

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041355.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 09:04
 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 04/17/2023
 Supervised By :Ankita Jodhani 04/17/2023

Integration File: autoint1.e
 Quant Time: Apr 15 01:19:38 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)	11.838	3632847	19.330 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
12) S 1-chlorooctadecane (S...	13.278	2785727	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.236	3262537	18.803 ug/ml
2) T n-Decane (C10)	4.483	3232402	18.990 ug/ml
3) T A~Naphthalene (C11.7)	6.185	3507085	19.174 ug/ml
4) T n-Dodecane (C12)	6.648	3308549	19.074 ug/ml
5) T A~2-methylnaphthalene...	7.281	3289171	19.860 ug/ml
6) T n-Tetradecane (C14)	8.475	3342024	19.167 ug/ml
7) T n-Hexadecane (C16)	10.082	3430405	19.288 ug/ml
8) T n-Octadecane (C18)	11.523	3455395	19.352 ug/ml
10) T n-Eicosane (C20)	12.833	3315051	19.435 ug/ml
11) T n-Heneicosane (C21)	13.445	3306222	19.542 ug/ml
13) T n-Docosane (C22)	14.032	3238078	19.567 ug/ml
14) T n-Tetracosane (C24)	15.137	3158841	19.525 ug/ml
15) T n-Hexacosane (C26)	16.159	3043866	19.636 ug/ml
16) T n-Octacosane (C28)	17.110	2999708	19.583 ug/ml
17) T n-Tricontane (C30)	18.000	2994722	19.592 ug/ml
18) T n-Dotriacontane (C32)	18.833	3074701	19.693 ug/ml
19) T n-Tetratriacontane (C34)	19.619	3073009	19.830 ug/ml
20) T n-Hexatriacontane (C36)	20.359	3006972	19.796 ug/mlm
21) T n-Octatriacontane (C38)	21.087	3093253	19.801 ug/mlm
22) T n-Tetracontane (C40)	21.965	3218947	20.168 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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