	28741	0.58%	0.074%
9	3.803	3.795	3.827	VV	113	1936	0.04%	0.005%
10	3.857	3.827	3.911	VV	965	18914	0.38%	0.048%
11	3.931	3.911	4.036	VV	382	8685	0.17%	0.022%
12	4.052	4.036	4.061	PV	61	557	0.01%	0.001%
13	4.069	4.061	4.103	VV	78	1139	0.02%	0.003%
14	4.116	4.103	4.121	VV	63	374	0.01%	0.001%
15	4.133	4.121	4.205	VV	124	3393	0.07%	0.009%
16	4.211	4.205	4.231	VV	107	1039	0.02%	0.003%
17	4.264	4.231	4.278	VV	126	2339	0.05%	0.006%
18	4.292	4.278	4.305	VV	158	2084	0.04%	0.005%
19	4.316	4.305	4.341	VV	156	2818	0.06%	0.007%
20	4.361	4.341	4.451	VV	1612	26165	0.52%	0.067%
21	4.454	4.451	4.485	VV	142	1813	0.04%	0.005%
22	4.502	4.485	4.581	VV	186	5617	0.11%	0.014%
23	4.619	4.581	4.651	PV	180	3782	0.08%	0.010%
24	4.673	4.651	4.748	VV	230	5421	0.11%	0.014%
25	4.753	4.748	4.776	VV	93	1085	0.02%	0.003%
26	4.786	4.776	4.801	VV	53	772	0.02%	0.002%
27	4.808	4.801	4.841	VV	98	1879	0.04%	0.005%
28	4.884	4.841	4.952	VV	210	8707	0.17%	0.022%
29	4.960	4.952	4.972	VV	161	1502	0.03%	0.004%
30	4.983	4.972	4.995	VV	125	1435	0.03%	0.004%
31	5.007	4.995	5.060	VV	179	3815	0.08%	0.010%
32	5.084	5.060	5.124	VV	153	3870	0.08%	0.010%
33	5.134	5.124	5.151	VV	79	1007	0.02%	0.003%
34	5.157	5.151	5.178	VV	141	1213	0.02%	0.003%
35	5.186	5.178	5.205	VV	136	1037	0.02%	0.003%
36	5.211	5.205	5.219	VV	95	400	0.01%	0.001%

