

Instrument :

FID_E

ClientSampleId :

TP-5MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE045269.D

Signal(s) : FID1B.ch

Acq On : 10 Nov 2023 02:26

Sample : 05311-13MSD

Misc :

ALS Vial : 29 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.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	3.219	3.185	3.239	BV	12214	123475	1.48%	0.044%
2	3.271	3.239	3.390	VV	490216	4927725	59.12%	1.738%
3	3.409	3.390	3.430	VV	1011	14362	0.17%	0.005%
4	3.455	3.430	3.504	VV	2881	36727	0.44%	0.013%
5	3.514	3.504	3.531	VV	279	2403	0.03%	0.001%
6	3.549	3.531	3.568	PV	251	2849	0.03%	0.001%
7	3.583	3.568	3.593	VV	300	2987	0.04%	0.001%
8	3.613	3.593	3.655	VV	3390	51678	0.62%	0.018%
9	3.694	3.655	3.713	VV	3534	63059	0.76%	0.022%
10	3.740	3.713	3.835	VV	50799	510294	6.12%	0.180%
11	3.856	3.835	3.898	PV	45990	433946	5.21%	0.153%
12	3.915	3.898	3.925	VV	573	8011	0.10%	0.003%
13	3.944	3.925	3.993	VV	4041	49709	0.60%	0.018%
14	4.011	3.993	4.031	VV	2281	23773	0.29%	0.008%
15	4.053	4.031	4.088	VV	1048	21001	0.25%	0.007%
16	4.110	4.088	4.194	VV	1301	26770	0.32%	0.009%
17	4.242	4.194	4.272	PV	4188	87595	1.05%	0.031%
18	4.284	4.272	4.368	VV	950	21115	0.25%	0.007%
19	4.383	4.368	4.393	VV	330	3688	0.04%	0.001%
20	4.411	4.393	4.441	VV	983	12454	0.15%	0.004%
21	4.469	4.441	4.480	VV	146	3124	0.04%	0.001%
22	4.522	4.480	4.538	VV	554828	5513877	66.15%	1.945%
23	4.555	4.538	4.661	VV	588918	5898429	70.77%	2.080%
24	4.684	4.661	4.718	VV	1591	30446	0.37%	0.011%
25	4.738	4.718	4.781	VV	1037	20251	0.24%	0.007%
26	4.800	4.781	4.852	VV	1241	21609	0.26%	0.008%
27	4.891	4.852	4.918	VV	358	10733	0.13%	0.004%
28	4.936	4.918	4.950	VV	425	6384	0.08%	0.002%
29	5.013	4.950	5.054	VV	739	27415	0.33%	0.010%
30	5.100	5.054	5.146	VV	1211	27078	0.32%	0.010%
31	5.175	5.146	5.208	VV	1325	20445	0.25%	0.007%

