

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071123AL\
 Data File : FE043168.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 03:05
 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 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: sample.E
 Quant Time: Jul 12 04:25:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.904	3723894	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	13.341	2750895	20.214 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.282	3251690	21.051 ug/ml
2) T n-Decane (C10)	4.535	3323521	21.041 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3488974	20.605 ug/ml
4) T n-Dodecane (C12)	6.705	3347924	20.916 ug/ml
5) T A~2-methylnaphthalene...	7.342	3310694	20.419 ug/ml
6) T n-Tetradecane (C14)	8.534	3314205	20.824 ug/ml
7) T n-Hexadecane (C16)	10.142	3389803	20.582 ug/ml
8) T n-Octadecane (C18)	11.586	3390462	20.398 ug/ml
10) T n-Eicosane (C20)	12.895	3220351	20.294 ug/ml
11) T n-Heneicosane (C21)	13.507	3141298	20.304 ug/ml
13) T n-Docosane (C22)	14.093	3094747	20.316 ug/ml
14) T n-Tetracosane (C24)	15.196	3021024	20.361 ug/ml
15) T n-Hexacosane (C26)	16.218	2922493	20.442 ug/ml
16) T n-Octacosane (C28)	17.169	2841570	20.488 ug/ml
17) T n-Tricontane (C30)	18.056	2898529	20.495 ug/ml
18) T n-Dotriacontane (C32)	18.889	2884465	20.565 ug/ml
19) T n-Tetratriacontane (C34)	19.672	2868471	20.961 ug/mlm
20) T n-Hexatriacontane (C36)	20.413	2902261	21.701 ug/mlm
21) T n-Octatriacontane (C38)	21.153	2703748	19.831 ug/ml
22) T n-Tetracontane (C40)	22.065	3399448	24.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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