

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
 Data File : FE044749.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2023 01:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 10 02:41:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.915	3527677	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.356	2587094	19.017 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.299	2875452	17.711 ug/ml
2) T n-Decane (C10)	4.551	3010646	18.181 ug/ml
3) T A~Naphthalene (C11.7)	6.251	3258331	18.225 ug/ml
4) T n-Dodecane (C12)	6.716	3053856	18.360 ug/ml
5) T A~2-methylnaphthalene...	7.347	3147358	18.396 ug/ml
6) T n-Tetradecane (C14)	8.543	3036174	18.494 ug/ml
7) T n-Hexadecane (C16)	10.153	3149143	18.589 ug/ml
8) T n-Octadecane (C18)	11.600	3178080	18.718 ug/ml
10) T n-Eicosane (C20)	12.911	3025247	18.803 ug/ml
11) T n-Heneicosane (C21)	13.525	2936875	18.756 ug/ml
13) T n-Docosane (C22)	14.112	2921577	18.943 ug/ml
14) T n-Tetracosane (C24)	15.217	2897924	19.170 ug/ml
15) T n-Hexacosane (C26)	16.240	2840306	19.309 ug/ml
16) T n-Octacosane (C28)	17.192	2906153	20.263 ug/ml
17) T n-Tricontane (C30)	18.081	3249674	21.923 ug/ml
18) T n-Dotriacontane (C32)	18.916	3383177	22.854 ug/ml
19) T n-Tetratriacontane (C34)	19.700	3241405	22.180 ug/ml
20) T n-Hexatriacontane (C36)	20.443	3088489	21.292 ug/ml
21) T n-Octatriacontane (C38)	21.185	2977932	19.881 ug/ml
22) T n-Tetracontane (C40)	22.105	3032245	19.214 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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