

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091624AL\
 Data File : FE050109.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2024 09:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e
 Quant Time: Sep 17 01:37:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.879	3272951	21.999 ug/ml
Spiked Amount 50.000		Recovery =	44.00%
12) S 1-chlorooctadecane (S...	13.313	2465086	21.946 ug/ml
Spiked Amount 50.000		Recovery =	43.89%
Target Compounds			
1) T n-Nonane (C9)	3.266	2959519	21.834 ug/ml
2) T n-Decane (C10)	4.516	3043339	22.051 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3144190	22.463 ug/ml
4) T n-Dodecane (C12)	6.684	3050191	22.058 ug/ml
5) T A~2-methylnaphthalene...	7.323	2961990	22.535 ug/ml
6) T n-Tetradecane (C14)	8.511	3015637	22.146 ug/ml
7) T n-Hexadecane (C16)	10.118	3092415	22.263 ug/ml
8) T n-Octadecane (C18)	11.559	3099760	22.125 ug/ml
10) T n-Eicosane (C20)	12.867	2956322	22.038 ug/ml
11) T n-Heneicosane (C21)	13.479	2897963	22.055 ug/ml
13) T n-Docosane (C22)	14.064	2870405	22.043 ug/ml
14) T n-Tetracosane (C24)	15.167	2868897	21.969 ug/ml
15) T n-Hexacosane (C26)	16.186	2833605	22.148 ug/ml
16) T n-Octacosane (C28)	17.135	2870375	22.284 ug/ml
17) T n-Tricontane (C30)	18.021	3031926	22.674 ug/ml
18) T n-Dotriacontane (C32)	18.854	3071470	23.049 ug/ml
19) T n-Tetratriacontane (C34)	19.635	2925331	23.675 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2654561	23.926 ug/ml
21) T n-Octatriacontane (C38)	21.102	2422686	21.969 ug/ml
22) T n-Tetracontane (C40)	21.996	2238128	20.568 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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