

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090523AL\
 Data File : FE044114.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2023 09:10
 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

09/05/2023
 Supervised By :Ankita
 Jodhani

09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 05 14:00:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.940	4353892	22.982 ug/ml
Spiked Amount 50.000		Recovery =	45.96%
12) S 1-chlorooctadecane (S...	13.378	3208450	23.225 ug/ml
Spiked Amount 50.000		Recovery =	46.45%
Target Compounds			
1) T n-Nonane (C9)	3.324	3612311	22.143 ug/ml
2) T n-Decane (C10)	4.575	3671653	22.090 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3988129	22.271 ug/ml
4) T n-Dodecane (C12)	6.740	3728809	22.172 ug/ml
5) T A~2-methylnaphthalene...	7.374	3884925	22.661 ug/ml
6) T n-Tetradecane (C14)	8.567	3725155	22.212 ug/ml
7) T n-Hexadecane (C16)	10.177	3786512	21.908 ug/ml
8) T n-Octadecane (C18)	11.623	3788127	21.762 ug/ml
10) T n-Eicosane (C20)	12.933	3647429	22.051 ug/ml
11) T n-Heneicosane (C21)	13.546	3581816	22.144 ug/ml
13) T n-Docosane (C22)	14.132	3529114	22.090 ug/ml
14) T n-Tetracosane (C24)	15.237	3426376	21.911 ug/ml
15) T n-Hexacosane (C26)	16.258	3298238	21.878 ug/ml
16) T n-Octacosane (C28)	17.209	3167509	21.949 ug/ml
17) T n-Tricontane (C30)	18.098	3147926	21.668 ug/ml
18) T n-Dotriacontane (C32)	18.932	3106080	21.805 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3025234	21.618 ug/ml
20) T n-Hexatriacontane (C36)	20.459	3054227	22.278 ug/ml
21) T n-Octatriacontane (C38)	21.205	2947071	21.230 ug/ml
22) T n-Tetracontane (C40)	22.130	3398992	24.584 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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