

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014384.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 10:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:24:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 2024
 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)	11.814	2982209	21.174 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
12) S 1-chlorooctadecane (S...	13.256	1980900	21.187 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
Target Compounds			
1) T n-Nonane (C9)	3.216	2705050	20.930 ug/ml
2) T n-Decane (C10)	4.464	2763589	21.092 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2748418	21.585 ug/ml
4) T n-Dodecane (C12)	6.630	2797317	21.152 ug/ml
5) T A~2-methylnaphthalene...	7.254	2537815	21.905 ug/ml
6) T n-Tetradecane (C14)	8.456	2749018	21.355 ug/ml
7) T n-Hexadecane (C16)	10.062	2788262	21.535 ug/ml
8) T n-Octadecane (C18)	11.504	2848712	21.575 ug/ml
10) T n-Eicosane (C20)	12.813	2689771	21.401 ug/ml
11) T n-Heneicosane (C21)	13.425	2626198	21.412 ug/ml
13) T n-Docosane (C22)	14.012	2570346	21.448 ug/ml
14) T n-Tetracosane (C24)	15.115	2487233	21.282 ug/ml
15) T n-Hexacosane (C26)	16.137	2387541	21.124 ug/ml
16) T n-Octacosane (C28)	17.087	2279527	20.679 ug/ml
17) T n-Tricontane (C30)	17.974	2253974	20.194 ug/ml
18) T n-Dotriacontane (C32)	18.807	2124129	19.353 ug/ml
19) T n-Tetratriacontane (C34)	19.589	1914366	18.650 ug/mlm
20) T n-Hexatriacontane (C36)	20.329	1596863	17.887 ug/mlm
21) T n-Octatriacontane (C38)	21.050	1162680	16.883 ug/ml
22) T n-Tetracontane (C40)	21.929	681349	15.230 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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