

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054491.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 19:30
 Operator : YP\AJ
 Sample : Q2347-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-10MSD

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 01:37:01 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	6047855	36.601 ug/ml
Spiked Amount 50.000		Recovery =	73.20%
12) S 1-chlorooctadecane (S...	13.268	4884692	40.055 ug/mlm
Spiked Amount 50.000		Recovery =	80.11%
Target Compounds			
1) T n-Nonane (C9)	3.174	3723833	29.987 ug/ml
2) T n-Decane (C10)	4.436	4021548	32.366 ug/ml
3) T A~Naphthalene (C11.7)	6.149	5230099	38.701 ug/ml
4) T n-Dodecane (C12)	6.617	4458267	35.013 ug/ml
5) T A~2-methylnaphthalene...	7.251	4953321	37.397 ug/ml
6) T n-Tetradecane (C14)	8.453	4898684	37.838 ug/ml
7) T n-Hexadecane (C16)	10.064	5355865	40.319 ug/ml
8) T n-Octadecane (C18)	11.511	5572864	41.270 ug/ml
10) T n-Eicosane (C20)	12.824	5804126	43.387 ug/ml
11) T n-Heneicosane (C21)	13.437	5540267	41.666 ug/ml
13) T n-Docosane (C22)	14.023	5505238	41.986 ug/ml
14) T n-Tetracosane (C24)	15.124	11898176	92.238 ug/ml
15) T n-Hexacosane (C26)	16.153	5278042	42.046 ug/ml
16) T n-Octacosane (C28)	17.103	5523871	45.045 ug/mlm
17) T n-Tricontane (C30)	17.994	5192210	41.892 ug/ml
18) T n-Dotriacontane (C32)	18.826	5230453	41.629 ug/ml
19) T n-Tetratriacontane (C34)	19.610	5315465	42.727 ug/ml
20) T n-Hexatriacontane (C36)	20.352	5516715	42.855 ug/mlm
21) T n-Octatriacontane (C38)	21.079	5740169	43.472 ug/ml
22) T n-Tetracontane (C40)	21.965	5680805	42.172 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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