

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
 Data File : FE042238.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 06:00
 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 05/26/2023
 Supervised By :Ankita Jodhani 05/26/2023

Integration File: autoint1.e
 Quant Time: May 26 06:42:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.967	3642557	20.629 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	13.402	2662092	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.348	3076092	21.332 ug/ml
2) T n-Decane (C10)	4.599	3152993	21.299 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3467289	21.251 ug/ml
4) T n-Dodecane (C12)	6.766	3194917	21.306 ug/ml
5) T A~2-methylnaphthalene...	7.404	3338322	21.035 ug/ml
6) T n-Tetradecane (C14)	8.595	3163545	21.117 ug/ml
7) T n-Hexadecane (C16)	10.203	3258806	20.921 ug/ml
8) T n-Octadecane (C18)	11.647	3263575	20.638 ug/ml
10) T n-Eicosane (C20)	12.956	3098796	20.443 ug/ml
11) T n-Heneicosane (C21)	13.569	3011889	20.330 ug/ml
13) T n-Docosane (C22)	14.155	2972693	20.278 ug/ml
14) T n-Tetracosane (C24)	15.258	2895618	20.059 ug/ml
15) T n-Hexacosane (C26)	16.280	2816013	20.333 ug/ml
16) T n-Octacosane (C28)	17.229	2772312	20.707 ug/ml
17) T n-Tricontane (C30)	18.117	2886338	21.382 ug/ml
18) T n-Dotriacontane (C32)	18.949	2861622	21.421 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2668369	20.290 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2969569	22.848 ug/mlm
21) T n-Octatriacontane (C38)	21.226	2766456	20.391 ug/ml
22) T n-Tetracontane (C40)	22.161	2670090	19.193 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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