

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033123AL\
 Data File : FE041098.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2023 11:04
 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 04/03/2023
 Supervised By :Ankita Jodhani 04/03/2023

Integration File: autoint1.e
 Quant Time: Apr 01 01:19:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.850	3845329	20.460 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
12) S 1-chlorooctadecane (S...	13.289	2939387	20.429 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.250	3546013	20.437 ug/ml
2) T n-Decane (C10)	4.496	3521998	20.691 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3843929	21.015 ug/ml
4) T n-Dodecane (C12)	6.661	3579031	20.633 ug/ml
5) T A~2-methylnaphthalene...	7.293	3607516	21.783 ug/ml
6) T n-Tetradecane (C14)	8.487	3585747	20.565 ug/ml
7) T n-Hexadecane (C16)	10.093	3629396	20.407 ug/ml
8) T n-Octadecane (C18)	11.535	3655954	20.476 ug/ml
10) T n-Eicosane (C20)	12.845	3499145	20.514 ug/ml
11) T n-Heneicosane (C21)	13.457	3452795	20.408 ug/ml
13) T n-Docosane (C22)	14.043	3419412	20.663 ug/ml
14) T n-Tetracosane (C24)	15.147	3397055	20.997 ug/ml
15) T n-Hexacosane (C26)	16.169	3293339	21.245 ug/ml
16) T n-Octacosane (C28)	17.119	3284851	21.444 ug/ml
17) T n-Tricontane (C30)	18.009	3287850	21.510 ug/ml
18) T n-Dotriacontane (C32)	18.843	3305489	21.172 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3217042	20.759 ug/mlm
20) T n-Hexatriacontane (C36)	20.368	3094430	20.372 ug/ml
21) T n-Octatriacontane (C38)	21.094	3149253	20.159 ug/mlm
22) T n-Tetracontane (C40)	21.978	3290474	20.616 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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