32	5.222	5.208	5.256	VV	466	8261	0.10%	0.003%
33	5.286	5.256	5.325	VV	716	1417		
34	5.360	5.325	5.390	VV	470	763		
35	5.424	5.390	5.454	VV	1016	1569		
36	5.465	5.454	5.479	VV	327	335		
37	5.510	5.479	5.605	VV	663	12546	0.15%	0.004%
38	5.654	5.605	5.689	PV	849	15635	0.19%	0.006%
39	5.711	5.689	5.736	VV	370	5631	0.07%	0.002%
40	5.759	5.736	5.814	VV	991	13071	0.16%	0.005%
41	5.848	5.814	5.878	VV	287	5533	0.07%	0.002%
42	5.899	5.878	5.954	VV	3372	37945	0.46%	0.013%
43	5.961	5.954	5.995	VV	200	2734	0.03%	0.001%
44	6.006	5.995	6.032	VV	117	1593	0.02%	0.001%
45	6.045	6.032	6.058	VV	81	989	0.01%	0.000%
46	6.073	6.058	6.114	VV	196	3169	0.04%	0.001%
47	6.131	6.114	6.161	PV	81	1251	0.02%	0.000%
48	6.220	6.161	6.381	PV	635083	6382061	76.57%	2.251%
49	6.396	6.381	6.415	VV	964	16526	0.20%	0.006%
50	6.430	6.415	6.507	VV	736	32752	0.39%	0.012%
51	6.517	6.507	6.560	VV	488	13471	0.16%	0.005%
52	6.570	6.560	6.594	VV	377	6179	0.07%	0.002%
53	6.598	6.594	6.610	VV	364	2478	0.03%	0.001%
54	6.624	6.610	6.632	VV	288	3203	0.04%	0.001%
55	6.637	6.632	6.646	VV	240	1638	0.02%	0.001%
56	6.686	6.646	6.758	VV	579549	5964202	71.56%	2.104%
57	6.767	6.758	6.821	VV	847	22696	0.27%	0.008%
58	6.838	6.821	6.898	VV	776	17362	0.21%	0.006%
59	6.913	6.898	6.926	VV	168	2520	0.03%	0.001%
60	6.965	6.926	6.990	VV	218	6526	0.08%	0.002%
61	7.008	6.990	7.048	VV	329	5023	0.06%	0.002%
62	7.075	7.048	7.094	VV	921	11822	0.14%	0.004%
63	7.110	7.094	7.145	VV	598	15253	0.18%	0.005%
64	7.169	7.145	7.193	VV	2303	33707	0.40%	0.012%
65	7.218	7.193	7.271	VV	8053	108526	1.30%	0.038%
66	7.315	7.271	7.397	VV	601257	6297670	75.56%	2.221%
67	7.414	7.397	7.437	VV	2537	48327	0.58%	0.017%
68	7.452	7.437	7.487	VV	2085	38250	0.46%	0.013%
69	7.517	7.487	7.573	VV	2079	57467	0.69%	0.020%
70	7.592	7.573	7.615	VV	1154	18552	0.22%	0.007%
71	7.635	7.615	7.678	VV	1963	38548	0.46%	0.014%
72	7.689	7.678	7.748	VV	506	11582	0.14%	0.004%
73	7.762	7.748	7.771	VV	135	1320	0.02%	0.000%
74	7.802	7.771	7.833	VV	650	9153	0.11%	0.003%
75	7.857	7.833	7.879	VV	152	2494	0.03%	0.001%
76	7.942	7.879	8.030	VV	730467	7444008	89.31%	2.626%
77	8.054	8.030	8.183	VV	1851	88939	1.07%	0.031%
78	8.204	8.183	8.233	VV	1031	17378	0.21%	0.006%
79	8.259	8.233	8.298	VV	963	18178	0.22%	0.006%

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80	8.330	8.298	8.358	VV	485	12332	0.15%	0.004%
81	8.400	8.358	8.411	VV	870	1636		
82	8.435	8.411	8.454	VV	1123	2114		
83	8.514	8.454	8.580	VV	592187	639326		
84	8.615	8.580	8.738	VV	640664	671377		
85	8.744	8.738	8.776	VV	731	13220	0.16%	0.005%
86	8.815	8.776	8.883	VV	440283	4863883	58.35%	1.716%
87	8.915	8.883	9.033	VV	638119	6719240	80.61%	2.370%
88	9.047	9.033	9.068	VV	1072	18693	0.22%	0.007%
89	9.081	9.068	9.094	VV	641	9827	0.12%	0.003%
90	9.114	9.094	9.170	VV	756	24499	0.29%	0.009%
91	9.192	9.170	9.220	VV	1900	29568	0.35%	0.010%
92	9.252	9.220	9.311	VV	955	29306	0.35%	0.010%
93	9.338	9.311	9.412	VV	1332	31421	0.38%	0.011%
94	9.428	9.412	9.465	VV	187	3942	0.05%	0.001%
95	9.482	9.465	9.499	VV	315	4459	0.05%	0.002%
96	9.525	9.499	9.550	VV	359	6794	0.08%	0.002%
97	9.570	9.550	9.586	VV	210	3560	0.04%	0.001%
98	9.598	9.586	9.611	VV	220	2365	0.03%	0.001%
99	9.620	9.611	9.647	VV	217	3586	0.04%	0.001%
100	9.705	9.647	9.831	VV	591502	6725371	80.69%	2.372%
101	9.854	9.831	9.877	VV	1329	27359	0.33%	0.010%
102	9.918	9.877	9.949	VV	4047	79057	0.95%	0.028%
103	9.959	9.949	10.001	VV	708	18165	0.22%	0.006%
104	10.036	10.001	10.083	VV	945	32519	0.39%	0.011%
105	10.122	10.083	10.371	VV	594205	6814201	81.75%	2.403%
106	10.394	10.371	10.431	PV	403	4910	0.06%	0.002%
107	10.452	10.431	10.487	VV	204	3945	0.05%	0.001%
108	10.505	10.487	10.535	VV	285	4752	0.06%	0.002%
109	10.563	10.535	10.577	VV	402	6395	0.08%	0.002%
110	10.592	10.577	10.613	VV	443	6406	0.08%	0.002%
111	10.630	10.613	10.684	VV	279	5726	0.07%	0.002%
112	10.708	10.684	10.741	VV	360	7627	0.09%	0.003%
113	10.767	10.741	10.804	VV	1007	25463	0.31%	0.009%
114	10.819	10.804	10.832	VV	602	8576	0.10%	0.003%
115	10.864	10.832	10.888	VV	1067	23709	0.28%	0.008%
116	10.914	10.888	11.005	VV	5480	87784	1.05%	0.031%
117	11.011	11.005	11.026	VV	265	2308	0.03%	0.001%
118	11.112	11.026	11.158	PV	600565	6900832	82.79%	2.434%
119	11.188	11.158	11.344	VV	573007	6903099	82.82%	2.435%
120	11.368	11.344	11.391	VV	3621	55001	0.66%	0.019%
121	11.413	11.391	11.461	VV	2384	51013	0.61%	0.018%
122	11.496	11.461	11.523	VV	2089	39007	0.47%	0.014%
123	11.568	11.523	11.623	VV	581744	7070776	84.83%	2.494%
124	11.643	11.623	11.691	VV	1611	42297	0.51%	0.015%
125	11.716	11.691	11.738	VV	672	12096	0.15%	0.004%
126	11.760	11.738	11.788	VV	476	10108	0.12%	0.004%

