

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041427.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 14:07
 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 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File: autoint1.e
 Quant Time: Apr 20 01:58:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.833	3541475	18.844 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.273	2792990	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.232	3185098	18.356 ug/ml
2) T n-Decane (C10)	4.478	3181251	18.689 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3491643	19.089 ug/ml
4) T n-Dodecane (C12)	6.644	3268928	18.845 ug/ml
5) T A~2-methylnaphthalene...	7.278	3263258	19.704 ug/ml
6) T n-Tetradecane (C14)	8.470	3298443	18.917 ug/ml
7) T n-Hexadecane (C16)	10.076	3394473	19.086 ug/ml
8) T n-Octadecane (C18)	11.519	3424246	19.178 ug/ml
10) T n-Eicosane (C20)	12.828	3282648	19.245 ug/ml
11) T n-Heneicosane (C21)	13.440	3232374	19.106 ug/ml
13) T n-Docosane (C22)	14.027	3172661	19.172 ug/ml
14) T n-Tetracosane (C24)	15.131	3211648	19.851 ug/ml
15) T n-Hexacosane (C26)	16.154	2992080	19.302 ug/ml
16) T n-Octacosane (C28)	17.105	2981821	19.466 ug/ml
17) T n-Tricontane (C30)	17.994	3058702	20.010 ug/ml
18) T n-Dotriacontane (C32)	18.828	3165828	20.277 ug/ml
19) T n-Tetratriacontane (C34)	19.614	3156537	20.369 ug/ml
20) T n-Hexatriacontane (C36)	20.355	3062989	20.165 ug/mlm
21) T n-Octatriacontane (C38)	21.082	3178904	20.349 ug/ml
22) T n-Tetracontane (C40)	21.960	3246857	20.343 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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