

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091923AL\
 Data File : FE044354.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2023 23:04
 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 09/20/2023
 Supervised By :Ankita Jodhani 09/20/2023

Integration File: autoint1.e
 Quant Time: Sep 20 01:42:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.931	3499108	18.470 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	13.370	2605685	18.862 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T n-Nonane (C9)	3.316	2958856	18.138 ug/ml
2) T n-Decane (C10)	4.568	3015468	18.142 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3274705	18.287 ug/ml
4) T n-Dodecane (C12)	6.733	3042980	18.094 ug/ml
5) T A~2-methylnaphthalene...	7.366	3185421	18.581 ug/ml
6) T n-Tetradecane (C14)	8.559	3016338	17.986 ug/ml
7) T n-Hexadecane (C16)	10.169	3053999	17.670 ug/ml
8) T n-Octadecane (C18)	11.614	3034465	17.432 ug/ml
10) T n-Eicosane (C20)	12.925	2916696	17.633 ug/ml
11) T n-Heneicosane (C21)	13.538	2852514	17.635 ug/ml
13) T n-Docosane (C22)	14.125	2802166	17.540 ug/ml
14) T n-Tetracosane (C24)	15.229	2738043	17.509 ug/ml
15) T n-Hexacosane (C26)	16.252	2666377	17.687 ug/ml
16) T n-Octacosane (C28)	17.202	2632087	18.239 ug/ml
17) T n-Tricontane (C30)	18.091	2773900	19.093 ug/ml
18) T n-Dotriacontane (C32)	18.925	2841672	19.949 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2801114	20.017 ug/mlm
20) T n-Hexatriacontane (C36)	20.454	2807470	20.478 ug/mlm
21) T n-Octatriacontane (C38)	21.198	2868723	20.666 ug/ml
22) T n-Tetracontane (C40)	22.122	3048045	22.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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