

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041589.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2023 23:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2023
 Supervised By :Ankita Jodhani 05/01/2023

Integration File: autoint1.e
 Quant Time: Apr 28 04:25:59 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)	11.985	3297544	17.577 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
12) S 1-chlorooctadecane (S...	13.422	2569967	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T n-Nonane (C9)	3.360	2844560	19.351 ug/ml
2) T n-Decane (C10)	4.613	2918277	19.458 ug/ml
3) T A~Naphthalene (C11.7)	6.321	3367543	20.349 ug/ml
4) T n-Dodecane (C12)	6.782	2976064	19.574 ug/ml
5) T A~2-methylnaphthalene...	7.418	3207841	19.894 ug/ml
6) T n-Tetradecane (C14)	8.611	3008682	19.806 ug/ml
7) T n-Hexadecane (C16)	10.221	3099346	19.421 ug/ml
8) T n-Octadecane (C18)	11.666	3130778	19.100 ug/ml
10) T n-Eicosane (C20)	12.976	3021945	18.788 ug/ml
11) T n-Heneicosane (C21)	13.589	2990467	18.764 ug/ml
13) T n-Docosane (C22)	14.175	2991891	18.778 ug/ml
14) T n-Tetracosane (C24)	15.279	3022182	18.746 ug/ml
15) T n-Hexacosane (C26)	16.300	2992597	18.929 ug/ml
16) T n-Octacosane (C28)	17.251	3043428	19.779 ug/ml
17) T n-Tricontane (C30)	18.139	3240201	21.275 ug/ml
18) T n-Dotriacontane (C32)	18.973	3356623	22.531 ug/ml
19) T n-Tetratriacontane (C34)	19.757	3100624	22.010 ug/mlm
20) T n-Hexatriacontane (C36)	20.495	2828797	21.153 ug/mlm
21) T n-Octatriacontane (C38)	21.251	2914926	22.060 ug/mlm
22) T n-Tetracontane (C40)	22.197	2866029	22.636 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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