

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080823AL\
 Data File : FE043818.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 21:35
 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 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: sample.E
 Quant Time: Aug 09 02:01:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.944	3801026	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.383	2839263	18.195 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
Target Compounds			
1) T n-Nonane (C9)	3.329	3172863	19.648 ug/ml
2) T n-Decane (C10)	4.581	3252624	19.735 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3581754	19.672 ug/ml
4) T n-Dodecane (C12)	6.745	3309874	19.777 ug/ml
5) T A~2-methylnaphthalene...	7.377	3483538	19.567 ug/ml
6) T n-Tetradecane (C14)	8.573	3310233	19.647 ug/ml
7) T n-Hexadecane (C16)	10.182	3406843	19.313 ug/ml
8) T n-Octadecane (C18)	11.626	3429133	18.930 ug/ml
10) T n-Eicosane (C20)	12.938	3272787	18.494 ug/ml
11) T n-Heneicosane (C21)	13.552	3211137	18.136 ug/ml
13) T n-Docosane (C22)	14.138	3163675	18.037 ug/ml
14) T n-Tetracosane (C24)	15.243	3094597	17.613 ug/ml
15) T n-Hexacosane (C26)	16.265	2974091	17.208 ug/ml
16) T n-Octacosane (C28)	17.217	2838403	16.964 ug/ml
17) T n-Tricontane (C30)	18.105	2825721	17.061 ug/ml
18) T n-Dotriacontane (C32)	18.939	2746215	17.393 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2648415	17.823 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	2569311	18.381 ug/mlm
21) T n-Octatriacontane (C38)	21.209	2534811	19.001 ug/mlm
22) T n-Tetracontane (C40)	22.140	2688593	20.837 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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