



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	20 PPM ALIPHATIC HC S'	Acq On:	05 May 2023 17:46
Client Sample ID:	20 PPM ALIPHATIC HC S'	Operator:	YP/AJ
Data file:	FC063568.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.200	6.480	13634457	84.389	300	ug/ml
Aliphatic C12-C16	6.481	9.871	10118687	63.568	200	ug/ml
Aliphatic C16-C21	9.872	13.228	9507644	62.22	300	ug/ml
Aliphatic C21-C28	13.229	16.879	11354380	82.01	400	ug/ml
Aliphatic C28-C40	16.880	21.727	15497231	120.833	600	ug/ml
Aliphatic EPH	3.200	21.727	60112399	413.021		ug/ml
ortho-Terphenyl (SURR)	11.526	11.526	3862247	20.61		ug/ml
1-chlorooctadecane (SURR)	12.963	12.963	2708573	20.68		ug/ml
Aliphatic C9-C28	3.200	16.879	44615168	292.187	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063568.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 17:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 05 18:21:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 2023
 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)	11.526	3862247	20.614 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	12.963	2708573	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.300	3323674	20.760 ug/ml
2) T n-Decane (C10)	4.364	3362490	20.780 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3563132	20.986 ug/ml
4) T n-Dodecane (C12)	6.381	3385161	20.795 ug/ml
5) T A~2-methylnaphthalene...	7.003	3443354	21.289 ug/ml
6) T n-Tetradecane (C14)	8.175	3310159	20.959 ug/ml
7) T n-Hexadecane (C16)	9.773	3365174	20.976 ug/ml
8) T n-Octadecane (C18)	11.212	3344467	20.882 ug/ml
10) T n-Eicosane (C20)	12.520	3131743	20.642 ug/ml
11) T n-Heneicosane (C21)	13.129	3031434	20.686 ug/ml
13) T n-Docosane (C22)	13.715	2972556	20.600 ug/ml
14) T n-Tetracosane (C24)	14.816	2885777	20.515 ug/ml
15) T n-Hexacosane (C26)	15.834	2798750	20.493 ug/ml
16) T n-Octacosane (C28)	16.781	2697297	20.393 ug/ml
17) T n-Tricontane (C30)	17.664	2697392	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.493	2638590	19.762 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2587768	19.935 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2498101	20.172 ug/ml
21) T n-Octatriacontane (C38)	20.738	2529515	20.243 ug/ml
22) T n-Tetracontane (C40)	21.627	2545865	20.710 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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