

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041495.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2023 01:19
 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 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 22 04:06:52 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)	11.984	3555251	18.950 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.420	2647764	18.743 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.360	2992934	20.361 ug/ml
2) T n-Decane (C10)	4.613	3063512	20.426 ug/ml
3) T A~Naphthalene (C11.7)	6.320	3375593	20.398 ug/ml
4) T n-Dodecane (C12)	6.782	3106592	20.432 ug/ml
5) T A~2-methylnaphthalene...	7.418	3281338	20.350 ug/ml
6) T n-Tetradecane (C14)	8.611	3098677	20.399 ug/ml
7) T n-Hexadecane (C16)	10.221	3194311	20.016 ug/ml
8) T n-Octadecane (C18)	11.665	3205136	19.554 ug/ml
10) T n-Eicosane (C20)	12.975	3054306	18.989 ug/ml
11) T n-Heneicosane (C21)	13.587	3008656	18.878 ug/ml
13) T n-Docosane (C22)	14.174	2952230	18.529 ug/ml
14) T n-Tetracosane (C24)	15.278	2930275	18.176 ug/ml
15) T n-Hexacosane (C26)	16.299	2785856	17.621 ug/ml
16) T n-Octacosane (C28)	17.249	2689358	17.478 ug/ml
17) T n-Tricontane (C30)	18.138	2688406	17.652 ug/ml
18) T n-Dotriacontane (C32)	18.969	2577464	17.301 ug/ml
19) T n-Tetratriacontane (C34)	19.753	2539841	18.029 ug/ml
20) T n-Hexatriacontane (C36)	20.492	2505734	18.737 ug/mlm
21) T n-Octatriacontane (C38)	21.249	2623721	19.856 ug/mlm
22) T n-Tetracontane (C40)	22.191	2658375	20.996 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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