

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
 Data File : FE041319.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2023 08:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/13/2023
 Supervised By :Ankita Jodhani 04/13/2023

Integration File: autoint1.e
 Quant Time: Apr 13 01:09:43 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)	11.836	3524128	18.751 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.276	2724212	18.934 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.236	3007129	17.331 ug/ml
2) T n-Decane (C10)	4.482	3061465	17.986 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3333048	18.222 ug/ml
4) T n-Dodecane (C12)	6.647	3150206	18.161 ug/ml
5) T A~2-methylnaphthalene...	7.281	3131167	18.906 ug/ml
6) T n-Tetradecane (C14)	8.474	3202728	18.368 ug/ml
7) T n-Hexadecane (C16)	10.080	3299738	18.553 ug/ml
8) T n-Octadecane (C18)	11.522	3368374	18.865 ug/ml
10) T n-Eicosane (C20)	12.831	3276892	19.211 ug/ml
11) T n-Heneicosane (C21)	13.443	3245332	19.182 ug/ml
13) T n-Docosane (C22)	14.030	3280106	19.821 ug/ml
14) T n-Tetracosane (C24)	15.133	3357668	20.754 ug/ml
15) T n-Hexacosane (C26)	16.156	3355822	21.648 ug/ml
16) T n-Octacosane (C28)	17.108	3485617	22.755 ug/ml
17) T n-Tricontane (C30)	17.995	3706360	24.248 ug/ml
18) T n-Dotriacontane (C32)	18.829	3840051	24.596 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	3599928	23.230 ug/mlm
20) T n-Hexatriacontane (C36)	20.358	3372167	22.200 ug/ml
21) T n-Octatriacontane (C38)	21.080	3248455	20.794 ug/mlm
22) T n-Tetracontane (C40)	21.960	3250478	20.366 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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