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127	11.824	11.788	11.843	VV	610	13954	0.17%	0.005%
128	11.881	11.843	11.932	VV	532750	595717		
129	11.949	11.932	11.995	VV	2948	5533		
130	12.030	11.995	12.052	VV	3547	7103		
131	12.064	12.052	12.080	VV	2321	2919		
132	12.095	12.080	12.140	VV	2312	34415	0.41%	0.012%
133	12.174	12.140	12.201	PV	848	14135	0.17%	0.005%
134	12.237	12.201	12.261	VV	1102	20919	0.25%	0.007%
135	12.285	12.261	12.310	VV	2748	44113	0.53%	0.016%
136	12.326	12.310	12.364	VV	1213	19876	0.24%	0.007%
137	12.391	12.364	12.430	VV	1276	20291	0.24%	0.007%
138	12.482	12.430	12.528	VV	23480	274737	3.30%	0.097%
139	12.530	12.528	12.550	VV	851	7652	0.09%	0.003%
140	12.575	12.550	12.648	VV	2533	67914	0.81%	0.024%
141	12.662	12.648	12.678	VV	629	10313	0.12%	0.004%
142	12.702	12.678	12.748	VV	2939	44270	0.53%	0.016%
143	12.769	12.748	12.793	PV	1538	20635	0.25%	0.007%
144	12.816	12.793	12.837	VV	2519	35597	0.43%	0.013%
145	12.880	12.837	12.905	VV	593100	7079647	84.94%	2.497%
146	12.936	12.905	13.047	VV	617823	7410257	88.90%	2.614%
147	13.069	13.047	13.087	VV	1673	26494	0.32%	0.009%
148	13.117	13.087	13.143	VV	7563	107274	1.29%	0.038%
149	13.151	13.143	13.193	VV	1102	22877	0.27%	0.008%
150	13.235	13.193	13.269	VV	611854	7303251	87.62%	2.576%
151	13.323	13.269	13.387	VV	363730	4678818	56.13%	1.650%
152	13.406	13.387	13.419	VV	1436	21915	0.26%	0.008%
153	13.436	13.419	13.454	VV	1774	27595	0.33%	0.010%
154	13.492	13.454	13.606	VV	544474	6781430	81.36%	2.392%
155	13.632	13.606	13.662	VV	945	18844	0.23%	0.007%
156	13.714	13.662	13.775	VV	2751	71959	0.86%	0.025%
157	13.825	13.775	13.855	VV	4421	85789	1.03%	0.030%
158	13.868	13.855	13.885	VV	998	14456	0.17%	0.005%
159	13.890	13.885	13.900	VV	730	6552	0.08%	0.002%
160	13.929	13.900	13.953	VV	3237	59069	0.71%	0.021%
161	13.970	13.953	13.991	VV	2425	36179	0.43%	0.013%
162	14.027	13.991	14.041	VV	2074	40055	0.48%	0.014%
163	14.079	14.041	14.125	VV	520227	6724712	80.68%	2.372%
164	14.142	14.125	14.186	VV	2181	42523	0.51%	0.015%
165	14.244	14.186	14.285	VV	1645	46293	0.56%	0.016%
166	14.302	14.285	14.378	VV	529	20723	0.25%	0.007%
167	14.438	14.378	14.454	VV	470	16029	0.19%	0.006%
168	14.514	14.454	14.543	VV	2659	68502	0.82%	0.024%
169	14.565	14.543	14.615	VV	2853	61207	0.73%	0.022%
170	14.641	14.615	14.681	VV	3021	62956	0.76%	0.022%
171	14.697	14.681	14.711	VV	1106	16927	0.20%	0.006%
172	14.737	14.711	14.773	VV	3734	68570	0.82%	0.024%
173	14.800	14.773	14.828	VV	5047	79615	0.96%	0.028%
174	14.866	14.828	14.908	VV	3847	82360	0.99%	0.029%

