

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040628.D
 Signal(s) : FID1B.ch
 Acq On : 02 Mar 2023 12:55
 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 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File: autoint1.e
 Quant Time: Mar 03 00:30:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.885	3675302	19.674 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.325	2847269	19.238 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.276	3182847	20.685 ug/ml
2) T n-Decane (C10)	4.524	3142839	20.890 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3504954	21.131 ug/ml
4) T n-Dodecane (C12)	6.691	3199327	20.899 ug/ml
5) T A~2-methylnaphthalene...	7.324	3268233	21.595 ug/ml
6) T n-Tetradecane (C14)	8.518	3234862	20.930 ug/ml
7) T n-Hexadecane (C16)	10.125	3354347	20.767 ug/ml
8) T n-Octadecane (C18)	11.569	3417178	20.125 ug/ml
10) T n-Eicosane (C20)	12.879	3327879	19.672 ug/ml
11) T n-Heneicosane (C21)	13.492	3323900	19.397 ug/ml
13) T n-Docosane (C22)	14.080	3266174	19.066 ug/ml
14) T n-Tetracosane (C24)	15.183	3193346	18.524 ug/ml
15) T n-Hexacosane (C26)	16.205	3067443	18.048 ug/ml
16) T n-Octacosane (C28)	17.157	2976613	17.749 ug/ml
17) T n-Tricontane (C30)	18.045	2919531	17.880 ug/ml
18) T n-Dotriacontane (C32)	18.879	2921355	17.069 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2806963	18.155 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2745447	18.898 ug/ml
21) T n-Octatriacontane (C38)	21.137	2616092	19.032 ug/ml
22) T n-Tetracontane (C40)	22.035	2787323	18.038 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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