

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043245.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2023 00:13
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :Ankita Jodhani 07/17/2023

Integration File: autoint1.e
 Quant Time: Jul 15 02:01:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.902	3585092	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	13.339	2654621	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T n-Nonane (C9)	3.278	3092549	20.255 ug/ml
2) T n-Decane (C10)	4.531	3183587	20.421 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3330698	20.699 ug/ml
4) T n-Dodecane (C12)	6.702	3207618	20.356 ug/ml
5) T A~2-methylnaphthalene...	7.340	3162821	20.844 ug/ml
6) T n-Tetradecane (C14)	8.532	3184662	20.135 ug/ml
7) T n-Hexadecane (C16)	10.140	3262543	20.160 ug/ml
8) T n-Octadecane (C18)	11.583	3268465	20.050 ug/ml
10) T n-Eicosane (C20)	12.893	3110625	20.021 ug/ml
11) T n-Heneicosane (C21)	13.504	3024594	19.964 ug/ml
13) T n-Docosane (C22)	14.091	2982170	19.954 ug/ml
14) T n-Tetracosane (C24)	15.194	2935719	19.990 ug/ml
15) T n-Hexacosane (C26)	16.216	2832544	19.887 ug/ml
16) T n-Octacosane (C28)	17.165	2777544	19.740 ug/ml
17) T n-Tricontane (C30)	18.054	2880151	19.551 ug/ml
18) T n-Dotriacontane (C32)	18.888	2901519	19.581 ug/ml
19) T n-Tetratriacontane (C34)	19.670	3067051	21.252 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2853560	19.415 ug/ml
21) T n-Octatriacontane (C38)	21.149	2785280	19.525 ug/ml
22) T n-Tetracontane (C40)	22.061	3718251	25.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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