

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061323AL\
 Data File : FE042596.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2023 01:25
 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 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File: autoint1.e
 Quant Time: Jun 14 02:14:10 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)	11.940	3400842	19.260 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.377	2515211	18.929 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.320	2816083	19.529 ug/ml
2) T n-Decane (C10)	4.571	2983519	20.154 ug/ml
3) T A~Naphthalene (C11.7)	6.280	3231058	19.803 ug/ml
4) T n-Dodecane (C12)	6.740	3026315	20.182 ug/ml
5) T A~2-methylnaphthalene...	7.377	3099546	19.531 ug/ml
6) T n-Tetradecane (C14)	8.569	3012931	20.112 ug/ml
7) T n-Hexadecane (C16)	10.177	3117077	20.011 ug/ml
8) T n-Octadecane (C18)	11.621	3129719	19.792 ug/ml
10) T n-Eicosane (C20)	12.930	2946170	19.436 ug/ml
11) T n-Heneicosane (C21)	13.543	2858757	19.296 ug/ml
13) T n-Docosane (C22)	14.128	2796309	19.075 ug/ml
14) T n-Tetracosane (C24)	15.232	2717283	18.823 ug/ml
15) T n-Hexacosane (C26)	16.254	2646467	19.108 ug/ml
16) T n-Octacosane (C28)	17.205	2675692	19.985 ug/ml
17) T n-Tricontane (C30)	18.093	2978409	22.064 ug/ml
18) T n-Dotriacontane (C32)	18.926	3083208	23.079 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2957155	22.486 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2848478	21.916 ug/mlm
21) T n-Octatriacontane (C38)	21.199	2870509	21.158 ug/mlm
22) T n-Tetracontane (C40)	22.125	2888542	20.763 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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