

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050923AL\
 Data File : FE041808.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2023 13:05
 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

Integration File: autoint1.e
 Quant Time: May 10 00:21:19 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)	11.969	3817005	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.405	2777686	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.348	3030142	20.614 ug/ml
2) T n-Decane (C10)	4.601	3166193	21.111 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3467002	20.950 ug/ml
4) T n-Dodecane (C12)	6.770	3179314	20.911 ug/ml
5) T A~2-methylnaphthalene...	7.404	3377932	20.949 ug/ml
6) T n-Tetradecane (C14)	8.599	3168843	20.861 ug/ml
7) T n-Hexadecane (C16)	10.207	3295862	20.653 ug/ml
8) T n-Octadecane (C18)	11.650	3356106	20.475 ug/ml
10) T n-Eicosane (C20)	12.960	3239351	20.140 ug/ml
11) T n-Heneicosane (C21)	13.572	3187573	20.001 ug/ml
13) T n-Docosane (C22)	14.158	3172589	19.912 ug/ml
14) T n-Tetracosane (C24)	15.262	3161933	19.612 ug/ml
15) T n-Hexacosane (C26)	16.283	3072038	19.431 ug/ml
16) T n-Octacosane (C28)	17.233	3011639	19.572 ug/ml
17) T n-Tricontane (C30)	18.121	3097215	20.336 ug/ml
18) T n-Dotriacontane (C32)	18.953	3050799	20.478 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2958541	21.001 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2853529	21.338 ug/ml
21) T n-Octatriacontane (C38)	21.229	2816316	21.314 ug/ml
22) T n-Tetracontane (C40)	22.165	2734293	21.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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