

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037044.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 23:38
 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 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 14 21:53:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 2022
 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)	11.819	3475888	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.259	2753265	18.865 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.213	2992023	19.467 ug/ml
2) T n-Decane (C10)	4.466	2991208	19.571 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3244746	19.720 ug/ml
4) T n-Dodecane (C12)	6.634	3065752	19.630 ug/ml
5) T A~2-methylnaphthalene...	7.263	3225503	19.873 ug/ml
6) T n-Tetradecane (C14)	8.460	3102903	19.635 ug/ml
7) T n-Hexadecane (C16)	10.066	3097938	19.479 ug/ml
8) T n-Octadecane (C18)	11.508	3155829	19.222 ug/ml
10) T n-Eicosane (C20)	12.815	3107819	18.930 ug/ml
11) T n-Heneicosane (C21)	13.427	3106343	18.901 ug/ml
13) T n-Docosane (C22)	14.012	3063749	18.830 ug/ml
14) T n-Tetracosane (C24)	15.114	3012303	18.638 ug/ml
15) T n-Hexacosane (C26)	16.134	2920413	18.411 ug/ml
16) T n-Octacosane (C28)	17.083	2818154	18.131 ug/ml
17) T n-Tricontane (C30)	17.970	2627090	18.014 ug/ml
18) T n-Dotriacontane (C32)	18.802	2097841	18.052 ug/ml
19) T n-Tetratriacontane (C34)	19.586	1508559	18.306 ug/ml
20) T n-Hexatriacontane (C36)	20.326	1125213	18.626 ug/ml
21) T n-Octatriacontane (C38)	21.048	1050015	20.588 ug/ml
22) T n-Tetracontane (C40)	21.923	853633	17.735 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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