

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070225\
 Data File : FF016086.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2025 00:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
 Quant Time: Jul 03 03:24:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.102	6281883	52.026 ug/ml
Target Compounds			
2) N-DECANE	4.622	7182399	54.818 ug/ml
3) N-DODECANE	6.799	7232300	54.313 ug/ml
4) N-TETRADECANE	8.632	7261118	54.178 ug/ml
5) N-HEXADECANE	10.242	7288712	53.968 ug/ml
6) N-OCTADECANE	11.688	7415021	53.487 ug/ml
7) N-EICOSANE	13.000	7472610	53.514 ug/ml
8) N-DOCOSANE	14.202	7210488	53.070 ug/ml
10) N-TETRACOSANE	15.308	7136812	52.659 ug/ml
11) N-HEXACOSANE	16.331	7018617	52.286 ug/ml
12) N-OCTACOSANE	17.284	6994610	52.982 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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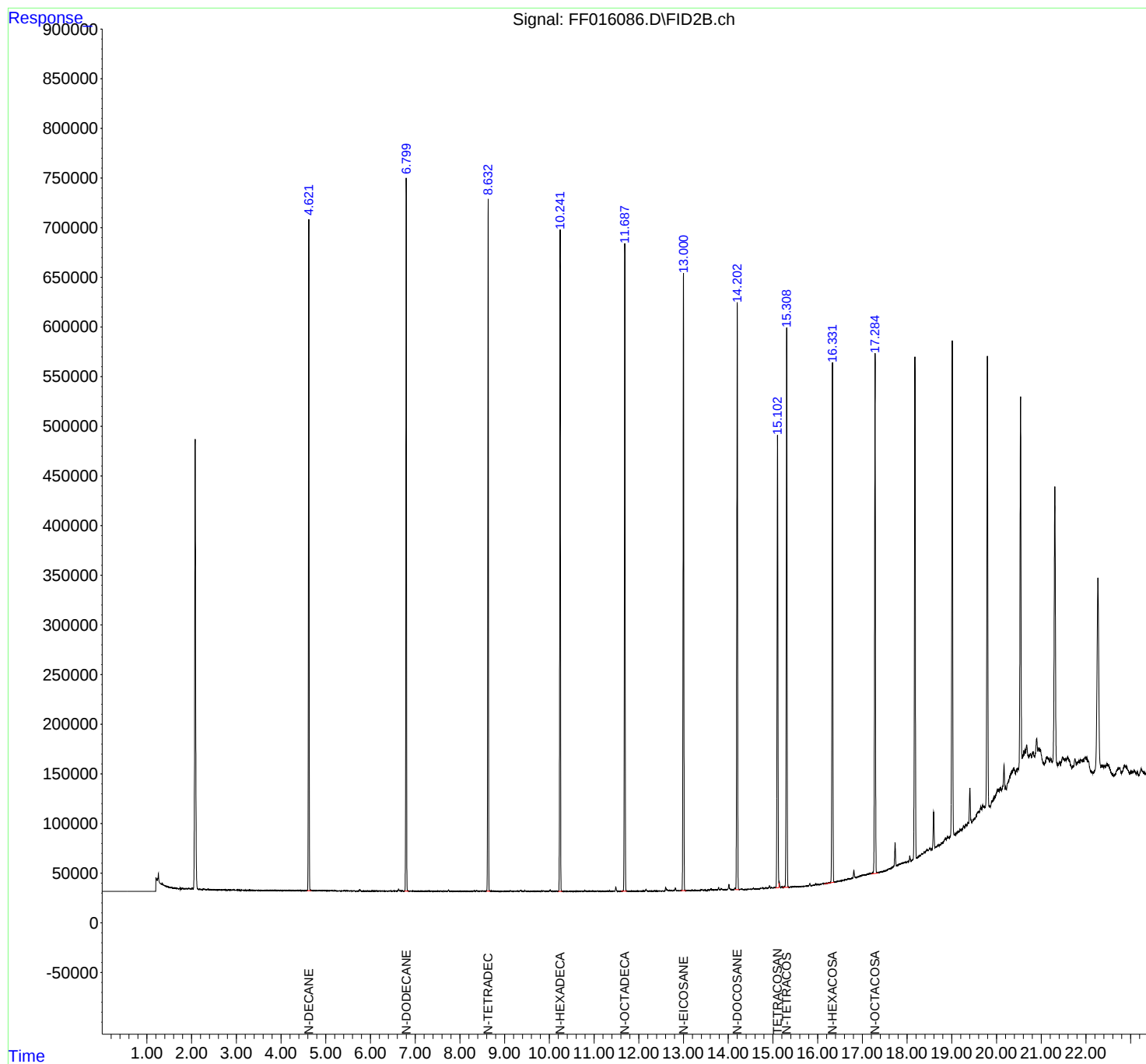
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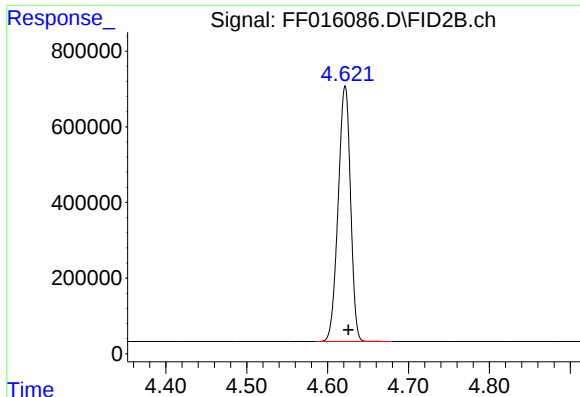
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#2 N-DECANE