					retention			
37	5.236	5.219	5.293	PV	156	3093	0.06%	0.008%
38	5.305	5.293	5.331	VV	89	1210		
39	5.338	5.331	5.388	VV	58	1583		
40	5.401	5.388	5.430	VV	94	1267		
41	5.475	5.430	5.578	PV	255	9158		
42	5.582	5.578	5.654	VV	136	3652		
43	5.665	5.654	5.711	VV	123	2030	0.04%	0.005%
44	5.753	5.711	5.771	VV	268	5979	0.12%	0.015%
45	5.788	5.771	5.821	VV	247	6321	0.13%	0.016%
46	5.830	5.821	5.908	VV	196	8778	0.18%	0.022%
47	5.914	5.908	5.972	VV	158	4361	0.09%	0.011%
48	6.003	5.972	6.078	VV	191	6542	0.13%	0.017%
49	6.091	6.078	6.105	VV	93	1060	0.02%	0.003%
50	6.111	6.105	6.138	VV	89	1073	0.02%	0.003%
51	6.140	6.138	6.178	VV	85	970	0.02%	0.002%
52	6.186	6.178	6.193	VV	71	287	0.01%	0.001%
53	6.206	6.193	6.218	PV	98	1088	0.02%	0.003%
54	6.242	6.218	6.294	VV	268	7705	0.15%	0.020%
55	6.303	6.294	6.332	VV	199	3436	0.07%	0.009%
56	6.379	6.332	6.448	VV	536	10973	0.22%	0.028%
57	6.455	6.448	6.508	VV	106	3112	0.06%	0.008%
58	6.555	6.508	6.612	VV	2656	39866	0.80%	0.102%
59	6.620	6.612	6.655	VV	160	2295	0.05%	0.006%
60	6.670	6.655	6.708	VV	128	1773	0.04%	0.005%
61	6.718	6.708	6.749	VV	58	1219	0.02%	0.003%
62	6.758	6.749	6.778	VV	103	1241	0.02%	0.003%
63	6.786	6.778	6.826	VV	127	1038	0.02%	0.003%
64	6.842	6.826	6.888	PV	109	2097	0.04%	0.005%
65	6.894	6.888	6.918	VV	102	1485	0.03%	0.004%
66	6.955	6.918	6.972	VV	116	2755	0.06%	0.007%
67	6.980	6.972	6.998	VV	87	823	0.02%	0.002%
68	7.012	6.998	7.031	VV	93	1164	0.02%	0.003%
69	7.038	7.031	7.058	VV	44	685	0.01%	0.002%
70	7.093	7.058	7.132	VV	108	1634	0.03%	0.004%
71	7.231	7.132	7.338	VV	167	12370	0.25%	0.032%
72	7.358	7.338	7.367	VV	176	2646	0.05%	0.007%
73	7.386	7.367	7.406	VV	230	3918	0.08%	0.010%
74	7.414	7.406	7.427	VV	121	1318	0.03%	0.003%
75	7.443	7.427	7.482	VV	148	3057	0.06%	0.008%
76	7.498	7.482	7.592	VV	196	9570	0.19%	0.025%
77	7.611	7.592	7.681	VV	262	5928	0.12%	0.015%
78	7.706	7.681	7.716	VV	46	753	0.02%	0.002%
79	7.771	7.716	7.783	VV	87	1635	0.03%	0.004%
80	7.789	7.783	7.824	VV	62	817	0.02%	0.002%
81	7.834	7.824	7.844	PV	31	258	0.01%	0.001%
82	8.313	8.294	8.371	VV	660	27036	0.54%	0.069%
83	8.399	8.371	8.451	VV	2807	51301	1.03%	0.131%
84	8.493	8.451	8.578	VV	1088	39292	0.79%	0.101%
85	8.585	8.578	8.604	VV	333	4500	0.09%	0.012%
86	8.637	8.604	8.707	VV	404	14201	0.28%	0.036%
87	8.717	8.707	8.749	VV	185	3575	0.07%	0.009%
88	8.755	8.749	8.771	VV	159	1503	0.03%	0.004%
89	9.229	9.208	9.295	VV	1359	47096	0.94%	0.121%

