

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050323AL\
 Data File : FE041720.D
 Signal(s) : FID1B.ch
 Acq On : 04 May 2023 01:57
 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 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File: autoint1.e
 Quant Time: May 04 02:52:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.981	3772514	20.108 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
12) S 1-chlorooctadecane (S...	13.417	2781749	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.354	3027582	20.596 ug/ml
2) T n-Decane (C10)	4.608	3143294	20.958 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3471449	20.977 ug/ml
4) T n-Dodecane (C12)	6.778	3188972	20.974 ug/ml
5) T A~2-methylnaphthalene...	7.413	3390315	21.026 ug/ml
6) T n-Tetradecane (C14)	8.607	3197809	21.052 ug/ml
7) T n-Hexadecane (C16)	10.216	3326096	20.842 ug/ml
8) T n-Octadecane (C18)	11.660	3368607	20.551 ug/ml
10) T n-Eicosane (C20)	12.971	3229412	20.078 ug/ml
11) T n-Heneicosane (C21)	13.584	3159777	19.827 ug/ml
13) T n-Docosane (C22)	14.170	3133830	19.669 ug/ml
14) T n-Tetracosane (C24)	15.274	3101192	19.236 ug/ml
15) T n-Hexacosane (C26)	16.297	2985507	18.884 ug/ml
16) T n-Octacosane (C28)	17.248	2917718	18.962 ug/ml
17) T n-Tricontane (C30)	18.135	3037082	19.941 ug/ml
18) T n-Dotriacontane (C32)	18.967	2970784	19.941 ug/mlm
19) T n-Tetratriacontane (C34)	19.752	2846184	20.203 ug/ml
20) T n-Hexatriacontane (C36)	20.491	2811260	21.022 ug/mlm
21) T n-Octatriacontane (C38)	21.247	2908983	22.015 ug/mlm
22) T n-Tetracontane (C40)	22.192	2903232	22.930 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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