

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101823AL\
 Data File : FE044917.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2023 11:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 18 12:24:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.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	3940312	19.656 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.343	2869839	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.287	3156761	18.818 ug/ml
2) T n-Decane (C10)	4.539	3314950	19.460 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3613521	19.520 ug/ml
4) T n-Dodecane (C12)	6.704	3357893	19.452 ug/ml
5) T A~2-methylnaphthalene...	7.335	3514557	19.483 ug/ml
6) T n-Tetradecane (C14)	8.531	3338574	19.469 ug/ml
7) T n-Hexadecane (C16)	10.141	3416991	19.540 ug/ml
8) T n-Octadecane (C18)	11.587	3424100	19.632 ug/ml
10) T n-Eicosane (C20)	12.899	3285408	19.670 ug/ml
11) T n-Heneicosane (C21)	13.512	3194978	19.600 ug/ml
13) T n-Docosane (C22)	14.098	3153224	19.713 ug/ml
14) T n-Tetracosane (C24)	15.203	3103106	19.995 ug/ml
15) T n-Hexacosane (C26)	16.225	3027868	20.168 ug/ml
16) T n-Octacosane (C28)	17.177	3077378	20.957 ug/ml
17) T n-Tricontane (C30)	18.067	3298721	22.179 ug/ml
18) T n-Dotriacontane (C32)	18.900	3467304	23.101 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3322461	22.319 ug/ml
20) T n-Hexatriacontane (C36)	20.425	3323679	21.619 ug/mlm
21) T n-Octatriacontane (C38)	21.164	3295126	21.094 ug/ml
22) T n-Tetracontane (C40)	22.080	3383575	20.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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