

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050523AL\
 Data File : FE041749.D
 Signal(s) : FID1B.ch
 Acq On : 05 May 2023 09:25
 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

Integration File: autoint1.e
 Quant Time: May 06 01:26:01 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)	11.974	3459197	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	13.409	2532905	17.930 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T n-Nonane (C9)	3.352	2791346	18.989 ug/ml
2) T n-Decane (C10)	4.605	2894593	19.300 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3178073	19.204 ug/ml
4) T n-Dodecane (C12)	6.773	2922564	19.222 ug/ml
5) T A~2-methylnaphthalene...	7.408	3089746	19.162 ug/ml
6) T n-Tetradecane (C14)	8.602	2925356	19.258 ug/ml
7) T n-Hexadecane (C16)	10.211	3038474	19.040 ug/ml
8) T n-Octadecane (C18)	11.655	3078694	18.783 ug/ml
10) T n-Eicosane (C20)	12.964	2953528	18.363 ug/ml
11) T n-Heneicosane (C21)	13.576	2891160	18.141 ug/ml
13) T n-Docosane (C22)	14.163	2870707	18.017 ug/ml
14) T n-Tetracosane (C24)	15.266	2845740	17.651 ug/ml
15) T n-Hexacosane (C26)	16.287	2748793	17.387 ug/ml
16) T n-Octacosane (C28)	17.237	2696125	17.522 ug/ml
17) T n-Tricontane (C30)	18.124	2779065	18.247 ug/ml
18) T n-Dotriacontane (C32)	18.958	2756698	18.504 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2644786	18.774 ug/ml
20) T n-Hexatriacontane (C36)	20.482	2566841	19.194 ug/ml
21) T n-Octatriacontane (C38)	21.233	2592458	19.620 ug/ml
22) T n-Tetracontane (C40)	22.171	2606870	20.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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