

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016283.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 19:41
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/14/2025

Integration File: autoint1.e
 Quant Time: Jul 11 04:15:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.209	5452164	54.529 ug/ml
Target Compounds			
2) N-DECANE	4.675	6030070	52.356 ug/ml
3) N-DODECANE	6.858	6151853	53.060 ug/ml
4) N-TETRADECANE	8.700	6191181	52.453 ug/ml
5) N-HEXADECANE	10.320	6251931	54.052 ug/ml
6) N-OCTADECANE	11.774	6392200	54.458 ug/ml
7) N-EICOSANE	13.095	6421260	53.675 ug/ml
8) N-DOCOSANE	14.304	6215950	53.939 ug/ml
10) N-TETRACOSANE	15.415	6149152	53.820 ug/ml
11) N-HEXACOSANE	16.444	5994403	54.475 ug/ml
12) N-OCTACOSANE	17.401	5836631	53.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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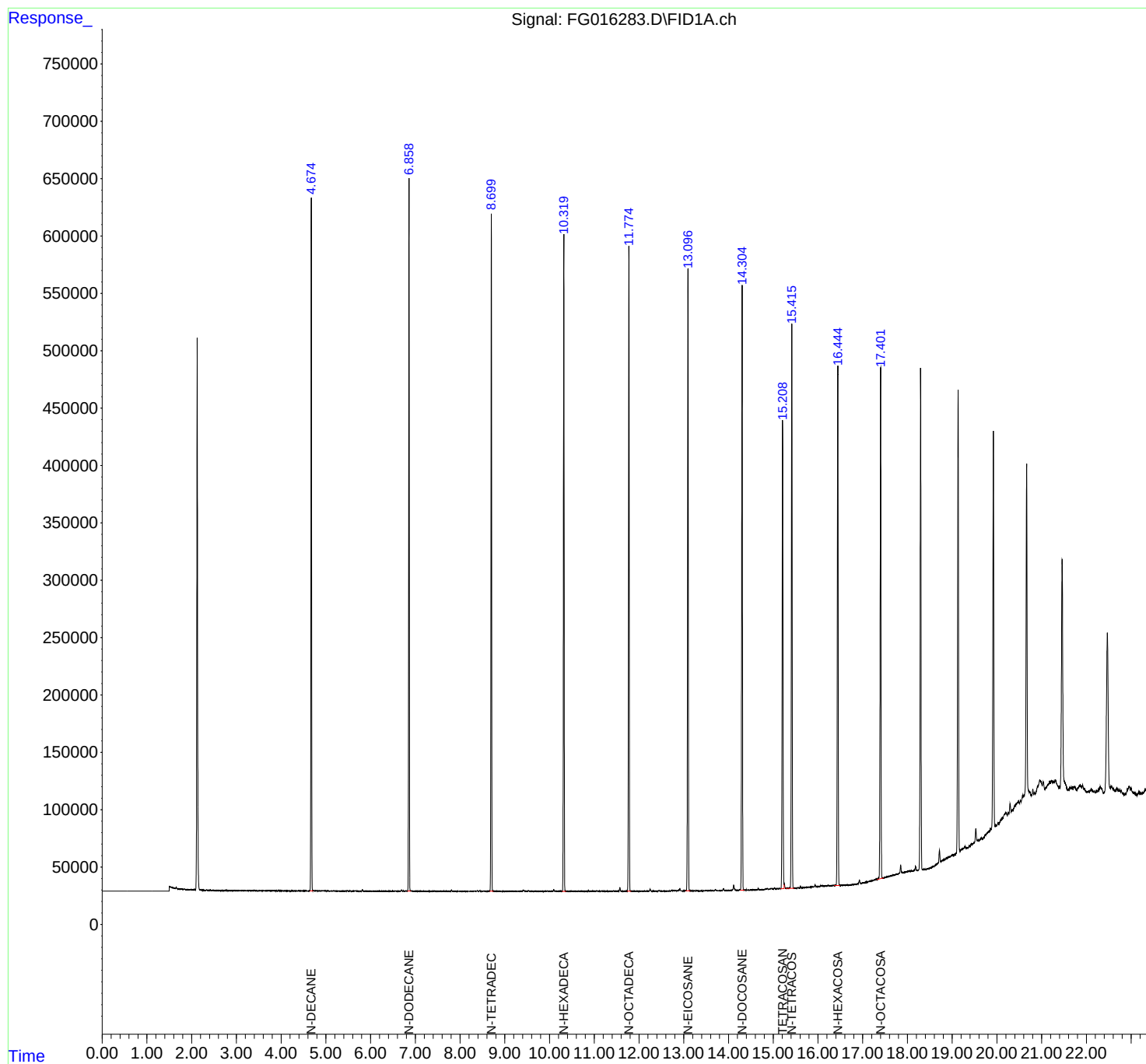
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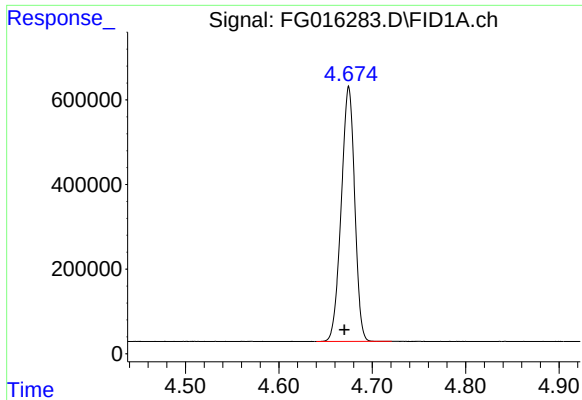
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#2 N-DECANE

