

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071723AL\
 Data File : FE043248.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2023 09:47
 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 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 04:13:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.905	3726769	20.812 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	13.343	2741467	20.864 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.280	3210184	21.025 ug/ml
2) T n-Decane (C10)	4.533	3305528	21.203 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3444308	21.405 ug/ml
4) T n-Dodecane (C12)	6.704	3331535	21.143 ug/ml
5) T A~2-methylnaphthalene...	7.343	3275084	21.583 ug/ml
6) T n-Tetradecane (C14)	8.534	3294345	20.828 ug/ml
7) T n-Hexadecane (C16)	10.141	3385653	20.921 ug/ml
8) T n-Octadecane (C18)	11.586	3396588	20.836 ug/ml
10) T n-Eicosane (C20)	12.896	3230983	20.796 ug/ml
11) T n-Heneicosane (C21)	13.508	3189564	21.053 ug/ml
13) T n-Docosane (C22)	14.095	3104287	20.771 ug/ml
14) T n-Tetracosane (C24)	15.197	3035357	20.668 ug/ml
15) T n-Hexacosane (C26)	16.219	2951959	20.726 ug/ml
16) T n-Octacosane (C28)	17.169	2899383	20.606 ug/ml
17) T n-Tricontane (C30)	18.057	3010529	20.436 ug/ml
18) T n-Dotriacontane (C32)	18.890	3026887	20.427 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2953770	20.467 ug/mlm
20) T n-Hexatriacontane (C36)	20.415	2887040	19.643 ug/ml
21) T n-Octatriacontane (C38)	21.156	2803313	19.652 ug/mlm
22) T n-Tetracontane (C40)	22.070	3558208	24.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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