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 7182399
Conc: 54.82 ug/ml

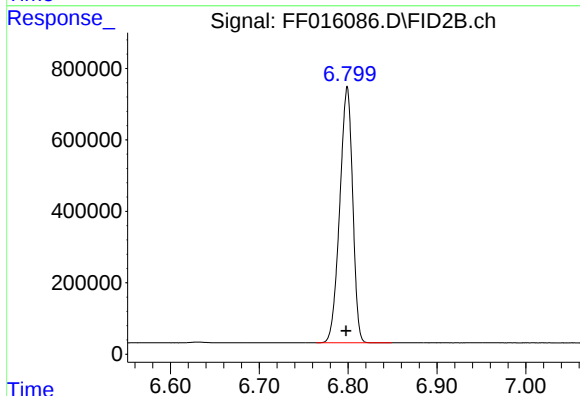
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

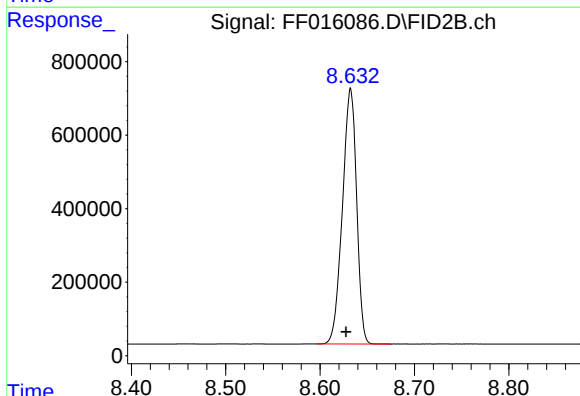
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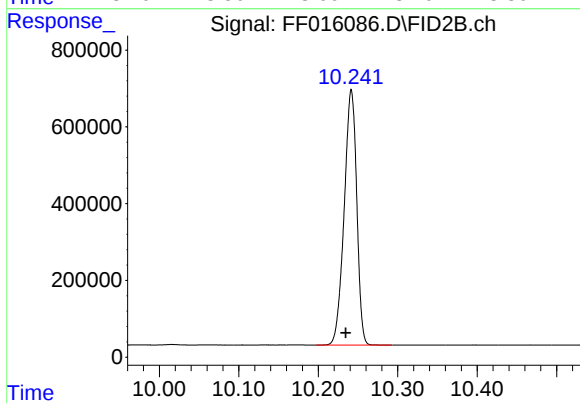
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 7232300
Conc: 54.31 ug/ml



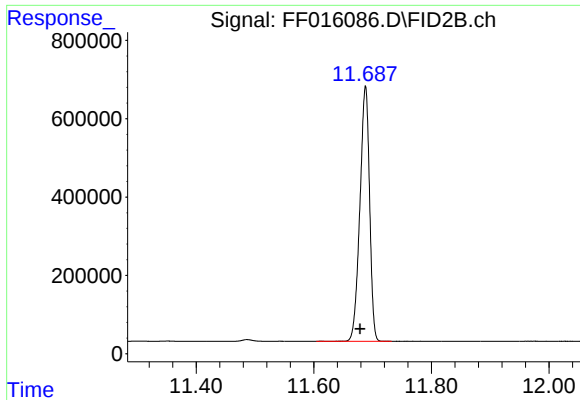
#4 N-TETRADECANE

R.T.: 8.632 min
Delta R.T.: 0.005 min
Response: 7261118
Conc: 54.18 ug/ml



#5 N-HEXADECANE

R.T.: 10.242 min
Delta R.T.: 0.007 min
Response: 7288712
Conc: 53.97 ug/ml



#6 N-OCTADECANE

R.T.: 11.688 min
Delta R.T.: 0.010 min
Response: 7415021
Conc: 53.49 ug/ml

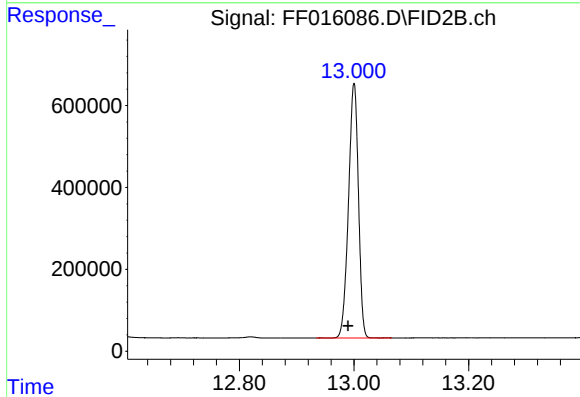
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

