

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049034.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 08:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e
 Quant Time: Jul 11 04:11:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.923	2820828	16.870 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
12) S 1-chlorooctadecane (S...	13.358	2149063	16.713 ug/ml
Spiked Amount 50.000		Recovery =	33.43%
Target Compounds			
1) T n-Nonane (C9)	3.313	2706711	18.004 ug/ml
2) T n-Decane (C10)	4.561	2822973	18.344 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2844638	17.919 ug/ml
4) T n-Dodecane (C12)	6.727	2815603	18.239 ug/ml
5) T A~2-methylnaphthalene...	7.364	2716668	17.939 ug/ml
6) T n-Tetradecane (C14)	8.555	2752163	17.957 ug/ml
7) T n-Hexadecane (C16)	10.162	2792094	17.857 ug/ml
8) T n-Octadecane (C18)	11.604	2781372	17.440 ug/ml
10) T n-Eicosane (C20)	12.913	2645134	17.061 ug/ml
11) T n-Heneicosane (C21)	13.525	2593011	17.030 ug/ml
13) T n-Docosane (C22)	14.111	2571729	17.005 ug/ml
14) T n-Tetracosane (C24)	15.214	2592720	17.253 ug/mlm
15) T n-Hexacosane (C26)	16.233	2567062	17.388 ug/ml
16) T n-Octacosane (C28)	17.183	2562086	17.766 ug/ml
17) T n-Tricontane (C30)	18.070	2702839	18.475 ug/ml
18) T n-Dotriacontane (C32)	18.901	2707179	18.934 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2654212	19.182 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2583476	19.878 ug/ml
21) T n-Octatriacontane (C38)	21.158	2626406	20.488 ug/ml
22) T n-Tetracontane (C40)	22.068	2737977	22.358 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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