

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038954.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2022 13:34
 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 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:01:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.955	3009282	19.236 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.390	2311408	19.144 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.348	2673465	18.861 ug/ml
2) T n-Decane (C10)	4.598	2640090	18.942 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3042693	19.130 ug/ml
4) T n-Dodecane (C12)	6.762	2672658	18.961 ug/ml
5) T A~2-methylnaphthalene...	7.396	2857131	19.090 ug/ml
6) T n-Tetradecane (C14)	8.588	2720878	19.051 ug/ml
7) T n-Hexadecane (C16)	10.194	2802376	19.167 ug/ml
8) T n-Octadecane (C18)	11.637	2822977	19.184 ug/ml
10) T n-Eicosane (C20)	12.945	2727649	19.214 ug/ml
11) T n-Heneicosane (C21)	13.557	2730942	19.219 ug/ml
13) T n-Docosane (C22)	14.143	2683380	19.196 ug/ml
14) T n-Tetracosane (C24)	15.246	2649233	19.183 ug/ml
15) T n-Hexacosane (C26)	16.267	2593810	19.312 ug/ml
16) T n-Octacosane (C28)	17.216	2622413	19.747 ug/ml
17) T n-Tricontane (C30)	18.103	2722042	20.612 ug/ml
18) T n-Dotriacontane (C32)	18.937	2796213	20.966 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2763600	20.885 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2654166	20.660 ug/ml
21) T n-Octatriacontane (C38)	21.203	2707228	20.660 ug/ml
22) T n-Tetracontane (C40)	22.130	2650150	19.462 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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