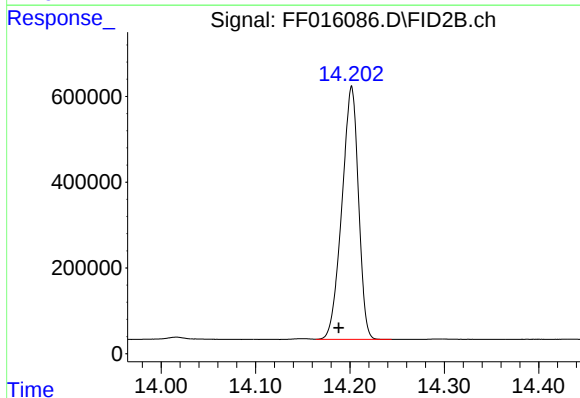
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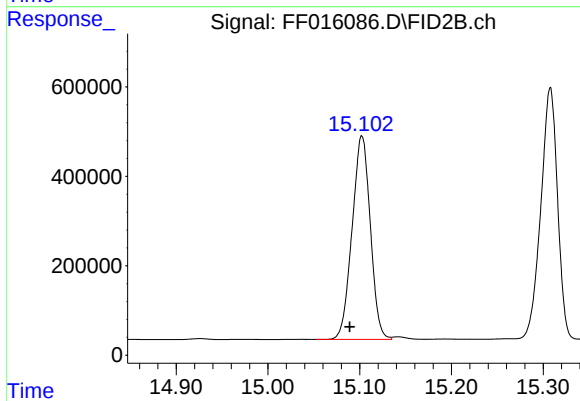
#7 N-EICOSANE

R.T.: 13.000 min
Delta R.T.: 0.011 min
Response: 7472610
Conc: 53.51 ug/ml



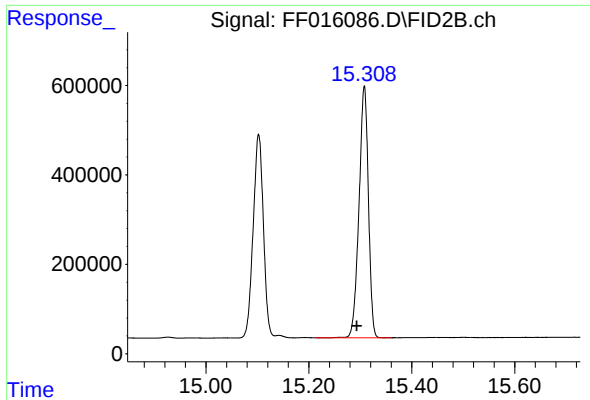
#8 N-DOCOSANE

R.T.: 14.202 min
Delta R.T.: 0.014 min
Response: 7210488
Conc: 53.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.102 min
Delta R.T.: 0.013 min
Response: 6281883
Conc: 52.03 ug/ml



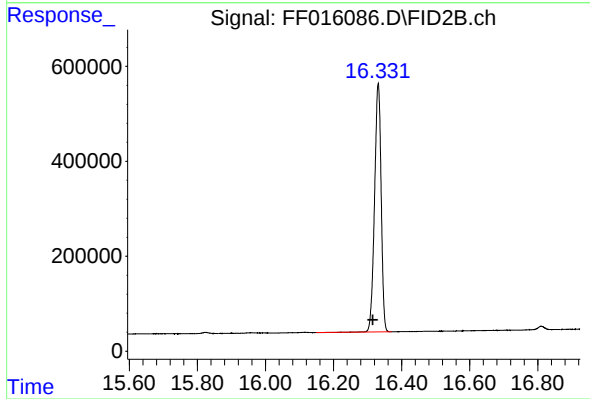
#10 N-TETRACOSANE

R.T.: 15.308 min
Delta R.T.: 0.015 min
Response: 7136812
Conc: 52.66 ug/ml

Instrument :
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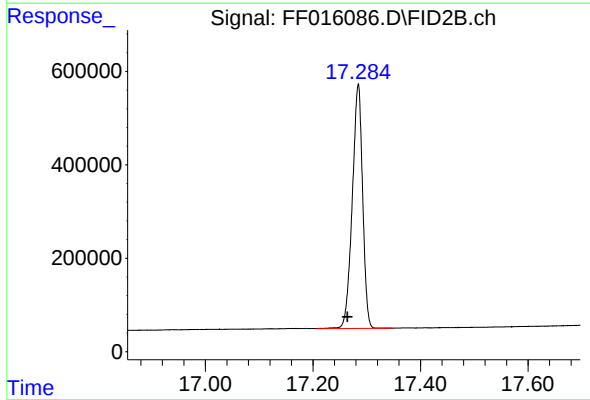
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#11 N-HEXACOSANE

R.T.: 16.331 min
Delta R.T.: 0.016 min
Response: 7018617
Conc: 52.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.284 min
Delta R.T.: 0.020 min
Response: 6994610
Conc: 52.98 ug/ml m