

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013284.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 13:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/23/2023

Integration File: autoint1.e
 Quant Time: Aug 22 16:25:16 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)	11.890	2663251	19.384 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.328	2033124	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.282	2074930	19.419 ug/ml
2) T n-Decane (C10)	4.535	2095163	19.551 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2320422	19.600 ug/ml
4) T n-Dodecane (C12)	6.699	2118210	19.576 ug/ml
5) T A~2-methylnaphthalene...	7.327	2323103	19.599 ug/ml
6) T n-Tetradecane (C14)	8.524	2112689	19.572 ug/ml
7) T n-Hexadecane (C16)	10.131	2122207	19.578 ug/ml
8) T n-Octadecane (C18)	11.574	2138345	19.528 ug/ml
10) T n-Eicosane (C20)	12.884	2135109	19.458 ug/ml
11) T n-Heneicosane (C21)	13.496	2124925	19.341 ug/ml
13) T n-Docosane (C22)	14.081	2123657	19.343 ug/ml
14) T n-Tetracosane (C24)	15.184	2130438	19.391 ug/ml
15) T n-Hexacosane (C26)	16.204	2093966	19.159 ug/ml
16) T n-Octacosane (C28)	17.153	2058506	19.065 ug/ml
17) T n-Tricontane (C30)	18.039	2061787	18.853 ug/mlm
18) T n-Dotriacontane (C32)	18.872	2059281	18.231 ug/ml
19) T n-Tetratriacontane (C34)	19.654	1934606	18.213 ug/ml
20) T n-Hexatriacontane (C36)	20.392	1919842	18.214 ug/ml
21) T n-Octatriacontane (C38)	21.123	1882734	18.641 ug/ml
22) T n-Tetracontane (C40)	22.018	1932967	19.448 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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