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

					nteres			
90	9.319	9.295	9.390	VV	1083	37820	0.76%	0.097%
91	9.401	9.390	9.481	VV	489	20494		
92	9.504	9.481	9.571	VV	530	17682		
93	9.580	9.571	9.650	VV	277	10002		
94	9.715	9.650	9.798	VV	412	26665		
95	9.809	9.798	9.816	VV	312	3182		
96	9.821	9.816	9.865	VV	298	6904	0.14%	0.018%
97	9.875	9.865	9.897	VV	241	3393	0.07%	0.009%
98	9.935	9.897	9.954	VV	411	7169	0.14%	0.018%
99	9.991	9.954	10.080	VV	7963	213496	4.28%	0.547%
100	10.094	10.080	10.207	VV	1299	51254	1.03%	0.131%
101	10.219	10.207	10.238	VV	403	6575	0.13%	0.017%
102	10.246	10.238	10.266	VV	338	4948	0.10%	0.013%
103	10.273	10.266	10.290	VV	311	3607	0.07%	0.009%
104	10.304	10.290	10.314	VV	323	3633	0.07%	0.009%
105	10.330	10.314	10.355	VV	333	6421	0.13%	0.016%
106	10.370	10.355	10.394	VV	204	4152	0.08%	0.011%
107	10.405	10.394	10.414	VV	179	1844	0.04%	0.005%
108	10.435	10.414	10.471	VV	284	7778	0.16%	0.020%
109	10.482	10.471	10.511	VV	328	5511	0.11%	0.014%
110	10.525	10.511	10.545	VV	219	3566	0.07%	0.009%
111	10.575	10.545	10.625	VV	252	8178	0.16%	0.021%
112	10.631	10.625	10.681	VV	157	3721	0.07%	0.010%
113	10.728	10.681	10.736	VV	198	4751	0.10%	0.012%
114	10.760	10.736	10.791	VV	363	7703	0.15%	0.020%
115	10.836	10.791	10.887	VV	658	17573	0.35%	0.045%
116	10.907	10.887	10.923	VV	232	3999	0.08%	0.010%
117	10.941	10.923	11.001	VV	283	8443	0.17%	0.022%
118	11.054	11.001	11.106	VV	272	7019	0.14%	0.018%
119	11.146	11.106	11.172	VV	428	9134	0.18%	0.023%
120	11.181	11.172	11.201	VV	347	5054	0.10%	0.013%
121	11.216	11.201	11.224	VV	291	3443	0.07%	0.009%
122	11.234	11.224	11.253	VV	270	3826	0.08%	0.010%
123	11.264	11.253	11.273	VV	214	2129	0.04%	0.005%
124	11.282	11.273	11.301	VV	285	3095	0.06%	0.008%
125	11.308	11.301	11.349	VV	219	3714	0.07%	0.010%
126	11.361	11.349	11.385	PV	127	1768	0.04%	0.005%
127	11.431	11.385	11.444	VV	152	4364	0.09%	0.011%
128	11.470	11.444	11.501	VV	1568	22662	0.45%	0.058%
129	11.539	11.501	11.595	VV	1274	23757	0.48%	0.061%
130	11.625	11.595	11.677	VV	538	13066	0.26%	0.033%
131	11.703	11.677	11.721	VV	426	5932	0.12%	0.015%
132	11.734	11.721	11.754	VV	213	2795	0.06%	0.007%
133	11.789	11.754	11.805	PV	96	2058	0.04%	0.005%
134	11.859	11.805	11.985	VV	432380	4985018	100.00%	12.774%
135	11.991	11.985	12.014	VV	712	10042	0.20%	0.026%
136	12.024	12.014	12.115	VV	499	13307	0.27%	0.034%
137	12.143	12.115	12.169	VV	306	5297	0.11%	0.014%
138	12.206	12.169	12.275	VV	562	12743	0.26%	0.033%
139	12.308	12.275	12.331	VV	356	6320	0.13%	0.016%
140	12.339	12.331	12.348	VV	218	2019	0.04%	0.005%
141	12.354	12.348	12.380	VV	221	3280	0.07%	0.008%

