

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082123AL\  
 Data File : FC064371.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Aug 2023 10:49  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
 FID\_C  
**ClientSampleId :**  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 21 15:31:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 14:31:35 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.509	4351249	20.496 ug/ml
Spiked Amount	50.000	Recovery =	40.99%
12) S 1-chlorooctadecane (S...	12.943	3093749	20.291 ug/ml
Spiked Amount	50.000	Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.306	3601798	20.407 ug/ml
2) T n-Decane (C10)	4.364	3588207	20.455 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3738507	20.105 ug/ml
4) T n-Dodecane (C12)	6.374	3671965	20.601 ug/ml
5) T A~2-methylnaphthalene...	6.997	3603908	20.259 ug/ml
6) T n-Tetradecane (C14)	8.163	3569168	20.459 ug/ml
7) T n-Hexadecane (C16)	9.758	3565340	20.631 ug/ml
8) T n-Octadecane (C18)	11.194	3618585	20.669 ug/ml
10) T n-Eicosane (C20)	12.500	3465455	20.486 ug/ml
11) T n-Heneicosane (C21)	13.109	3410420	20.433 ug/ml
13) T n-Docosane (C22)	13.694	3343060	20.496 ug/ml
14) T n-Tetracosane (C24)	14.792	3259339	20.467 ug/ml
15) T n-Hexacosane (C26)	15.809	3154610	20.418 ug/ml
16) T n-Octacosane (C28)	16.755	3026899	20.445 ug/ml
17) T n-Tricontane (C30)	17.639	2976046	20.374 ug/ml
18) T n-Dotriacontane (C32)	18.469	2868631	20.308 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2698276	20.195 ug/ml
20) T n-Hexatriacontane (C36)	19.985	2549541	19.924 ug/ml
21) T n-Octatriacontane (C38)	20.704	2370392	19.303 ug/ml
22) T n-Tetracontane (C40)	21.586	2115656	18.218 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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