

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038716.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 17:15
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:46:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.962	3156709	18.345 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.395	2481605	18.127 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.357	3000396	19.482 ug/ml
2) T n-Decane (C10)	4.606	3062310	19.729 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3285690	19.401 ug/ml
4) T n-Dodecane (C12)	6.769	3066758	19.631 ug/ml
5) T A~2-methylnaphthalene...	7.404	3217190	19.197 ug/ml
6) T n-Tetradecane (C14)	8.595	3045065	19.471 ug/ml
7) T n-Hexadecane (C16)	10.201	3033645	19.202 ug/ml
8) T n-Octadecane (C18)	11.643	3009759	18.790 ug/ml
10) T n-Eicosane (C20)	12.951	2946639	18.288 ug/ml
11) T n-Heneicosane (C21)	13.562	2917526	18.061 ug/ml
13) T n-Docosane (C22)	14.148	2906360	18.003 ug/ml
14) T n-Tetracosane (C24)	15.250	2886375	17.995 ug/ml
15) T n-Hexacosane (C26)	16.270	2842395	17.895 ug/ml
16) T n-Octacosane (C28)	17.219	2907657	18.533 ug/ml
17) T n-Tricontane (C30)	18.105	3173504	19.889 ug/mlm
18) T n-Dotriacontane (C32)	18.940	3313886	21.018 ug/ml
19) T n-Tetratriacontane (C34)	19.723	3140972	21.306 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	3100066	21.696 ug/ml
21) T n-Octatriacontane (C38)	21.203	3041291	22.517 ug/ml
22) T n-Tetracontane (C40)	22.132	2908706	23.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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