

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101923AL\
 Data File : FE044942.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 02:00
 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 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
 Quant Time: Oct 20 02:23:25 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	3699262	18.453 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	13.341	2679825	18.109 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.286	3213761	19.158 ug/ml
2) T n-Decane (C10)	4.537	3267916	19.183 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3474338	18.768 ug/ml
4) T n-Dodecane (C12)	6.702	3275454	18.975 ug/ml
5) T A~2-methylnaphthalene...	7.333	3341626	18.524 ug/ml
6) T n-Tetradecane (C14)	8.529	3222527	18.793 ug/ml
7) T n-Hexadecane (C16)	10.140	3249533	18.583 ug/ml
8) T n-Octadecane (C18)	11.585	3224588	18.488 ug/ml
10) T n-Eicosane (C20)	12.897	3077646	18.426 ug/ml
11) T n-Heneicosane (C21)	13.510	2979162	18.276 ug/ml
13) T n-Docosane (C22)	14.097	3003683	18.778 ug/ml
14) T n-Tetracosane (C24)	15.203	3051963	19.665 ug/ml
15) T n-Hexacosane (C26)	16.225	3078330	20.504 ug/ml
16) T n-Octacosane (C28)	17.176	3176877	21.634 ug/ml
17) T n-Tricontane (C30)	18.067	3318239	22.311 ug/ml
18) T n-Dotriacontane (C32)	18.901	3370054	22.453 ug/ml
19) T n-Tetratriacontane (C34)	19.685	3177013	21.342 ug/ml
20) T n-Hexatriacontane (C36)	20.425	3139377	20.420 ug/mlm
21) T n-Octatriacontane (C38)	21.167	3207227	20.531 ug/ml
22) T n-Tetracontane (C40)	22.080	3274599	19.594 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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