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 6030070
Conc: 52.36 ug/ml

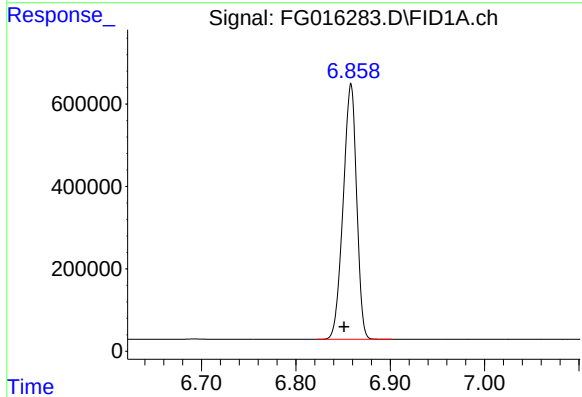
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

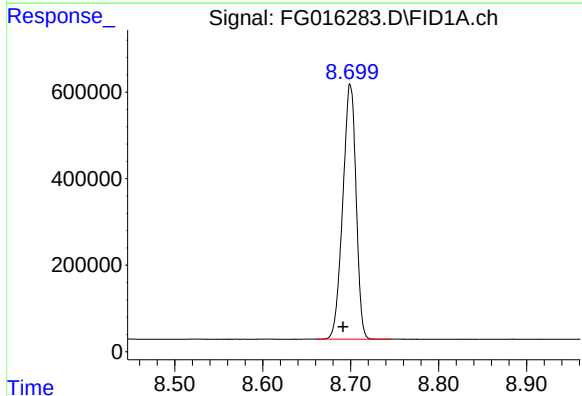
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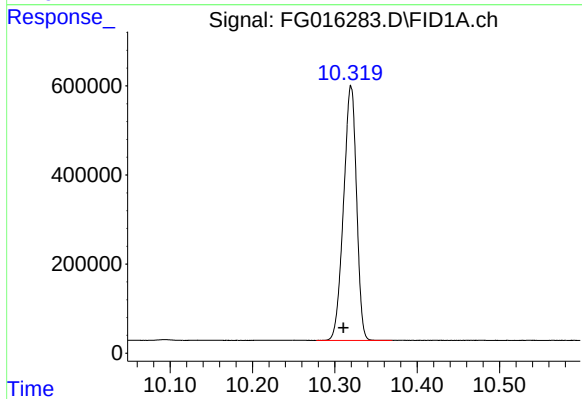
#3 N-DODECANE

