

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041374.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 21:15
 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 04/17/2023
 Supervised By :Ankita Jodhani 04/17/2023

Integration File: autoint1.e
 Quant Time: Apr 15 01:23:27 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	3548672	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.278	2729314	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.236	3231517	18.624 ug/ml
2) T n-Decane (C10)	4.484	3188119	18.730 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3499576	19.133 ug/ml
4) T n-Dodecane (C12)	6.648	3264773	18.821 ug/ml
5) T A~2-methylnaphthalene...	7.282	3272993	19.763 ug/ml
6) T n-Tetradecane (C14)	8.475	3320701	19.045 ug/ml
7) T n-Hexadecane (C16)	10.082	3379420	19.001 ug/ml
8) T n-Octadecane (C18)	11.524	3392180	18.998 ug/ml
10) T n-Eicosane (C20)	12.834	3251821	19.064 ug/ml
11) T n-Heneicosane (C21)	13.446	3218583	19.024 ug/ml
13) T n-Docosane (C22)	14.033	3165138	19.126 ug/ml
14) T n-Tetracosane (C24)	15.137	3118718	19.277 ug/ml
15) T n-Hexacosane (C26)	16.159	3024463	19.511 ug/ml
16) T n-Octacosane (C28)	17.111	3014578	19.680 ug/ml
17) T n-Tricontane (C30)	18.000	3021080	19.764 ug/ml
18) T n-Dotriacontane (C32)	18.835	3100519	19.859 ug/ml
19) T n-Tetratriacontane (C34)	19.621	3089686	19.938 ug/ml
20) T n-Hexatriacontane (C36)	20.362	3042693	20.031 ug/mlm
21) T n-Octatriacontane (C38)	21.089	3180372	20.358 ug/ml
22) T n-Tetracontane (C40)	21.968	3324351	20.829 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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