

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091523AL\
 Data File : FE044300.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2023 06:41
 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 09/15/2023
 Supervised By :Ankita Jodhani 09/15/2023

Integration File: autoint1.e
 Quant Time: Sep 15 08:33:26 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)	11.929	3288200	17.357 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
12) S 1-chlorooctadecane (S...	13.368	2466692	17.856 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
Target Compounds			
1) T n-Nonane (C9)	3.316	2530997	15.515 ug/ml
2) T n-Decane (C10)	4.567	2698915	16.238 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2933038	16.379 ug/ml
4) T n-Dodecane (C12)	6.732	2753689	16.374 ug/ml
5) T A~2-methylnaphthalene...	7.364	2888635	16.850 ug/ml
6) T n-Tetradecane (C14)	8.558	2759030	16.452 ug/ml
7) T n-Hexadecane (C16)	10.167	2845411	16.463 ug/ml
8) T n-Octadecane (C18)	11.612	2860221	16.431 ug/ml
10) T n-Eicosane (C20)	12.923	2758060	16.674 ug/ml
11) T n-Heneicosane (C21)	13.535	2696821	16.672 ug/ml
13) T n-Docosane (C22)	14.123	2665379	16.684 ug/ml
14) T n-Tetracosane (C24)	15.226	2606038	16.665 ug/ml
15) T n-Hexacosane (C26)	16.249	2559021	16.975 ug/ml
16) T n-Octacosane (C28)	17.199	2609487	18.082 ug/ml
17) T n-Tricontane (C30)	18.089	2919036	20.092 ug/ml
18) T n-Dotriacontane (C32)	18.922	3052362	21.428 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2862661	20.456 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2734283	19.945 ug/ml
21) T n-Octatriacontane (C38)	21.192	2660635	19.167 ug/ml
22) T n-Tetracontane (C40)	22.115	2713840	19.628 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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