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

					nteres			
142	12.412	12.380	12.436	VV	294	6465	0.13%	0.017%
143	12.462	12.436	12.640	VV	27745	443314	8.85%	10.073%
144	12.660	12.640	12.745	VV	704	25782	0.03%	0.004%
145	12.785	12.745	12.810	VV	748	17720	0.10%	0.013%
146	12.845	12.810	12.888	VV	875	20129	0.30%	0.038%
147	12.916	12.888	12.939	VV	835	16998	0.03%	0.004%
148	12.961	12.939	13.035	VV	541	14887	0.30%	0.038%
149	13.051	13.035	13.072	VV	96	1497	0.03%	0.004%
150	13.118	13.072	13.138	PV	222	5086	0.10%	0.013%
151	13.146	13.138	13.156	VV	121	1216	0.02%	0.003%
152	13.293	13.156	13.438	VV	331725	3930776	78.85%	10.073%
153	13.457	13.438	13.486	VV	900	16686	0.33%	0.043%
154	13.505	13.486	13.528	VV	499	11270	0.23%	0.029%
155	13.546	13.528	13.564	VV	616	11096	0.22%	0.028%
156	13.584	13.564	13.663	VV	624	21981	0.44%	0.056%
157	13.695	13.663	13.732	VV	4337	72059	1.45%	0.185%
158	13.742	13.732	13.811	VV	1147	23255	0.47%	0.060%
159	13.834	13.811	13.871	VV	237	6369	0.13%	0.016%
160	13.898	13.871	13.948	VV	244	5399	0.11%	0.014%
161	13.991	13.948	14.017	VV	606	10585	0.21%	0.027%
162	14.042	14.017	14.118	VV	2244	33771	0.68%	0.087%
163	14.160	14.118	14.183	VV	147	3584	0.07%	0.009%
164	14.214	14.183	14.241	VV	90	1801	0.04%	0.005%
165	14.284	14.241	14.313	PV	174	4057	0.08%	0.010%
166	14.326	14.313	14.333	VV	63	459	0.01%	0.001%
167	14.478	14.333	14.531	PV	1011	31194	0.63%	0.080%
168	14.556	14.531	14.574	VV	283	4503	0.09%	0.012%
169	14.604	14.574	14.627	VV	879	11227	0.23%	0.029%
170	14.666	14.627	14.681	VV	297	5912	0.12%	0.015%
171	14.709	14.681	14.731	VV	352	5981	0.12%	0.015%
172	14.763	14.731	14.781	VV	209	4312	0.09%	0.011%
173	14.859	14.781	14.872	PV	222	5171	0.10%	0.013%
174	14.892	14.872	14.931	VV	165	3822	0.08%	0.010%
175	15.002	14.931	15.021	VV	300	7430	0.15%	0.019%
176	15.024	15.021	15.032	VV	217	868	0.02%	0.002%
177	15.039	15.032	15.053	VV	133	891	0.02%	0.002%
178	15.107	15.053	15.121	PV	557	10973	0.22%	0.028%
179	15.144	15.121	15.171	VV	1899	28274	0.57%	0.072%
180	15.193	15.171	15.258	VV	1716	31222	0.63%	0.080%
181	15.344	15.258	15.381	VV	211	8985	0.18%	0.023%
182	15.385	15.381	15.398	VV	88	510	0.01%	0.001%
183	15.439	15.398	15.464	PV	168	3335	0.07%	0.009%
184	15.526	15.464	15.611	VV	13324	293254	5.88%	0.751%
185	15.624	15.611	15.635	VV	840	10724	0.22%	0.027%
186	15.663	15.635	15.675	VV	2010	31674	0.64%	0.081%
187	15.684	15.675	15.705	VV	1644	20702	0.42%	0.053%
188	15.732	15.705	15.761	VV	2445	37951	0.76%	0.097%
189	15.990	15.761	16.005	VV	232	25173	0.50%	0.065%
190	16.052	16.005	16.083	VV	517	14551	0.29%	0.037%
191	16.124	16.083	16.141	VV	506	12212	0.24%	0.031%
192	16.163	16.141	16.201	VV	2507	37252	0.75%	0.095%
193	16.230	16.201	16.268	VV	569	9525	0.19%	0.024%
194	16.301	16.268	16.314	PV	191	2293	0.05%	0.006%