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175	14.921	14.908	14.940	VV	450	7429	0.09%	0.003%
176	14.986	14.940	15.033	VV	1281	3307		
177	15.067	15.033	15.077	VV	1678	2307		
178	15.119	15.077	15.138	VV	494510	708421		
179	15.165	15.138	15.176	VV	632881	833508		
180	15.183	15.176	15.255	VV	509023	5633199	67.58%	1.987%
181	15.275	15.255	15.330	VV	5814	155858	1.87%	0.055%
182	15.344	15.330	15.358	VV	2057	32296	0.39%	0.011%
183	15.368	15.358	15.398	VV	2000	36864	0.44%	0.013%
184	15.426	15.398	15.441	VV	2513	45858	0.55%	0.016%
185	15.452	15.441	15.521	VV	1948	61334	0.74%	0.022%
186	15.570	15.521	15.646	VV	11925	388766	4.66%	0.137%
187	15.655	15.646	15.675	VV	1960	29432	0.35%	0.010%
188	15.702	15.675	15.732	VV	5110	87642	1.05%	0.031%
189	15.769	15.732	15.812	VV	6265	158714	1.90%	0.056%
190	15.827	15.812	15.857	VV	1890	33141	0.40%	0.012%
191	15.873	15.857	15.902	VV	955	18787	0.23%	0.007%
192	15.952	15.902	15.994	VV	2261	75477	0.91%	0.027%
193	16.030	15.994	16.066	VV	1524	34849	0.42%	0.012%
194	16.113	16.066	16.141	VV	1163	26565	0.32%	0.009%
195	16.210	16.141	16.251	VV	480107	6525052	78.28%	2.301%
196	16.269	16.251	16.301	VV	971	14241	0.17%	0.005%
197	16.340	16.301	16.363	VV	365	9074	0.11%	0.003%
198	16.414	16.363	16.442	PV	744	21037	0.25%	0.007%
199	16.463	16.442	16.480	PV	975	12829	0.15%	0.005%
200	16.496	16.480	16.515	VV	742	11261	0.14%	0.004%
201	16.592	16.515	16.633	VV	2250	76435	0.92%	0.027%
202	16.684	16.633	16.699	VV	432460	7848696	94.16%	2.768%
203	16.717	16.699	16.790	VV	593459	7731049	92.75%	2.727%
204	16.808	16.790	16.888	VV	8063	244298	2.93%	0.086%
205	16.897	16.888	16.909	VV	1935	22735	0.27%	0.008%
206	16.926	16.909	16.945	VV	2112	39697	0.48%	0.014%
207	16.998	16.945	17.022	VV	14469	292732	3.51%	0.103%
208	17.064	17.022	17.118	VV	506575	7352076	88.21%	2.593%
209	17.159	17.118	17.192	VV	463069	6738797	80.85%	2.377%
210	17.202	17.192	17.283	VV	8280	241765	2.90%	0.085%
211	17.303	17.283	17.380	VV	2613	112537	1.35%	0.040%
212	17.424	17.380	17.503	VV	2648	131407	1.58%	0.046%
213	17.605	17.503	17.636	VV	6162	194249	2.33%	0.069%
214	17.645	17.636	17.665	VV	837	12598	0.15%	0.004%
215	17.710	17.665	17.746	VV	3187	86697	1.04%	0.031%
216	17.766	17.746	17.808	VV	625	13742	0.16%	0.005%
217	17.833	17.808	17.853	VV	541	10069	0.12%	0.004%
218	17.872	17.853	17.884	PV	141	1956	0.02%	0.001%
219	17.937	17.884	17.968	VV	4626	70222	0.84%	0.025%
220	18.050	17.968	18.098	PV	449775	6563522	78.75%	2.315%
221	18.137	18.098	18.169	VV	6855	111755	1.34%	0.039%

