

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054490.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 18:59
 Operator : YP\AJ
 Sample : Q2347-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-10MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File: autoint1.e

Quant Time: Jun 19 01:36:44 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	6101299	36.925 ug/ml
Spiked Amount 50.000		Recovery =	73.85%
12) S 1-chlorooctadecane (S...	13.268	4917618	40.325 ug/mlm
Spiked Amount 50.000		Recovery =	80.65%
Target Compounds			
1) T n-Nonane (C9)	3.174	3747257	30.176 ug/ml
2) T n-Decane (C10)	4.436	4056828	32.650 ug/ml
3) T A~Naphthalene (C11.7)	6.149	5255864	38.892 ug/ml
4) T n-Dodecane (C12)	6.617	4475984	35.152 ug/ml
5) T A~2-methylnaphthalene...	7.252	4976543	37.572 ug/ml
6) T n-Tetradecane (C14)	8.453	4917013	37.980 ug/ml
7) T n-Hexadecane (C16)	10.064	5381168	40.509 ug/mlm
8) T n-Octadecane (C18)	11.511	5611420	41.556 ug/ml
10) T n-Eicosane (C20)	12.824	5860823	43.810 ug/ml
11) T n-Heneicosane (C21)	13.436	5605780	42.159 ug/ml
13) T n-Docosane (C22)	14.024	5564056	42.434 ug/ml
14) T n-Tetracosane (C24)	15.125	12055015	93.454 ug/ml
15) T n-Hexacosane (C26)	16.153	5350600	42.624 ug/ml
16) T n-Octacosane (C28)	17.104	5563790	45.370 ug/mlm
17) T n-Tricontane (C30)	17.995	5266068	42.488 ug/ml
18) T n-Dotriacontane (C32)	18.827	5300450	42.186 ug/ml
19) T n-Tetratriacontane (C34)	19.612	5429588	43.644 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	5522392	42.899 ug/ml
21) T n-Octatriacontane (C38)	21.080	5740269	43.473 ug/ml
22) T n-Tetracontane (C40)	21.966	5682754	42.186 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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