

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032323AL\
 Data File : FE040984.D
 Signal(s) : FID1B.ch
 Acq On : 23 Mar 2023 21:07
 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 03/24/2023
 Supervised By :Ankita Jodhani 03/24/2023

Integration File: autoint1.e
 Quant Time: Mar 24 02:55:46 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)	11.872	3557170	19.041 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	13.311	2749495	18.577 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
Target Compounds			
1) T n-Nonane (C9)	3.265	3223699	20.950 ug/ml
2) T n-Decane (C10)	4.513	3286792	21.847 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3552885	21.420 ug/ml
4) T n-Dodecane (C12)	6.679	3313270	21.643 ug/ml
5) T A~2-methylnaphthalene...	7.313	3264281	21.569 ug/ml
6) T n-Tetradecane (C14)	8.506	3313094	21.436 ug/ml
7) T n-Hexadecane (C16)	10.113	3388493	20.979 ug/ml
8) T n-Octadecane (C18)	11.556	3410008	20.083 ug/ml
10) T n-Eicosane (C20)	12.866	3268744	19.322 ug/ml
11) T n-Heneicosane (C21)	13.478	3220430	18.793 ug/ml
13) T n-Docosane (C22)	14.065	3163494	18.466 ug/ml
14) T n-Tetracosane (C24)	15.169	3120884	18.103 ug/ml
15) T n-Hexacosane (C26)	16.192	3048887	17.939 ug/ml
16) T n-Octacosane (C28)	17.144	3092351	18.439 ug/mlm
17) T n-Tricontane (C30)	18.032	3277628	20.073 ug/mlm
18) T n-Dotriacontane (C32)	18.867	3533484	20.646 ug/ml
19) T n-Tetratriacontane (C34)	19.651	3268804	21.143 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3081947	21.214 ug/ml
21) T n-Octatriacontane (C38)	21.124	2854666	20.768 ug/mlm
22) T n-Tetracontane (C40)	22.015	3025212	19.578 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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