

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046169.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 13:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 21 23:19:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.398	3450471	19.790 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	12.832	2426725	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.226	3040112	19.283 ug/ml
2) T n-Decane (C10)	4.281	3095624	19.276 ug/ml
3) T A~Naphthalene (C11.7)	5.843	3384526	19.549 ug/ml
4) T n-Dodecane (C12)	6.285	3124090	19.328 ug/ml
5) T A~2-methylnaphthalene...	6.893	3220117	19.511 ug/ml
6) T n-Tetradecane (C14)	8.069	3080598	19.364 ug/ml
7) T n-Hexadecane (C16)	9.660	3171345	19.489 ug/ml
8) T n-Octadecane (C18)	11.094	3162536	19.606 ug/ml
10) T n-Eicosane (C20)	12.394	2956432	19.806 ug/ml
11) T n-Heneicosane (C21)	13.002	2865201	19.849 ug/ml
13) T n-Docosane (C22)	13.584	2780306	19.899 ug/ml
14) T n-Tetracosane (C24)	14.679	2708322	19.669 ug/ml
15) T n-Hexacosane (C26)	15.692	2510232	19.635 ug/ml
16) T n-Octacosane (C28)	16.634	2394267	19.663 ug/ml
17) T n-Tricontane (C30)	17.514	2426166	19.603 ug/ml
18) T n-Dotriacontane (C32)	18.340	2394852	19.613 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2438496	19.060 ug/ml
20) T n-Hexatriacontane (C36)	19.851	2268110	19.805 ug/ml
21) T n-Octatriacontane (C38)	20.552	2180832	19.370 ug/ml
22) T n-Tetracontane (C40)	21.371	1890604	17.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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