

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055725.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 18:48
 Operator : YP\AJ
 Sample : Q3031-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-09052025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/10/2025

Integration File: sample.E
 Quant Time: Sep 09 01:17:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.082	4713073	28.689 ug/mlm
Spiked Amount 50.000		Recovery =	57.38%
12) S 1-chlorooctadecane (S...	13.519	6300064	50.382 ug/ml
Spiked Amount 50.000		Recovery =	100.76%
Target Compounds			
1) T n-Nonane (C9)	3.416	3325023	26.202 ug/ml
2) T n-Decane (C10)	4.675	3763428	29.379 ug/ml
3) T A~Naphthalene (C11.7)	6.395	4739778	32.623 ug/ml
4) T n-Dodecane (C12)	6.851	4242601	32.582 ug/ml
5) T A~2-methylnaphthalene...	7.497	4685788	33.315 ug/ml
6) T n-Tetradecane (C14)	8.689	4888864	37.123 ug/ml
7) T n-Hexadecane (C16)	10.304	5941505	42.900 ug/ml
8) T n-Octadecane (C18)	11.754	5660253	38.806 ug/mlm
10) T n-Eicosane (C20)	13.072	6493592	45.111 ug/mlm
11) T n-Heneicosane (C21)	13.685	5593632	39.159 ug/ml
13) T n-Docosane (C22)	14.274	6418956	44.843 ug/ml
14) T n-Tetracosane (C24)	15.397	18344428	126.777 ug/ml
15) T n-Hexacosane (C26)	16.408	5489406	38.424 ug/mlm
16) T n-Octacosane (C28)	17.358	4757022	33.444 ug/ml
17) T n-Tricontane (C30)	18.249	5795425	39.206 ug/mlm
18) T n-Dotriacontane (C32)	19.082	6147264	41.882 ug/mlm
19) T n-Tetratriacontane (C34)	19.869	5563794	39.380 ug/ml
20) T n-Hexatriacontane (C36)	20.609	5462245	41.394 ug/mlm
21) T n-Octatriacontane (C38)	21.390	5567097	42.745 ug/ml
22) T n-Tetracontane (C40)	22.381	5442263	42.438 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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