

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013176.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 14:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 16:06:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.892	2649021	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.331	2016233	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.286	2059318	19.273 ug/ml
2) T n-Decane (C10)	4.539	2065039	19.270 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2278954	19.250 ug/ml
4) T n-Dodecane (C12)	6.703	2083169	19.252 ug/ml
5) T A~2-methylnaphthalene...	7.330	2283490	19.265 ug/ml
6) T n-Tetradecane (C14)	8.528	2080712	19.276 ug/ml
7) T n-Hexadecane (C16)	10.135	2093270	19.311 ug/ml
8) T n-Octadecane (C18)	11.578	2116425	19.328 ug/ml
10) T n-Eicosane (C20)	12.887	2111539	19.243 ug/ml
11) T n-Heneicosane (C21)	13.499	2111268	19.217 ug/ml
13) T n-Docosane (C22)	14.085	2107321	19.194 ug/ml
14) T n-Tetracosane (C24)	15.188	2098912	19.104 ug/ml
15) T n-Hexacosane (C26)	16.208	2079690	19.029 ug/ml
16) T n-Octacosane (C28)	17.157	2046282	18.952 ug/ml
17) T n-Tricontane (C30)	18.044	2052345	18.767 ug/ml
18) T n-Dotriacontane (C32)	18.875	2096050	18.556 ug/ml
19) T n-Tetratriacontane (C34)	19.657	1976337	18.606 ug/ml
20) T n-Hexatriacontane (C36)	20.395	1957477	18.571 ug/mlm
21) T n-Octatriacontane (C38)	21.125	1884955	18.663 ug/ml
22) T n-Tetracontane (C40)	22.024	1868899	18.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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