

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044972.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2023 05:50
 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 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File: autoint1.e
 Quant Time: Oct 21 06:12:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.900	3813050	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.342	2758129	18.638 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.283	3282930	19.570 ug/ml
2) T n-Decane (C10)	4.535	3342311	19.620 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3546509	19.158 ug/ml
4) T n-Dodecane (C12)	6.701	3375429	19.554 ug/ml
5) T A~2-methylnaphthalene...	7.331	3401956	18.859 ug/ml
6) T n-Tetradecane (C14)	8.529	3325271	19.392 ug/ml
7) T n-Hexadecane (C16)	10.139	3357441	19.200 ug/ml
8) T n-Octadecane (C18)	11.585	3331477	19.101 ug/ml
10) T n-Eicosane (C20)	12.897	3171539	18.988 ug/ml
11) T n-Heneicosane (C21)	13.511	3054597	18.738 ug/ml
13) T n-Docosane (C22)	14.097	3076542	19.234 ug/mlm
14) T n-Tetracosane (C24)	15.203	3058142	19.705 ug/ml
15) T n-Hexacosane (C26)	16.225	3153450	21.004 ug/ml
16) T n-Octacosane (C28)	17.177	3259823	22.199 ug/ml
17) T n-Tricontane (C30)	18.066	3433568	23.086 ug/ml
18) T n-Dotriacontane (C32)	18.901	3513100	23.406 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3334242	22.398 ug/mlm
20) T n-Hexatriacontane (C36)	20.428	3284598	21.365 ug/ml
21) T n-Octatriacontane (C38)	21.168	3313735	21.213 ug/ml
22) T n-Tetracontane (C40)	22.085	3384797	20.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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