

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062623AL\
 Data File : FF013004.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 12:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 27 02:29:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:45:06 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)	10.872	2817860	19.097 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	12.304	1994137	18.822 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	2.741	2403539	20.362 ug/ml
2) T n-Decane (C10)	3.748	2430651	20.406 ug/ml
3) T A~Naphthalene (C11.7)	5.312	2492838	20.270 ug/ml
4) T n-Dodecane (C12)	5.732	2428970	20.130 ug/ml
5) T A~2-methylnaphthalene...	6.361	2274731	20.416 ug/ml
6) T n-Tetradecane (C14)	7.519	2363357	20.161 ug/ml
7) T n-Hexadecane (C16)	9.115	2409606	19.749 ug/ml
8) T n-Octadecane (C18)	10.553	2451153	19.280 ug/ml
10) T n-Eicosane (C20)	11.860	2369432	18.990 ug/ml
11) T n-Heneicosane (C21)	12.469	2332217	19.022 ug/ml
13) T n-Docosane (C22)	13.054	2298803	18.764 ug/ml
14) T n-Tetracosane (C24)	14.155	2317847	18.885 ug/ml
15) T n-Hexacosane (C26)	15.173	2217396	18.432 ug/ml
16) T n-Octacosane (C28)	16.122	2174766	18.494 ug/ml
17) T n-Tricontane (C30)	17.006	2208670	18.546 ug/ml
18) T n-Dotriacontane (C32)	17.836	2182588	18.666 ug/ml
19) T n-Tetratriacontane (C34)	18.619	2119504	19.090 ug/ml
20) T n-Hexatriacontane (C36)	19.356	2016521	19.023 ug/ml
21) T n-Octatriacontane (C38)	20.079	2037828	19.502 ug/ml
22) T n-Tetracontane (C40)	20.960	1826320	18.851 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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