

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101823AL\
 Data File : FE044913.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2023 07:21
 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 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 18 08:07:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.903	3868586	19.298 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	13.344	2821728	19.068 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.287	3261521	19.442 ug/ml
2) T n-Decane (C10)	4.539	3314146	19.455 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3615209	19.529 ug/ml
4) T n-Dodecane (C12)	6.704	3354081	19.430 ug/ml
5) T A~2-methylnaphthalene...	7.335	3501880	19.413 ug/ml
6) T n-Tetradecane (C14)	8.531	3350889	19.541 ug/ml
7) T n-Hexadecane (C16)	10.142	3409457	19.497 ug/ml
8) T n-Octadecane (C18)	11.588	3384999	19.408 ug/ml
10) T n-Eicosane (C20)	12.900	3236080	19.374 ug/ml
11) T n-Heneicosane (C21)	13.513	3139951	19.262 ug/ml
13) T n-Docosane (C22)	14.100	3124241	19.532 ug/ml
14) T n-Tetracosane (C24)	15.205	3146810	20.276 ug/ml
15) T n-Hexacosane (C26)	16.228	3102168	20.662 ug/ml
16) T n-Octacosane (C28)	17.179	3138914	21.376 ug/ml
17) T n-Tricontane (C30)	18.068	3245761	21.823 ug/ml
18) T n-Dotriacontane (C32)	18.902	3272769	21.805 ug/ml
19) T n-Tetratriacontane (C34)	19.687	3123158	20.980 ug/ml
20) T n-Hexatriacontane (C36)	20.427	3173326	20.641 ug/mlm
21) T n-Octatriacontane (C38)	21.167	3162595	20.246 ug/mlm
22) T n-Tetracontane (C40)	22.084	3277248	19.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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