

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE050679.D

Signal(s) : FID1B.ch

Acq On : 15 Oct 2024 19:30

Sample : P4403-01

Misc :

ALS Vial : 22 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	3.177	3.138	3.191	BV	235	1152	0.02%	0.002%
2	3.202	3.191	3.224	VV	128	1346	0.03%	0.003%
3	3.250	3.224	3.338	VV	194	4724	0.10%	0.010%
4	3.369	3.338	3.430	PV	952	14420	0.29%	0.031%
5	3.440	3.430	3.554	VV	184	4525	0.09%	0.010%
6	3.561	3.554	3.580	VV	110	680	0.01%	0.001%
7	3.593	3.580	3.634	PV	76	1188	0.02%	0.003%
8	3.640	3.634	3.651	VV	47	316	0.01%	0.001%
9	3.685	3.651	3.707	VV	127	2164	0.04%	0.005%
10	3.735	3.707	3.833	VV	1470	22438	0.46%	0.048%
11	3.855	3.833	3.918	VV	690	13647	0.28%	0.029%
12	3.931	3.918	4.006	VV	334	5736	0.12%	0.012%
13	4.019	4.006	4.062	PV	85	1131	0.02%	0.002%
14	4.080	4.062	4.104	PV	90	1445	0.03%	0.003%
15	4.110	4.104	4.123	VV	58	635	0.01%	0.001%
16	4.141	4.123	4.211	VV	144	5292	0.11%	0.011%
17	4.233	4.211	4.269	VV	179	3800	0.08%	0.008%
18	4.317	4.269	4.336	VV	194	5518	0.11%	0.012%
19	4.361	4.336	4.442	VV	1616	28337	0.58%	0.060%
20	4.497	4.442	4.532	VV	248	8761	0.18%	0.019%
21	4.541	4.532	4.600	VV	201	5399	0.11%	0.012%
22	4.621	4.600	4.639	VV	318	3590	0.07%	0.008%
23	4.649	4.639	4.657	PV	100	773	0.02%	0.002%
24	4.674	4.657	4.745	VV	275	6381	0.13%	0.014%
25	4.754	4.745	4.772	VV	144	1499	0.03%	0.003%
26	4.798	4.772	4.836	VV	173	4199	0.09%	0.009%
27	4.862	4.836	4.870	VV	150	2191	0.04%	0.005%
28	4.883	4.870	4.941	VV	166	5710	0.12%	0.012%
29	4.959	4.941	4.993	VV	158	4173	0.08%	0.009%
30	5.008	4.993	5.038	VV	165	2975	0.06%	0.006%
31	5.082	5.038	5.145	VV	159	5999	0.12%	0.013%
32	5.160	5.145	5.222	PV	141	4087	0.08%	0.009%
33	5.248	5.222	5.287	VV	135	3035	0.06%	0.006%
34	5.298	5.287	5.311	VV	81	805	0.02%	0.002%
35	5.320	5.311	5.344	VV	115	836	0.02%	0.002%
36	5.355	5.344	5.384	PV	62	1024	0.02%	0.002%

