

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044961.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 23:13
 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 00:49:31 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)	11.901	3786072	18.886 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.343	2746967	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.284	3248370	19.364 ug/ml
2) T n-Decane (C10)	4.536	3317850	19.477 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3557205	19.216 ug/ml
4) T n-Dodecane (C12)	6.702	3348518	19.398 ug/ml
5) T A~2-methylnaphthalene...	7.332	3432283	19.027 ug/ml
6) T n-Tetradecane (C14)	8.530	3303189	19.263 ug/ml
7) T n-Hexadecane (C16)	10.140	3344428	19.125 ug/ml
8) T n-Octadecane (C18)	11.586	3310151	18.979 ug/ml
10) T n-Eicosane (C20)	12.898	3147804	18.846 ug/ml
11) T n-Heneicosane (C21)	13.510	3039331	18.645 ug/ml
13) T n-Docosane (C22)	14.098	3056780	19.110 ug/ml
14) T n-Tetracosane (C24)	15.203	3095595	19.946 ug/ml
15) T n-Hexacosane (C26)	16.226	3121923	20.794 ug/ml
16) T n-Octacosane (C28)	17.178	3220689	21.933 ug/ml
17) T n-Tricontane (C30)	18.067	3385193	22.761 ug/ml
18) T n-Dotriacontane (C32)	18.902	3426950	22.832 ug/ml
19) T n-Tetratriacontane (C34)	19.687	3226080	21.671 ug/ml
20) T n-Hexatriacontane (C36)	20.429	3351167	21.798 ug/ml
21) T n-Octatriacontane (C38)	21.169	3484678	22.308 ug/mlm
22) T n-Tetracontane (C40)	22.087	3340169	19.986 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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