

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044607.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 06:25
 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 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 08:53:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.923	3965475	21.122 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
12) S 1-chlorooctadecane (S...	13.364	2941450	21.621 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T n-Nonane (C9)	3.305	3264258	20.106 ug/ml
2) T n-Decane (C10)	4.556	3348148	20.220 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3640494	20.362 ug/ml
4) T n-Dodecane (C12)	6.721	3397172	20.424 ug/ml
5) T A~2-methylnaphthalene...	7.353	3550935	20.755 ug/ml
6) T n-Tetradecane (C14)	8.549	3373402	20.549 ug/ml
7) T n-Hexadecane (C16)	10.161	3444361	20.332 ug/ml
8) T n-Octadecane (C18)	11.607	3447485	20.305 ug/ml
10) T n-Eicosane (C20)	12.920	3318811	20.628 ug/ml
11) T n-Heneicosane (C21)	13.532	3243428	20.713 ug/ml
13) T n-Docosane (C22)	14.120	3211789	20.824 ug/ml
14) T n-Tetracosane (C24)	15.225	3117044	20.620 ug/ml
15) T n-Hexacosane (C26)	16.249	3040280	20.669 ug/ml
16) T n-Octacosane (C28)	17.201	3016829	21.035 ug/ml
17) T n-Tricontane (C30)	18.091	3132689	21.134 ug/ml
18) T n-Dotriacontane (C32)	18.926	3189148	21.543 ug/ml
19) T n-Tetratriacontane (C34)	19.713	3104521	21.243 ug/ml
20) T n-Hexatriacontane (C36)	20.456	3112015	21.454 ug/ml
21) T n-Octatriacontane (C38)	21.201	3145481	20.999 ug/ml
22) T n-Tetracontane (C40)	22.129	3273768	20.745 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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