

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033023AL\
 Data File : FE041095.D
 Signal(s) : FID1B.ch
 Acq On : 30 Mar 2023 11:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: sample.E
 Quant Time: Mar 30 14:50:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.850	3422211	18.209 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	13.289	2635727	18.319 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T n-Nonane (C9)	3.251	2838001	16.356 ug/ml
2) T n-Decane (C10)	4.498	2954209	17.356 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3277986	17.921 ug/ml
4) T n-Dodecane (C12)	6.661	3027085	17.451 ug/ml
5) T A~2-methylnaphthalene...	7.294	3120477	18.842 ug/ml
6) T n-Tetradecane (C14)	8.487	3077963	17.652 ug/ml
7) T n-Hexadecane (C16)	10.093	3179570	17.878 ug/ml
8) T n-Octadecane (C18)	11.536	3232002	18.101 ug/ml
10) T n-Eicosane (C20)	12.844	3106954	18.215 ug/ml
11) T n-Heneicosane (C21)	13.457	3089660	18.262 ug/ml
13) T n-Docosane (C22)	14.043	3047165	18.413 ug/ml
14) T n-Tetracosane (C24)	15.147	3035736	18.764 ug/ml
15) T n-Hexacosane (C26)	16.169	2951222	19.038 ug/ml
16) T n-Octacosane (C28)	17.120	3078895	20.100 ug/ml
17) T n-Tricontane (C30)	18.009	3440125	22.506 ug/ml
18) T n-Dotriacontane (C32)	18.842	3663945	23.468 ug/ml
19) T n-Tetratriacontane (C34)	19.625	3470263	22.393 ug/mlm
20) T n-Hexatriacontane (C36)	20.367	3202718	21.085 ug/ml
21) T n-Octatriacontane (C38)	21.094	3071061	19.659 ug/mlm
22) T n-Tetracontane (C40)	21.978	3032918	19.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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