

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050423AL\
 Data File : FE041729.D
 Signal(s) : FID1B.ch
 Acq On : 04 May 2023 12:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2023
 Supervised By :Ankita Jodhani 05/05/2023

Integration File: autoint1.e
 Quant Time: May 05 01:17:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.978	3817055	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.414	2807710	19.875 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.353	3074428	20.915 ug/ml
2) T n-Decane (C10)	4.607	3197223	21.318 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3523552	21.292 ug/ml
4) T n-Dodecane (C12)	6.776	3221156	21.186 ug/ml
5) T A~2-methylnaphthalene...	7.411	3434073	21.297 ug/ml
6) T n-Tetradecane (C14)	8.605	3215567	21.168 ug/ml
7) T n-Hexadecane (C16)	10.214	3347366	20.976 ug/ml
8) T n-Octadecane (C18)	11.658	3392404	20.696 ug/ml
10) T n-Eicosane (C20)	12.969	3254407	20.233 ug/ml
11) T n-Heneicosane (C21)	13.581	3190556	20.020 ug/ml
13) T n-Docosane (C22)	14.167	3156102	19.809 ug/ml
14) T n-Tetracosane (C24)	15.270	3110360	19.293 ug/ml
15) T n-Hexacosane (C26)	16.291	2986027	18.887 ug/ml
16) T n-Octacosane (C28)	17.242	2902723	18.865 ug/ml
17) T n-Tricontane (C30)	18.129	2938914	19.296 ug/ml
18) T n-Dotriacontane (C32)	18.963	2873835	19.290 ug/ml
19) T n-Tetratriacontane (C34)	19.747	2802398	19.893 ug/ml
20) T n-Hexatriacontane (C36)	20.487	2734195	20.446 ug/mlm
21) T n-Octatriacontane (C38)	21.241	2925755	22.142 ug/ml
22) T n-Tetracontane (C40)	22.182	2940254	23.223 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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