					retention	Area	Area%	Area%
37	5.399	5.384	5.409	VV	100	939	0.02%	0.002%
38	5.422	5.409	5.434	VV	99	1050	0.02%	0.002%
39	5.465	5.434	5.572	VV	197	7778	0.04%	0.004%
40	5.583	5.572	5.631	VV	90	1770	0.02%	0.002%
41	5.653	5.631	5.664	VV	91	1127	0.02%	0.002%
42	5.686	5.664	5.720	PV	70	1696	0.02%	0.002%
43	5.770	5.720	5.950	VV	265	22821	0.46%	0.049%
44	5.965	5.950	5.981	VV	170	2494	0.05%	0.005%
45	5.990	5.981	6.001	VV	170	1700	0.03%	0.004%
46	6.020	6.001	6.086	VV	175	5570	0.11%	0.012%
47	6.103	6.086	6.138	VV	169	2516	0.05%	0.005%
48	6.161	6.138	6.190	VV	149	3296	0.07%	0.007%
49	6.236	6.190	6.297	PV	344	13142	0.27%	0.028%
50	6.317	6.297	6.332	VV	289	3815	0.08%	0.008%
51	6.337	6.332	6.354	VV	163	1871	0.04%	0.004%
52	6.379	6.354	6.420	VV	514	8843	0.18%	0.019%
53	6.428	6.420	6.445	VV	177	1822	0.04%	0.004%
54	6.463	6.445	6.484	VV	157	2848	0.06%	0.006%
55	6.493	6.484	6.506	VV	208	1951	0.04%	0.004%
56	6.554	6.506	6.653	VV	2737	47920	0.98%	0.102%
57	6.665	6.653	6.711	VV	162	3714	0.08%	0.008%
58	6.715	6.711	6.721	VV	81	318	0.01%	0.001%
59	6.752	6.721	6.772	VV	110	1901	0.04%	0.004%
60	6.818	6.772	6.838	VV	123	2414	0.05%	0.005%
61	6.848	6.838	6.867	VV	102	1414	0.03%	0.003%
62	6.877	6.867	6.918	VV	131	2587	0.05%	0.006%
63	6.924	6.918	6.935	VV	137	899	0.02%	0.002%
64	6.948	6.935	6.994	VV	106	2932	0.06%	0.006%
65	7.000	6.994	7.029	VV	73	695	0.01%	0.001%
66	7.039	7.029	7.072	PV	61	881	0.02%	0.002%
67	7.077	7.072	7.091	VV	72	300	0.01%	0.001%
68	7.131	7.091	7.144	VV	129	1738	0.04%	0.004%
69	7.220	7.144	7.271	VV	222	10695	0.22%	0.023%
70	7.291	7.271	7.331	VV	217	5737	0.12%	0.012%
71	7.346	7.331	7.378	VV	223	5844	0.12%	0.012%
72	7.384	7.378	7.421	VV	258	4861	0.10%	0.010%
73	7.430	7.421	7.483	VV	228	5444	0.11%	0.012%
74	7.500	7.483	7.529	VV	271	5614	0.11%	0.012%
75	7.539	7.529	7.561	VV	237	3890	0.08%	0.008%
76	7.568	7.561	7.598	VV	223	4156	0.08%	0.009%
77	7.613	7.598	7.632	VV	344	4408	0.09%	0.009%
78	7.641	7.632	7.667	VV	187	2820	0.06%	0.006%
79	7.676	7.667	7.694	VV	164	1907	0.04%	0.004%
80	7.702	7.694	7.728	VV	109	1621	0.03%	0.003%
81	7.733	7.728	7.754	VV	120	1101	0.02%	0.002%
82	7.804	7.754	7.862	PV	146	4654	0.09%	0.010%
83	7.873	7.862	7.887	PV	109	852	0.02%	0.002%
84	8.311	8.298	8.365	VV	654	23905	0.49%	0.051%
85	8.398	8.365	8.444	VV	2989	51764	1.05%	0.110%
86	8.493	8.444	8.566	VV	932	38168	0.78%	0.081%
87	8.576	8.566	8.597	VV	293	5314	0.11%	0.011%
88	8.629	8.597	8.704	VV	430	18826	0.38%	0.040%
89	8.735	8.704	8.780	VV	451	10447	0.21%	0.022%

