

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090723AL\
 Data File : FE044143.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2023 01:48
 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 09/08/2023
 Supervised By :Ankita Jodhani 09/08/2023

Integration File: autoint1.e
 Quant Time: Sep 08 03:09:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.934	3941218	20.803 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
12) S 1-chlorooctadecane (S...	13.373	2973990	21.528 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
Target Compounds			
1) T n-Nonane (C9)	3.321	3249027	19.916 ug/ml
2) T n-Decane (C10)	4.573	3310736	19.919 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3589924	20.048 ug/ml
4) T n-Dodecane (C12)	6.737	3360259	19.981 ug/ml
5) T A~2-methylnaphthalene...	7.369	3503802	20.438 ug/ml
6) T n-Tetradecane (C14)	8.564	3369110	20.089 ug/ml
7) T n-Hexadecane (C16)	10.172	3430442	19.848 ug/ml
8) T n-Octadecane (C18)	11.617	3435130	19.734 ug/ml
10) T n-Eicosane (C20)	12.928	3329391	20.128 ug/ml
11) T n-Heneicosane (C21)	13.541	3261792	20.165 ug/ml
13) T n-Docosane (C22)	14.128	3236381	20.258 ug/ml
14) T n-Tetracosane (C24)	15.232	3191898	20.411 ug/ml
15) T n-Hexacosane (C26)	16.253	3090549	20.500 ug/ml
16) T n-Octacosane (C28)	17.204	3038295	21.054 ug/ml
17) T n-Tricontane (C30)	18.092	3137067	21.593 ug/ml
18) T n-Dotriacontane (C32)	18.926	3142314	22.060 ug/ml
19) T n-Tetratriacontane (C34)	19.710	2999510	21.434 ug/mlm
20) T n-Hexatriacontane (C36)	20.453	2903777	21.181 ug/ml
21) T n-Octatriacontane (C38)	21.196	2903287	20.915 ug/ml
22) T n-Tetracontane (C40)	22.117	3056735	22.108 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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