

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041891.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2023 19:43
 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 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 12 20:53:04 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)	11.972	3577111	19.067 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	13.408	2658870	18.821 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.349	2766662	18.821 ug/ml
2) T n-Decane (C10)	4.603	2920755	19.474 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3215604	19.431 ug/ml
4) T n-Dodecane (C12)	6.771	2959523	19.465 ug/ml
5) T A~2-methylnaphthalene...	7.406	3149259	19.531 ug/ml
6) T n-Tetradecane (C14)	8.600	2989746	19.682 ug/ml
7) T n-Hexadecane (C16)	10.209	3122250	19.565 ug/ml
8) T n-Octadecane (C18)	11.653	3190564	19.465 ug/ml
10) T n-Eicosane (C20)	12.963	3071649	19.097 ug/ml
11) T n-Heneicosane (C21)	13.575	3008143	18.875 ug/ml
13) T n-Docosane (C22)	14.162	2994612	18.795 ug/ml
14) T n-Tetracosane (C24)	15.264	2987234	18.529 ug/ml
15) T n-Hexacosane (C26)	16.285	2881388	18.225 ug/mlm
16) T n-Octacosane (C28)	17.236	2881916	18.729 ug/mlm
17) T n-Tricontane (C30)	18.124	3097334	20.337 ug/ml
18) T n-Dotriacontane (C32)	18.956	3095291	20.777 ug/mlm
19) T n-Tetratriacontane (C34)	19.741	2949844	20.939 ug/ml
20) T n-Hexatriacontane (C36)	20.482	2770919	20.720 ug/mlm
21) T n-Octatriacontane (C38)	21.233	2855389	21.610 ug/mlm
22) T n-Tetracontane (C40)	22.173	2690896	21.253 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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