

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041059.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 22:33
 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 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e
 Quant Time: Mar 29 01:33:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.852	3771534	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	13.291	2890457	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.253	3480138	20.057 ug/ml
2) T n-Decane (C10)	4.500	3442331	20.223 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3835494	20.969 ug/ml
4) T n-Dodecane (C12)	6.664	3508525	20.227 ug/ml
5) T A~2-methylnaphthalene...	7.297	3608041	21.786 ug/ml
6) T n-Tetradecane (C14)	8.490	3516582	20.168 ug/ml
7) T n-Hexadecane (C16)	10.096	3583049	20.146 ug/ml
8) T n-Octadecane (C18)	11.538	3577854	20.038 ug/ml
10) T n-Eicosane (C20)	12.848	3410193	19.992 ug/ml
11) T n-Heneicosane (C21)	13.459	3370217	19.920 ug/ml
13) T n-Docosane (C22)	14.045	3287554	19.866 ug/ml
14) T n-Tetracosane (C24)	15.148	3201990	19.791 ug/ml
15) T n-Hexacosane (C26)	16.169	3082349	19.884 ug/ml
16) T n-Octacosane (C28)	17.119	3041648	19.857 ug/ml
17) T n-Tricontane (C30)	18.008	3044555	19.918 ug/ml
18) T n-Dotriacontane (C32)	18.841	3122863	20.002 ug/ml
19) T n-Tetratriacontane (C34)	19.627	3140786	20.267 ug/mlm
20) T n-Hexatriacontane (C36)	20.366	3083958	20.303 ug/mlm
21) T n-Octatriacontane (C38)	21.096	3188435	20.410 ug/mlm
22) T n-Tetracontane (C40)	21.976	3329318	20.860 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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