

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041723AL\
 Data File : FE041397.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2023 23:42
 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 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File: autoint1.e
 Quant Time: Apr 18 01:04:17 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)	11.840	3564835	18.968 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.281	2748446	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.237	3285217	18.934 ug/ml
2) T n-Decane (C10)	4.484	3266625	19.191 ug/ml
3) T A~Naphthalene (C11.7)	6.187	3563077	19.480 ug/ml
4) T n-Dodecane (C12)	6.649	3352312	19.326 ug/ml
5) T A~2-methylnaphthalene...	7.284	3311844	19.997 ug/ml
6) T n-Tetradecane (C14)	8.476	3373198	19.346 ug/ml
7) T n-Hexadecane (C16)	10.083	3433279	19.304 ug/ml
8) T n-Octadecane (C18)	11.526	3431837	19.220 ug/ml
10) T n-Eicosane (C20)	12.836	3274889	19.199 ug/ml
11) T n-Heneicosane (C21)	13.448	3239649	19.149 ug/ml
13) T n-Docosane (C22)	14.036	3189560	19.274 ug/ml
14) T n-Tetracosane (C24)	15.141	3133971	19.371 ug/ml
15) T n-Hexacosane (C26)	16.164	3023788	19.506 ug/mlm
16) T n-Octacosane (C28)	17.115	3017101	19.696 ug/mlm
17) T n-Tricontane (C30)	18.003	3077566	20.134 ug/mlm
18) T n-Dotriacontane (C32)	18.839	3232980	20.707 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3208961	20.707 ug/ml
20) T n-Hexatriacontane (C36)	20.368	3113676	20.498 ug/mlm
21) T n-Octatriacontane (C38)	21.095	3232261	20.691 ug/ml
22) T n-Tetracontane (C40)	21.979	3582954	22.449 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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