

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054392.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 20:23
 Operator : YP\AJ
 Sample : Q2310-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 14 00:04:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	5843783	35.366 ug/ml
Spiked Amount 50.000		Recovery =	70.73%
12) S 1-chlorooctadecane (S...	13.268	4848395	39.758 ug/mlm
Spiked Amount 50.000		Recovery =	79.52%
Target Compounds			
1) T n-Nonane (C9)	3.174	3396141	27.349 ug/ml
2) T n-Decane (C10)	4.437	3700966	29.786 ug/ml
3) T A~Naphthalene (C11.7)	6.150	4839371	35.810 ug/ml
4) T n-Dodecane (C12)	6.618	4108612	32.267 ug/ml
5) T A~2-methylnaphthalene...	7.253	4649303	35.101 ug/ml
6) T n-Tetradecane (C14)	8.453	4510852	34.842 ug/ml
7) T n-Hexadecane (C16)	10.064	5023030	37.813 ug/ml
8) T n-Octadecane (C18)	11.511	5346935	39.597 ug/ml
10) T n-Eicosane (C20)	12.824	5670962	42.391 ug/ml
11) T n-Heneicosane (C21)	13.437	5453311	41.012 ug/ml
13) T n-Docosane (C22)	14.023	5439422	41.484 ug/ml
14) T n-Tetracosane (C24)	15.123	11803529	91.504 ug/ml
15) T n-Hexacosane (C26)	16.152	5324789	42.419 ug/ml
16) T n-Octacosane (C28)	17.102	5489844	44.767 ug/mlm
17) T n-Tricontane (C30)	17.993	5154196	41.585 ug/ml
18) T n-Dotriacontane (C32)	18.824	5351987	42.596 ug/mlm
19) T n-Tetratriacontane (C34)	19.608	5423072	43.591 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	5594627	43.460 ug/mlm
21) T n-Octatriacontane (C38)	21.076	5678478	43.005 ug/mlm
22) T n-Tetracontane (C40)	21.963	5489957	40.755 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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