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90	9.228	9.198	9.291	VV	1224	47995	0.98% 0.102%
91	9.318	9.291	9.427	VV	1056	47915	
92	9.437	9.427	9.452	VV	390	5121	
93	9.459	9.452	9.488	VV	340	6471	
94	9.504	9.488	9.544	VV	425	10731	
95	9.555	9.544	9.577	VV	221	4053	
96	9.585	9.577	9.627	VV	218	5717	0.12% 0.012%
97	9.638	9.627	9.647	VV	213	2269	0.05% 0.005%
98	9.699	9.647	9.759	VV	458	21747	0.44% 0.046%
99	9.772	9.759	9.795	VV	323	5826	0.12% 0.012%
100	9.804	9.795	9.814	VV	280	2658	0.05% 0.006%
101	9.828	9.814	9.851	VV	228	4610	0.09% 0.010%
102	9.866	9.851	9.914	VV	237	6004	0.12% 0.013%
103	9.934	9.914	9.954	VV	317	4803	0.10% 0.010%
104	9.989	9.954	10.076	VV	6943	190175	3.87% 0.406%
105	10.096	10.076	10.215	VV	1188	46988	0.96% 0.100%
106	10.224	10.215	10.278	VV	269	8183	0.17% 0.017%
107	10.285	10.278	10.304	VV	188	2513	0.05% 0.005%
108	10.335	10.304	10.364	VV	248	5702	0.12% 0.012%
109	10.374	10.364	10.398	VV	209	2469	0.05% 0.005%
110	10.401	10.398	10.414	VV	161	1084	0.02% 0.002%
111	10.452	10.414	10.464	VV	342	7177	0.15% 0.015%
112	10.483	10.464	10.514	VV	335	6914	0.14% 0.015%
113	10.533	10.514	10.548	VV	236	3498	0.07% 0.007%
114	10.572	10.548	10.606	VV	240	5488	0.11% 0.012%
115	10.621	10.606	10.673	VV	139	3264	0.07% 0.007%
116	10.686	10.673	10.694	VV	114	811	0.02% 0.002%
117	10.762	10.694	10.790	VV	341	9902	0.20% 0.021%
118	10.836	10.790	10.867	VV	792	16544	0.34% 0.035%
119	10.902	10.867	10.928	VV	315	7094	0.14% 0.015%
120	10.947	10.928	11.006	VV	299	7650	0.16% 0.016%
121	11.057	11.006	11.108	VV	347	8533	0.17% 0.018%
122	11.137	11.108	11.201	PV	1131	31417	0.64% 0.067%
123	11.212	11.201	11.221	VV	361	4017	0.08% 0.009%
124	11.225	11.221	11.265	VV	380	6864	0.14% 0.015%
125	11.279	11.265	11.315	VV	269	5692	0.12% 0.012%
126	11.323	11.315	11.387	VV	178	2650	0.05% 0.006%
127	11.428	11.387	11.448	VV	128	2739	0.06% 0.006%
128	11.470	11.448	11.496	VV	1557	21633	0.44% 0.046%
129	11.538	11.496	11.567	VV	1280	24397	0.50% 0.052%
130	11.581	11.567	11.600	VV	292	4966	0.10% 0.011%
131	11.626	11.600	11.684	VV	1225	25379	0.52% 0.054%
132	11.702	11.684	11.720	VV	426	5994	0.12% 0.013%
133	11.733	11.720	11.764	VV	251	3594	0.07% 0.008%
134	11.781	11.764	11.793	PV	193	2146	0.04% 0.005%
135	11.859	11.793	11.943	VV	455387	4910720	100.00% 10.474%
136	11.964	11.943	12.011	VV	1335	35801	0.73% 0.076%
137	12.025	12.011	12.091	VV	658	14924	0.30% 0.032%
138	12.103	12.091	12.121	VV	197	2430	0.05% 0.005%
139	12.141	12.121	12.173	VV	252	4709	0.10% 0.010%
140	12.206	12.173	12.225	PV	670	10309	0.21% 0.022%
141	12.240	12.225	12.252	VV	317	4049	0.08% 0.009%

