

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050703.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 19:18
 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 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 02:58:31 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)	11.860	3244800	20.582 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	13.293	2466057	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T n-Nonane (C9)	3.248	2964372	20.981 ug/ml
2) T n-Decane (C10)	4.499	3036614	21.165 ug/ml
3) T A~Naphthalene (C11.7)	6.209	3076416	21.515 ug/ml
4) T n-Dodecane (C12)	6.666	3072698	21.348 ug/ml
5) T A~2-methylnaphthalene...	7.305	2874441	21.697 ug/ml
6) T n-Tetradecane (C14)	8.493	3040391	21.252 ug/ml
7) T n-Hexadecane (C16)	10.098	3111950	21.145 ug/ml
8) T n-Octadecane (C18)	11.540	3111933	20.834 ug/ml
10) T n-Eicosane (C20)	12.847	2959988	20.641 ug/ml
11) T n-Heneicosane (C21)	13.458	2893017	20.601 ug/ml
13) T n-Docosane (C22)	14.043	2867167	20.437 ug/ml
14) T n-Tetracosane (C24)	15.144	2874975	20.350 ug/ml
15) T n-Hexacosane (C26)	16.164	2863309	20.348 ug/ml
16) T n-Octacosane (C28)	17.114	2864960	19.579 ug/ml
17) T n-Tricontane (C30)	18.000	3066316	19.285 ug/ml
18) T n-Dotriacontane (C32)	18.831	3060160	18.877 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2802360	19.078 ug/ml
20) T n-Hexatriacontane (C36)	20.354	2572423	20.285 ug/ml
21) T n-Octatriacontane (C38)	21.079	2321505	18.775 ug/ml
22) T n-Tetracontane (C40)	21.966	1917244	17.218 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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