

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041660.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 07:24
 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 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 07:51:17 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)	11.985	3642245	19.414 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
12) S 1-chlorooctadecane (S...	13.421	2706001	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.356	2910499	19.800 ug/ml
2) T n-Decane (C10)	4.610	3016469	20.113 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3334538	20.150 ug/ml
4) T n-Dodecane (C12)	6.780	3059522	20.123 ug/ml
5) T A~2-methylnaphthalene...	7.417	3254624	20.184 ug/ml
6) T n-Tetradecane (C14)	8.611	3064679	20.175 ug/ml
7) T n-Hexadecane (C16)	10.220	3190538	19.993 ug/ml
8) T n-Octadecane (C18)	11.665	3234094	19.731 ug/ml
10) T n-Eicosane (C20)	12.976	3108035	19.323 ug/ml
11) T n-Heneicosane (C21)	13.589	3049962	19.138 ug/ml
13) T n-Docosane (C22)	14.175	3030813	19.022 ug/ml
14) T n-Tetracosane (C24)	15.279	3016495	18.710 ug/ml
15) T n-Hexacosane (C26)	16.301	2902285	18.358 ug/ml
16) T n-Octacosane (C28)	17.252	2827223	18.374 ug/ml
17) T n-Tricontane (C30)	18.141	2876797	18.889 ug/ml
18) T n-Dotriacontane (C32)	18.974	2832824	19.015 ug/ml
19) T n-Tetratriacontane (C34)	19.759	2704459	19.197 ug/ml
20) T n-Hexatriacontane (C36)	20.499	2648643	19.806 ug/mlm
21) T n-Octatriacontane (C38)	21.257	2726661	20.635 ug/mlm
22) T n-Tetracontane (C40)	22.202	2846659	22.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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