

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050423AL\
 Data File : FE041723.D
 Signal(s) : FID1B.ch
 Acq On : 04 May 2023 09:16
 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 05/05/2023
 Supervised By :Ankita Jodhani 05/05/2023

Integration File: autoint1.e
 Quant Time: May 04 10:54:53 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)	11.980	3846340	20.502 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	13.415	2831073	20.040 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.354	3066299	20.860 ug/ml
2) T n-Decane (C10)	4.608	3182631	21.220 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3521565	21.280 ug/ml
4) T n-Dodecane (C12)	6.777	3227004	21.224 ug/ml
5) T A~2-methylnaphthalene...	7.413	3436735	21.313 ug/ml
6) T n-Tetradecane (C14)	8.607	3237265	21.311 ug/ml
7) T n-Hexadecane (C16)	10.215	3373894	21.142 ug/ml
8) T n-Octadecane (C18)	11.659	3421674	20.875 ug/ml
10) T n-Eicosane (C20)	12.970	3285770	20.428 ug/ml
11) T n-Heneicosane (C21)	13.582	3219021	20.198 ug/ml
13) T n-Docosane (C22)	14.169	3195256	20.054 ug/ml
14) T n-Tetracosane (C24)	15.273	3169913	19.662 ug/ml
15) T n-Hexacosane (C26)	16.295	3059740	19.354 ug/ml
16) T n-Octacosane (C28)	17.245	2985016	19.399 ug/ml
17) T n-Tricontane (C30)	18.133	3073808	20.182 ug/ml
18) T n-Dotriacontane (C32)	18.967	3024673	20.303 ug/ml
19) T n-Tetratriacontane (C34)	19.750	2922831	20.747 ug/ml
20) T n-Hexatriacontane (C36)	20.491	2820319	21.090 ug/mlm
21) T n-Octatriacontane (C38)	21.245	3049291	23.077 ug/ml
22) T n-Tetracontane (C40)	22.190	2948766	23.290 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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