

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050832.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 11:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:34:55 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)	11.856	2977158	18.884 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.289	2273023	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.247	2642863	18.705 ug/ml
2) T n-Decane (C10)	4.496	2710284	18.890 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2644095	18.491 ug/ml
4) T n-Dodecane (C12)	6.662	2728009	18.953 ug/ml
5) T A~2-methylnaphthalene...	7.303	2494722	18.831 ug/ml
6) T n-Tetradecane (C14)	8.489	2715556	18.981 ug/ml
7) T n-Hexadecane (C16)	10.094	2819087	19.155 ug/ml
8) T n-Octadecane (C18)	11.536	2853564	19.104 ug/mlm
10) T n-Eicosane (C20)	12.843	2756917	19.225 ug/mlm
11) T n-Heneicosane (C21)	13.454	2683536	19.109 ug/ml
13) T n-Docosane (C22)	14.038	2743542	19.555 ug/mlm
14) T n-Tetracosane (C24)	15.140	2866349	20.289 ug/mlm
15) T n-Hexacosane (C26)	16.161	2956722	21.012 ug/mlm
16) T n-Octacosane (C28)	17.110	3162861	21.615 ug/ml
17) T n-Tricontane (C30)	17.997	3508105	22.063 ug/ml
18) T n-Dotriacontane (C32)	18.828	3532956	21.793 ug/ml
19) T n-Tetratriacontane (C34)	19.610	3196683	21.762 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2571902	20.281 ug/ml
21) T n-Octatriacontane (C38)	21.073	2271468	18.371 ug/ml
22) T n-Tetracontane (C40)	21.958	1962555	17.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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