

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082024AL\
 Data File : FE049672.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2024 11:47
 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: Aug 21 01:33:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.889	2972845	18.384 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	13.324	2269945	18.605 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.276	2607778	16.851 ug/ml
2) T n-Decane (C10)	4.527	2782022	17.620 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2858981	17.818 ug/ml
4) T n-Dodecane (C12)	6.695	2820301	17.940 ug/ml
5) T A~2-methylnaphthalene...	7.331	2719248	18.158 ug/ml
6) T n-Tetradecane (C14)	8.522	2787314	18.055 ug/ml
7) T n-Hexadecane (C16)	10.129	2853559	18.271 ug/ml
8) T n-Octadecane (C18)	11.571	2879236	18.333 ug/ml
10) T n-Eicosane (C20)	12.879	2753882	18.444 ug/ml
11) T n-Heneicosane (C21)	13.490	2719540	18.538 ug/ml
13) T n-Docosane (C22)	14.076	2687856	18.441 ug/ml
14) T n-Tetracosane (C24)	15.178	2698206	18.549 ug/ml
15) T n-Hexacosane (C26)	16.198	2669716	18.498 ug/ml
16) T n-Octacosane (C28)	17.148	2757677	19.145 ug/ml
17) T n-Tricontane (C30)	18.035	3002437	20.056 ug/ml
18) T n-Dotriacontane (C32)	18.867	3124039	20.650 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3094958	20.244 ug/ml
20) T n-Hexatriacontane (C36)	20.389	3044281	20.048 ug/ml
21) T n-Octatriacontane (C38)	21.118	3007929	19.165 ug/ml
22) T n-Tetracontane (C40)	22.015	2913876	19.085 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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