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					riteres			
222	18.214	18.169	18.250	VV	1345	44106	0.53%	0.016%
223	18.269	18.250	18.291	VV	1274	1917		
224	18.330	18.291	18.350	VV	4270	9164		
225	18.362	18.350	18.388	VV	3437	5643		
226	18.440	18.388	18.456	VV	326281	598235		
227	18.477	18.456	18.650	VV	399621	7987257	95.83%	2.817%
228	18.698	18.650	18.808	VV	359672	6617561	79.39%	2.334%
229	18.817	18.808	18.841	VV	10246	187596	2.25%	0.066%
230	18.883	18.841	18.948	VV	448626	6996767	83.94%	2.468%
231	18.978	18.948	19.008	VV	9005	224131	2.69%	0.079%
232	19.025	19.008	19.081	VV	4168	155295	1.86%	0.055%
233	19.090	19.081	19.108	VV	2631	39888	0.48%	0.014%
234	19.133	19.108	19.158	VV	2779	75383	0.90%	0.027%
235	19.170	19.158	19.195	VV	2516	50381	0.60%	0.018%
236	19.205	19.195	19.215	VV	2113	24494	0.29%	0.009%
237	19.277	19.215	19.326	VV	8559	296637	3.56%	0.105%
238	19.377	19.326	19.405	VV	2597	106131	1.27%	0.037%
239	19.446	19.405	19.504	VV	6364	196761	2.36%	0.069%
240	19.526	19.504	19.539	VV	1102	20551	0.25%	0.007%
241	19.562	19.539	19.602	VV	1395	37031	0.44%	0.013%
242	19.668	19.602	19.741	VV	432740	6751065	81.00%	2.381%
243	19.772	19.741	19.798	VV	3861	89154	1.07%	0.031%
244	19.829	19.798	19.840	VV	3193	60456	0.73%	0.021%
245	19.855	19.840	19.891	VV	3777	88557	1.06%	0.031%
246	19.963	19.891	19.995	VV	8399	306354	3.68%	0.108%
247	20.038	19.995	20.103	VV	5782	241929	2.90%	0.085%
248	20.243	20.103	20.264	VV	6560	371432	4.46%	0.131%
249	20.276	20.264	20.298	VV	6335	124888	1.50%	0.044%
250	20.306	20.298	20.333	VV	5906	114683	1.38%	0.040%
251	20.410	20.333	20.445	VV	423345	6978343	83.72%	2.461%
252	20.457	20.445	20.516	VV	16395	509932	6.12%	0.180%
253	20.557	20.516	20.601	VV	13058	452651	5.43%	0.160%
254	20.625	20.601	20.641	VV	6373	146054	1.75%	0.052%
255	20.717	20.641	20.735	VV	8234	415027	4.98%	0.146%
256	20.763	20.735	20.841	VV	11065	525495	6.30%	0.185%
257	20.936	20.841	21.028	VV	13191	866424	10.39%	0.306%
258	21.056	21.028	21.083	VV	6072	198021	2.38%	0.070%
259	21.146	21.083	21.236	VV	347256	7197955	86.36%	2.539%
260	21.297	21.236	21.346	VV	5503	348555	4.18%	0.123%
261	21.363	21.346	21.403	VV	5087	167318	2.01%	0.059%
262	21.476	21.403	21.535	VV	9677	504598	6.05%	0.178%
263	21.570	21.535	21.624	VV	6918	293918	3.53%	0.104%
264	21.675	21.624	21.704	VV	4720	219942	2.64%	0.078%
265	21.713	21.704	21.795	VV	4294	200916	2.41%	0.071%
266	21.804	21.795	21.835	VV	3221	72478	0.87%	0.026%
267	21.933	21.835	21.951	VV	3100	210207	2.52%	0.074%
268	21.960	21.951	21.971	VV	2999	34791	0.42%	0.012%
269	22.058	21.971	22.221	VV	253434	7298042	87.56%	2.574%

Instrument :

FID_E

ClientSampleId :

TP-5MSD

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

270	22.252	22.221	22.355	VV	3138	125801
271	22.371	22.355	22.381	VV	147	211

Sum of corrected areas:

Aliphatic EPH 110423.M Fri Nov 10 05:21:00 2023

Instrument :
FID_E
ClientSampleId :
TP-5MSD

1.51% 0.044%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023