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

195	16.457	16.314	16.472	PV	191	493	0.01%	0.001%
196	16.544	16.472	16.585	PV	1867	43017		
197	16.644	16.585	16.671	VV	2532	50331		
198	16.729	16.671	16.768	VV	2884	57708		
199	16.854	16.768	16.888	VV	296	19626		
200	17.110	16.888	17.136	PV	5471	87909		
201	17.158	17.136	17.175	VV	2346	32881	0.66%	0.084%
202	17.192	17.175	17.224	VV	2090	31571	0.63%	0.081%
203	17.306	17.224	17.314	VV	449	17730	0.36%	0.045%
204	17.448	17.314	17.461	VV	1707	54197	1.09%	0.139%
205	17.485	17.461	17.506	VV	2354	52177	1.05%	0.134%
206	17.560	17.506	17.601	VV	6565	146868	2.95%	0.376%
207	17.651	17.601	17.694	VV	1519	58686	1.18%	0.150%
208	17.722	17.694	17.745	VV	700	18433	0.37%	0.047%
209	17.769	17.745	17.778	VV	532	9066	0.18%	0.023%
210	17.791	17.778	17.802	VV	376	5090	0.10%	0.013%
211	17.889	17.802	17.904	VV	270	9718	0.19%	0.025%
212	17.996	17.904	18.027	PV	5229	106321	2.13%	0.272%
213	18.090	18.027	18.115	VV	5542	107339	2.15%	0.275%
214	18.142	18.115	18.156	VV	2475	51013	1.02%	0.131%
215	18.222	18.156	18.238	VV	2395	109437	2.20%	0.280%
216	18.316	18.238	18.335	VV	3439	134246	2.69%	0.344%
217	18.362	18.335	18.394	VV	5836	136368	2.74%	0.349%
218	18.420	18.394	18.447	VV	6144	109903	2.20%	0.282%
219	18.520	18.447	18.558	VV	1156	60141	1.21%	0.154%
220	18.715	18.558	18.730	PV	3681	155433	3.12%	0.398%
221	18.826	18.730	18.866	VV	7246	348653	6.99%	0.893%
222	18.931	18.866	18.971	VV	8670	298807	5.99%	0.766%
223	18.984	18.971	19.017	VV	3398	82800	1.66%	0.212%
224	19.188	19.017	19.200	VV	6895	428852	8.60%	1.099%
225	19.226	19.200	19.265	VV	7421	244078	4.90%	0.625%
226	19.289	19.265	19.298	VV	4706	92950	1.86%	0.238%
227	19.314	19.298	19.325	VV	4992	73901	1.48%	0.189%
228	19.436	19.325	19.446	VV	4782	322299	6.47%	0.826%
229	19.542	19.446	19.555	VV	7251	391084	7.85%	1.002%
230	19.613	19.555	19.633	VV	8828	367494	7.37%	0.942%
231	19.646	19.633	19.661	VV	7839	129630	2.60%	0.332%
232	19.678	19.661	19.695	VV	8223	151189	3.03%	0.387%
233	19.719	19.695	19.774	VV	9699	352118	7.06%	0.902%
234	19.811	19.774	19.820	VV	6201	160911	3.23%	0.412%
235	19.961	19.820	20.008	VV	16898	1252496	25.13%	3.209%
236	20.020	20.008	20.061	VV	11707	354528	7.11%	0.908%
237	20.089	20.061	20.098	VV	10810	228110	4.58%	0.585%
238	20.361	20.098	20.378	VV	23698	2790300	55.97%	7.150%
239	20.391	20.378	20.485	VV	23672	1323840	26.56%	3.392%
240	20.519	20.485	20.535	VV	18941	538878	10.81%	1.381%
241	20.641	20.535	20.682	VV	30097	2277147	45.68%	5.835%
242	20.709	20.682	20.721	VV	26209	589568	11.83%	1.511%
243	20.749	20.721	20.779	VV	26227	891091	17.88%	2.283%
244	20.880	20.779	21.021	VV	27709	3538577	70.98%	9.068%
245	21.158	21.021	21.172	VV	25879	2041370	40.95%	5.231%
246	21.192	21.172	21.358	VV	25131	2298496	46.11%	5.890%

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

0.01% 0.001%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

rteres									
247	21.401	21.358	21.424	VV	15368	592927	11.89%	1.519%	
248	21.475	21.424	21.535	VV	16051	996913	20.62%	2.123%	
249	21.589	21.535	21.598	VV	15071	541964	10.71%	0.735%	
250	21.605	21.598	21.651	VV	14588	398449	7.12%	0.735%	
251	21.660	21.651	21.671	VV	9418	110648	2.12%	0.735%	
252	21.723	21.671	21.749	VV	11255	458554	9.12%	0.735%	
253	21.760	21.749	21.798	VV	10381	286790	5.75%	0.735%	
254	21.880	21.798	22.005	VV	11330	828598	16.62%	2.123%	
Sum of corrected areas:					39024783				

Instrument :
FID_E
ClientSampleId :
Hawthorne TP Soil

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024

Aliphatic EPH 100824.M Wed Oct 16 04:36:37 2024