

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041903.D
 Signal(s) : FID1B.ch
 Acq On : 13 May 2023 02:50
 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 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 13 03:14:40 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)	11.970	3613543	19.261 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.406	2677286	18.952 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.347	2780179	18.913 ug/ml
2) T n-Decane (C10)	4.601	2930744	19.541 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3230284	19.520 ug/ml
4) T n-Dodecane (C12)	6.770	2964364	19.497 ug/ml
5) T A~2-methylnaphthalene...	7.405	3167300	19.643 ug/ml
6) T n-Tetradecane (C14)	8.599	2994478	19.713 ug/ml
7) T n-Hexadecane (C16)	10.208	3139578	19.674 ug/ml
8) T n-Octadecane (C18)	11.651	3211534	19.593 ug/ml
10) T n-Eicosane (C20)	12.960	3097778	19.259 ug/ml
11) T n-Heneicosane (C21)	13.573	3041012	19.081 ug/ml
13) T n-Docosane (C22)	14.159	3024327	18.982 ug/ml
14) T n-Tetracosane (C24)	15.263	3021446	18.741 ug/ml
15) T n-Hexacosane (C26)	16.283	2932350	18.548 ug/ml
16) T n-Octacosane (C28)	17.235	2963365	19.259 ug/ml
17) T n-Tricontane (C30)	18.123	3155574	20.719 ug/ml
18) T n-Dotriacontane (C32)	18.955	3189161	21.407 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3004060	21.324 ug/ml
20) T n-Hexatriacontane (C36)	20.480	2851975	21.326 ug/ml
21) T n-Octatriacontane (C38)	21.229	2897201	21.926 ug/ml
22) T n-Tetracontane (C40)	22.168	2834601	22.388 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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