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0.98% 0.102%

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rteres							
142	12.261	12.252	12.288	VV	243	3129	0.06% 0.007%
143	12.321	12.288	12.381	VV	869	24854	
144	12.406	12.381	12.433	VV	410	8732	
145	12.462	12.433	12.581	VV	36821	523452	10
146	12.587	12.581	12.641	VV	820	22496	
147	12.657	12.641	12.734	VV	690	20683	
148	12.784	12.734	12.818	VV	794	21194	0.43% 0.045%
149	12.845	12.818	12.879	VV	956	18307	0.37% 0.039%
150	12.913	12.879	12.931	VV	1912	27177	0.55% 0.058%
151	12.941	12.931	13.014	VV	855	21491	0.44% 0.046%
152	13.105	13.014	13.156	VV	400	9184	0.19% 0.020%
153	13.168	13.156	13.186	VV	121	1464	0.03% 0.003%
154	13.245	13.186	13.256	PV	822	15456	0.31% 0.033%
155	13.292	13.256	13.383	VV	312353	3838946	78.17% 8.188%
156	13.397	13.383	13.431	VV	748	16527	0.34% 0.035%
157	13.457	13.431	13.477	VV	936	16476	0.34% 0.035%
158	13.540	13.477	13.567	VV	1100	38257	0.78% 0.082%
159	13.583	13.567	13.664	VV	789	24262	0.49% 0.052%
160	13.695	13.664	13.732	VV	4091	66629	1.36% 0.142%
161	13.740	13.732	13.788	VV	972	17696	0.36% 0.038%
162	13.794	13.788	13.807	VV	205	2362	0.05% 0.005%
163	13.847	13.807	13.878	VV	332	8268	0.17% 0.018%
164	13.886	13.878	13.893	VV	217	1646	0.03% 0.004%
165	13.904	13.893	13.929	VV	224	3082	0.06% 0.007%
166	13.992	13.929	14.017	VV	686	14523	0.30% 0.031%
167	14.041	14.017	14.120	VV	2258	35777	0.73% 0.076%
168	14.166	14.120	14.174	PV	96	2435	0.05% 0.005%
169	14.182	14.174	14.201	VV	99	880	0.02% 0.002%
170	14.297	14.201	14.311	PV	130	4212	0.09% 0.009%
171	14.314	14.311	14.333	VV	116	567	0.01% 0.001%
172	14.448	14.333	14.461	PV	786	17689	0.36% 0.038%
173	14.479	14.461	14.510	VV	1562	24352	0.50% 0.052%
174	14.556	14.510	14.575	VV	338	9972	0.20% 0.021%
175	14.603	14.575	14.623	VV	1287	17099	0.35% 0.036%
176	14.666	14.623	14.684	VV	647	15120	0.31% 0.032%
177	14.711	14.684	14.726	VV	480	9588	0.20% 0.020%
178	14.758	14.726	14.791	VV	358	10274	0.21% 0.022%
179	14.857	14.791	14.868	VV	326	11415	0.23% 0.024%
180	14.895	14.868	14.928	VV	337	8748	0.18% 0.019%
181	14.998	14.928	15.054	VV	490	19030	0.39% 0.041%
182	15.102	15.054	15.114	VV	711	13223	0.27% 0.028%
183	15.141	15.114	15.164	VV	2546	40333	0.82% 0.086%
184	15.191	15.164	15.263	VV	1784	38208	0.78% 0.081%
185	15.279	15.263	15.302	VV	145	2457	0.05% 0.005%
186	15.337	15.302	15.361	VV	215	3077	0.06% 0.007%
187	15.438	15.361	15.458	PV	163	1416	0.03% 0.003%
188	15.524	15.458	15.608	PV	14691	294639	6.00% 0.628%
189	15.619	15.608	15.629	VV	625	7575	0.15% 0.016%
190	15.661	15.629	15.701	VV	2066	41436	0.84% 0.088%
191	15.731	15.701	15.770	VV	5702	79623	1.62% 0.170%
192	16.048	15.770	16.095	VV	754	56668	1.15% 0.121%
193	16.162	16.095	16.198	VV	2495	50873	1.04% 0.109%
194	16.229	16.198	16.265	VV	893	15642	0.32% 0.033%

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195	16.297	16.265	16.321	VV	215	3930	0.08%	0.008%
196	16.454	16.321	16.477	PV	621	6340		
197	16.541	16.477	16.591	PV	2510	54500		
198	16.644	16.591	16.671	VV	2463	44804		
199	16.726	16.671	16.768	VV	3751	89056		
200	16.842	16.768	16.895	VV	1169	53676		
201	16.940	16.895	16.949	VV	399	9268	0.19%	0.020%
202	17.015	16.949	17.034	VV	763	21552	0.44%	0.046%
203	17.048	17.034	17.053	VV	242	3321	0.07%	0.007%
204	17.109	17.053	17.131	VV	4906	91459	1.86%	0.195%
205	17.158	17.131	17.218	VV	16987	240647	4.90%	0.513%
206	17.264	17.218	17.286	PV	472	7017	0.14%	0.015%
207	17.448	17.286	17.464	PV	2350	81834	1.67%	0.175%
208	17.486	17.464	17.504	VV	2031	42335	0.86%	0.090%
209	17.522	17.504	17.533	VV	1818	29316	0.60%	0.063%
210	17.560	17.533	17.588	VV	4814	88505	1.80%	0.189%
211	17.649	17.588	17.678	VV	1418	55267	1.13%	0.118%
212	17.697	17.678	17.711	VV	728	12803	0.26%	0.027%
213	17.740	17.711	17.754	VV	812	15836	0.32%	0.034%
214	17.794	17.754	17.812	VV	538	15206	0.31%	0.032%
215	17.883	17.812	17.911	PV	469	7847	0.16%	0.017%
216	17.958	17.911	17.971	PV	1223	17530	0.36%	0.037%
217	17.996	17.971	18.022	VV	3579	50460	1.03%	0.108%
218	18.091	18.022	18.112	VV	3377	65262	1.33%	0.139%
219	18.145	18.112	18.154	VV	1922	38342	0.78%	0.082%
220	18.227	18.154	18.253	VV	2363	118420	2.41%	0.253%
221	18.318	18.253	18.337	VV	4197	127839	2.60%	0.273%
222	18.361	18.337	18.401	VV	6749	171812	3.50%	0.366%
223	18.420	18.401	18.441	VV	4835	84815	1.73%	0.181%
224	18.459	18.441	18.468	VV	2768	42232	0.86%	0.090%
225	18.489	18.468	18.540	VV	3085	96574	1.97%	0.206%
226	18.552	18.540	18.568	VV	1221	12300	0.25%	0.026%
227	18.699	18.568	18.753	PV	6161	300433	6.12%	0.641%
228	18.823	18.753	18.851	VV	8260	311717	6.35%	0.665%
229	18.866	18.851	18.883	VV	5349	99144	2.02%	0.211%
230	18.930	18.883	18.961	VV	6531	251820	5.13%	0.537%
231	18.971	18.961	18.983	VV	4637	57251	1.17%	0.122%
232	19.050	18.983	19.071	VV	5864	252392	5.14%	0.538%
233	19.139	19.071	19.160	VV	6064	296907	6.05%	0.633%
234	19.231	19.160	19.257	VV	10123	474053	9.65%	1.011%
235	19.267	19.257	19.279	VV	8409	102323	2.08%	0.218%
236	19.324	19.279	19.339	VV	8364	269268	5.48%	0.574%
237	19.347	19.339	19.380	VV	6826	158223	3.22%	0.337%
238	19.488	19.380	19.501	VV	8610	512993	10.45%	1.094%
239	19.557	19.501	19.577	VV	11343	447320	9.11%	0.954%
240	19.619	19.577	19.638	VV	13027	425950	8.67%	0.908%
241	19.645	19.638	19.664	VV	12343	183885	3.74%	0.392%
242	19.679	19.664	19.700	VV	12371	236833	4.82%	0.505%
243	19.722	19.700	19.748	VV	11036	286543	5.84%	0.611%
244	19.788	19.748	19.820	VV	10438	411892	8.39%	0.879%
245	19.958	19.820	20.007	VV	24172	1747537	35.59%	3.727%
246	20.018	20.007	20.058	VV	15966	449454	9.15%	0.959%

