

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110624AL\
 Data File : FE051072.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 15:21
 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 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 03:16:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.851	3334024	21.148 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	13.284	2541782	21.487 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
Target Compounds			
1) T n-Nonane (C9)	3.239	3082840	21.819 ug/ml
2) T n-Decane (C10)	4.490	3152271	21.971 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3029626	21.188 ug/ml
4) T n-Dodecane (C12)	6.657	3166959	22.003 ug/ml
5) T A~2-methylnaphthalene...	7.298	2843562	21.464 ug/ml
6) T n-Tetradecane (C14)	8.484	3106499	21.714 ug/ml
7) T n-Hexadecane (C16)	10.089	3165705	21.511 ug/ml
8) T n-Octadecane (C18)	11.530	3179678	21.287 ug/ml
10) T n-Eicosane (C20)	12.837	3036885	21.178 ug/ml
11) T n-Heneicosane (C21)	13.448	2971521	21.160 ug/ml
13) T n-Docosane (C22)	14.034	2951733	21.039 ug/ml
14) T n-Tetracosane (C24)	15.135	2949142	20.875 ug/ml
15) T n-Hexacosane (C26)	16.155	2958504	21.025 ug/ml
16) T n-Octacosane (C28)	17.104	2975939	20.337 ug/ml
17) T n-Tricontane (C30)	17.990	3105603	19.532 ug/ml
18) T n-Dotriacontane (C32)	18.821	3114486	19.212 ug/ml
19) T n-Tetratriacontane (C34)	19.603	2840365	19.337 ug/mlm
20) T n-Hexatriacontane (C36)	20.340	2560688	20.192 ug/mlm
21) T n-Octatriacontane (C38)	21.066	2320533	18.767 ug/mlm
22) T n-Tetracontane (C40)	21.943	2009370	18.045 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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