

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041156.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 14:22
 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 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e
 Quant Time: Apr 04 23:52:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.852	3469259	18.459 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	13.291	2688146	18.683 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.248	3138512	18.088 ug/ml
2) T n-Decane (C10)	4.495	3141067	18.453 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3431570	18.761 ug/ml
4) T n-Dodecane (C12)	6.660	3208940	18.499 ug/ml
5) T A~2-methylnaphthalene...	7.293	3244397	19.590 ug/ml
6) T n-Tetradecane (C14)	8.487	3239935	18.581 ug/ml
7) T n-Hexadecane (C16)	10.094	3315593	18.642 ug/ml
8) T n-Octadecane (C18)	11.537	3329842	18.649 ug/ml
10) T n-Eicosane (C20)	12.847	3190450	18.704 ug/ml
11) T n-Heneicosane (C21)	13.459	3153052	18.637 ug/ml
13) T n-Docosane (C22)	14.046	3125099	18.884 ug/ml
14) T n-Tetracosane (C24)	15.150	3121307	19.293 ug/ml
15) T n-Hexacosane (C26)	16.172	3042351	19.626 ug/ml
16) T n-Octacosane (C28)	17.122	3069220	20.037 ug/ml
17) T n-Tricontane (C30)	18.011	3145869	20.581 ug/ml
18) T n-Dotriacontane (C32)	18.846	3218085	20.612 ug/ml
19) T n-Tetratriacontane (C34)	19.631	3141037	20.269 ug/mlm
20) T n-Hexatriacontane (C36)	20.373	3110408	20.477 ug/ml
21) T n-Octatriacontane (C38)	21.101	3093257	19.801 ug/mlm
22) T n-Tetracontane (C40)	21.984	3237075	20.282 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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