

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046499.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 04:33
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 15 05:12:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:05 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)	11.379	1122421	5.274 ug/ml
Spiked Amount 50.000		Recovery =	10.55%
12) S 1-chlorooctadecane (S...	12.815	821165	5.211 ug/ml
Spiked Amount 50.000		Recovery =	10.42%
Target Compounds			
1) T n-Nonane (C9)	3.219	878512	5.313 ug/ml
2) T n-Decane (C10)	4.271	893106	5.298 ug/ml
3) T A~Naphthalene (C11.7)	5.831	977352	5.233 ug/ml
4) T n-Dodecane (C12)	6.271	896164	5.276 ug/ml
5) T A~2-methylnaphthalene...	6.878	933744	5.167 ug/ml
6) T n-Tetradecane (C14)	8.055	891053	5.266 ug/ml
7) T n-Hexadecane (C16)	9.645	921227	5.215 ug/ml
8) T n-Octadecane (C18)	11.076	961245	5.243 ug/ml
10) T n-Eicosane (C20)	12.376	950793	5.259 ug/ml
11) T n-Heneicosane (C21)	12.983	945426	5.258 ug/ml
13) T n-Docosane (C22)	13.566	954616	5.285 ug/ml
14) T n-Tetracosane (C24)	14.660	988017	5.390 ug/ml
15) T n-Hexacosane (C26)	15.673	962827	5.381 ug/ml
16) T n-Octacosane (C28)	16.616	931873	5.399 ug/ml
17) T n-Tricontane (C30)	17.496	958386	5.574 ug/ml
18) T n-Dotriacontane (C32)	18.321	922333	5.640 ug/ml
19) T n-Tetratriacontane (C34)	19.098	836654	5.368 ug/ml
20) T n-Hexatriacontane (C36)	19.832	753824	5.361 ug/ml
21) T n-Octatriacontane (C38)	20.530	709143	5.296 ug/ml
22) T n-Tetracontane (C40)	21.343	658627	5.210 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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