

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723AL\
 Data File : FE041231.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 18:02
 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 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:01:57 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	3774199	20.082 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	13.280	2934006	20.392 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.241	3358627	19.357 ug/ml
2) T n-Decane (C10)	4.487	3380601	19.861 ug/ml
3) T A~Naphthalene (C11.7)	6.189	3728355	20.384 ug/ml
4) T n-Dodecane (C12)	6.651	3457609	19.933 ug/ml
5) T A~2-methylnaphthalene...	7.284	3487529	21.058 ug/ml
6) T n-Tetradecane (C14)	8.477	3495908	20.049 ug/ml
7) T n-Hexadecane (C16)	10.084	3597639	20.228 ug/ml
8) T n-Octadecane (C18)	11.526	3628741	20.323 ug/ml
10) T n-Eicosane (C20)	12.835	3492823	20.477 ug/ml
11) T n-Heneicosane (C21)	13.447	3454271	20.417 ug/ml
13) T n-Docosane (C22)	14.033	3423832	20.690 ug/ml
14) T n-Tetracosane (C24)	15.136	3413576	21.099 ug/ml
15) T n-Hexacosane (C26)	16.158	3323510	21.440 ug/ml
16) T n-Octacosane (C28)	17.109	3351746	21.881 ug/ml
17) T n-Tricontane (C30)	17.998	3501996	22.911 ug/ml
18) T n-Dotriacontane (C32)	18.832	3607213	23.104 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	3484335	22.484 ug/mlm
20) T n-Hexatriacontane (C36)	20.359	3325532	21.893 ug/ml
21) T n-Octatriacontane (C38)	21.084	3341886	21.392 ug/mlm
22) T n-Tetracontane (C40)	21.962	3463150	21.698 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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