

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056532.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File: sample.E
 Quant Time: Oct 29 04:01:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 28 14:34:40 2025
 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)	11.984	4072612	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.424	3031406	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.340	3231297	19.824 ug/ml
2) T n-Decane (C10)	4.593	3555974	21.623 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3758428	21.261 ug/ml
4) T n-Dodecane (C12)	6.766	3714985	22.142 ug/ml
5) T A~2-methylnaphthalene...	7.406	3620113	21.726 ug/ml
6) T n-Tetradecane (C14)	8.601	3648305	21.960 ug/ml
7) T n-Hexadecane (C16)	10.214	3743676	21.398 ug/ml
8) T n-Octadecane (C18)	11.663	3782431	20.735 ug/ml
10) T n-Eicosane (C20)	12.977	3584222	20.130 ug/ml
11) T n-Heneicosane (C21)	13.590	3493034	19.909 ug/ml
13) T n-Docosane (C22)	14.179	3476489	19.640 ug/ml
14) T n-Tetracosane (C24)	15.285	3468887	19.066 ug/ml
15) T n-Hexacosane (C26)	16.308	3385072	18.857 ug/ml
16) T n-Octacosane (C28)	17.261	3330899	18.724 ug/mlm
17) T n-Tricontane (C30)	18.151	3538883	19.491 ug/ml
18) T n-Dotriacontane (C32)	18.985	3512340	19.923 ug/mlm
19) T n-Tetratriacontane (C34)	19.770	3145260	20.318 ug/ml
20) T n-Hexatriacontane (C36)	20.511	2724953	21.811 ug/ml
21) T n-Octatriacontane (C38)	21.266	2470959	23.650 ug/mlm
22) T n-Tetracontane (C40)	22.215	2376825	26.193 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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