Instrument :

FID_E

ClientSampleId :

Hawthorne TP Soil

0.08% 0.008%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

							Instrument : FID_E	
							ClientSampleId : Hawthorne TP Soil	
rterres							Manual Integration	
247	20.085	20.058	20.094	VV	15178	309595	6.30%	0.660%
248	20.156	20.094	20.168	VV	18626	755152	15.75%	1.840%
249	20.243	20.168	20.267	VV	23341	1207413	24.87%	2.945%
250	20.324	20.267	20.337	VV	27967	1079745	21.52%	2.688%
251	20.385	20.337	20.395	VV	30659	1008717	20.88%	2.603%
252	20.401	20.395	20.418	VV	30170	397870	8.79%	1.053%
253	20.429	20.418	20.474	VV	29763	862809	17.57%	1.840%
254	20.483	20.474	20.495	VV	22914	281829	5.74%	0.601%
255	20.642	20.495	20.670	VV	37686	3219791	65.57%	6.867%
256	20.681	20.670	20.695	VV	34068	493678	10.05%	1.053%
257	20.703	20.695	20.714	VV	32988	374905	7.63%	0.800%
258	20.733	20.714	20.751	VV	31473	680044	13.85%	1.450%
259	20.836	20.751	20.843	VV	33698	1756069	35.76%	3.745%
260	20.884	20.843	20.901	VV	35437	1185579	24.14%	2.529%
261	20.912	20.901	21.014	VV	35731	1938259	39.47%	4.134%
262	21.134	21.014	21.162	VV	32293	2322871	47.30%	4.954%
263	21.167	21.162	21.176	VV	29066	238533	4.86%	0.509%
264	21.196	21.176	21.334	VV	30767	2447083	49.83%	5.219%
265	21.351	21.334	21.362	VV	19777	322363	6.56%	0.688%
266	21.435	21.362	21.444	VV	19929	953468	19.42%	2.034%
267	21.452	21.444	21.460	VV	19630	183430	3.74%	0.391%
268	21.498	21.460	21.541	VV	20378	922789	18.79%	1.968%
269	21.558	21.541	21.573	VV	16423	299673	6.10%	0.639%
270	21.599	21.573	21.670	VV	17296	849159	17.29%	1.811%
271	21.735	21.670	21.821	VV	14511	1125031	22.91%	2.400%
272	21.895	21.821	21.934	VV	10637	653467	13.31%	1.394%
273	21.944	21.934	22.022	VV	6127	160022	3.26%	0.341%
Sum of corrected areas:							46885073	