

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042624AL\
 Data File : FE047817.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2024 08:39
 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 04/29/2024
 Supervised By :mohammad ahmed 05/01/2024

Integration File: autoint1.e
 Quant Time: Apr 26 23:34:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.978	3327448	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.412	2581902	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.357	3009446	19.236 ug/ml
2) T n-Decane (C10)	4.610	3061599	19.049 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3251929	19.179 ug/ml
4) T n-Dodecane (C12)	6.776	3085889	19.013 ug/ml
5) T A~2-methylnaphthalene...	7.415	3138168	19.109 ug/ml
6) T n-Tetradecane (C14)	8.605	3051388	18.968 ug/ml
7) T n-Hexadecane (C16)	10.213	3173147	19.107 ug/ml
8) T n-Octadecane (C18)	11.656	3209458	19.138 ug/ml
10) T n-Eicosane (C20)	12.966	3096769	19.115 ug/ml
11) T n-Heneicosane (C21)	13.578	3044137	19.185 ug/ml
13) T n-Docosane (C22)	14.164	3044047	18.968 ug/ml
14) T n-Tetracosane (C24)	15.267	3062646	18.554 ug/ml
15) T n-Hexacosane (C26)	16.287	3037053	18.373 ug/ml
16) T n-Octacosane (C28)	17.236	3011770	18.174 ug/ml
17) T n-Tricontane (C30)	18.123	3091887	18.212 ug/ml
18) T n-Dotriacontane (C32)	18.957	3100450	18.593 ug/ml
19) T n-Tetratriacontane (C34)	19.738	3110133	19.391 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3141371	19.695 ug/mlm
21) T n-Octatriacontane (C38)	21.221	3152846	19.399 ug/mlm
22) T n-Tetracontane (C40)	22.151	3072361	18.765 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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