

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013299.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 21:52
 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 08/23/2023
 Supervised By :Ankita Jodhani 08/23/2023

Integration File: autoint1.e
 Quant Time: Aug 22 23:43:38 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)	11.888	2608172	18.983 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
12) S 1-chlorooctadecane (S...	13.327	1987619	18.967 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.282	2046035	19.148 ug/ml
2) T n-Decane (C10)	4.534	2060473	19.227 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2282339	19.278 ug/ml
4) T n-Dodecane (C12)	6.698	2092866	19.341 ug/ml
5) T A~2-methylnaphthalene...	7.326	2286268	19.288 ug/ml
6) T n-Tetradecane (C14)	8.523	2086333	19.328 ug/ml
7) T n-Hexadecane (C16)	10.131	2096881	19.344 ug/ml
8) T n-Octadecane (C18)	11.574	2106145	19.234 ug/ml
10) T n-Eicosane (C20)	12.883	2095731	19.099 ug/ml
11) T n-Heneicosane (C21)	13.494	2079612	18.929 ug/ml
13) T n-Docosane (C22)	14.080	2088430	19.022 ug/ml
14) T n-Tetracosane (C24)	15.183	2107252	19.180 ug/ml
15) T n-Hexacosane (C26)	16.203	2076121	18.996 ug/ml
16) T n-Octacosane (C28)	17.152	2060319	19.082 ug/ml
17) T n-Tricontane (C30)	18.039	2083222	19.049 ug/ml
18) T n-Dotriacontane (C32)	18.870	2072885	18.351 ug/ml
19) T n-Tetratriacontane (C34)	19.652	1918732	18.063 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	1926450	18.277 ug/ml
21) T n-Octatriacontane (C38)	21.121	1861439	18.430 ug/ml
22) T n-Tetracontane (C40)	22.014	2025049	20.375 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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