

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072623AL\
 Data File : FE043538.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jul 2023 01:01
 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 07/27/2023
 Supervised By :Ankita Jodhani 07/27/2023

Integration File: autoint1.e
 Quant Time: Jul 27 02:46:07 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)	11.885	3603428	20.123 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.321	2666944	20.297 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T n-Nonane (C9)	3.263	2975327	19.487 ug/ml
2) T n-Decane (C10)	4.517	3093010	19.840 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3176189	19.738 ug/ml
4) T n-Dodecane (C12)	6.687	3123658	19.823 ug/ml
5) T A~2-methylnaphthalene...	7.325	3015664	19.874 ug/ml
6) T n-Tetradecane (C14)	8.516	3115043	19.694 ug/ml
7) T n-Hexadecane (C16)	10.123	3235408	19.992 ug/ml
8) T n-Octadecane (C18)	11.566	3267851	20.046 ug/ml
10) T n-Eicosane (C20)	12.876	3131425	20.155 ug/ml
11) T n-Heneicosane (C21)	13.487	3054940	20.164 ug/ml
13) T n-Docosane (C22)	14.073	3017327	20.190 ug/ml
14) T n-Tetracosane (C24)	15.177	2974540	20.254 ug/ml
15) T n-Hexacosane (C26)	16.197	2908615	20.422 ug/ml
16) T n-Octacosane (C28)	17.147	2903126	20.633 ug/ml
17) T n-Tricontane (C30)	18.035	3084040	20.935 ug/ml
18) T n-Dotriacontane (C32)	18.867	3140937	21.197 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3020419	20.928 ug/mlm
20) T n-Hexatriacontane (C36)	20.391	2863734	19.484 ug/ml
21) T n-Octatriacontane (C38)	21.127	2868964	20.112 ug/ml
22) T n-Tetracontane (C40)	22.032	3312249	22.443 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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