

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044798.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 00:45
 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 10/12/2023
 Supervised By :Ankita Jodhani 10/12/2023

Integration File: sample.E
 Quant Time: Oct 12 01:16:55 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)	11.914	3384097	18.026 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
12) S 1-chlorooctadecane (S...	13.356	2478033	18.215 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.297	2775280	17.094 ug/ml
2) T n-Decane (C10)	4.549	2927378	17.678 ug/ml
3) T A~Naphthalene (C11.7)	6.250	3186228	17.821 ug/ml
4) T n-Dodecane (C12)	6.714	2977797	17.903 ug/ml
5) T A~2-methylnaphthalene...	7.346	3064161	17.910 ug/ml
6) T n-Tetradecane (C14)	8.541	2959941	18.030 ug/ml
7) T n-Hexadecane (C16)	10.152	3067892	18.110 ug/ml
8) T n-Octadecane (C18)	11.599	3079047	18.135 ug/ml
10) T n-Eicosane (C20)	12.911	2903028	18.044 ug/ml
11) T n-Heneicosane (C21)	13.524	2814619	17.975 ug/ml
13) T n-Docosane (C22)	14.112	2792891	18.108 ug/ml
14) T n-Tetracosane (C24)	15.216	2775021	18.357 ug/ml
15) T n-Hexacosane (C26)	16.238	2716136	18.465 ug/ml
16) T n-Octacosane (C28)	17.192	2837600	19.785 ug/ml
17) T n-Tricontane (C30)	18.080	3196296	21.563 ug/ml
18) T n-Dotriacontane (C32)	18.915	3403082	22.988 ug/ml
19) T n-Tetratriacontane (C34)	19.701	3271001	22.382 ug/ml
20) T n-Hexatriacontane (C36)	20.442	3055877	21.067 ug/ml
21) T n-Octatriacontane (C38)	21.183	2987543	19.945 ug/ml
22) T n-Tetracontane (C40)	22.104	3583470	22.707 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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