R.T.: 6.858 min
Delta R.T.: 0.007 min
Response: 6151853
Conc: 53.06 ug/ml



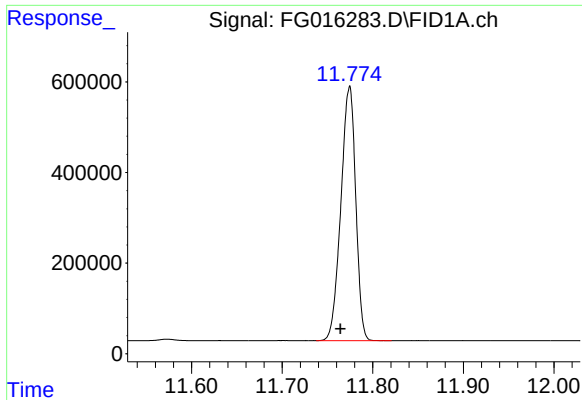
#4 N-TETRADECANE

R.T.: 8.700 min
Delta R.T.: 0.008 min
Response: 6191181
Conc: 52.45 ug/ml



#5 N-HEXADECANE

R.T.: 10.320 min
Delta R.T.: 0.009 min
Response: 6251931
Conc: 54.05 ug/ml



#6 N-OCTADECANE

R.T.: 11.774 min
Delta R.T.: 0.010 min
Response: 6392200
Conc: 54.46 ug/ml

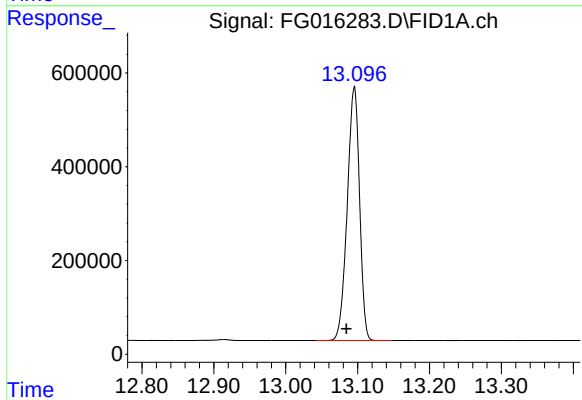
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

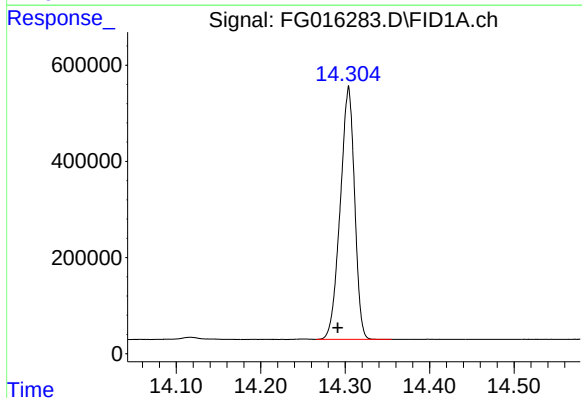
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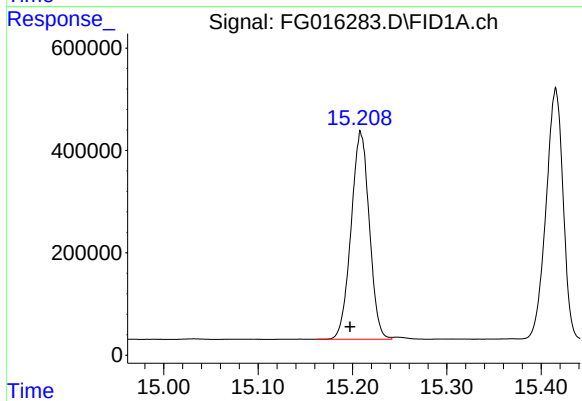
#7 N-EICOSANE

R.T.: 13.095 min
Delta R.T.: 0.011 min
Response: 6421260
Conc: 53.68 ug/ml



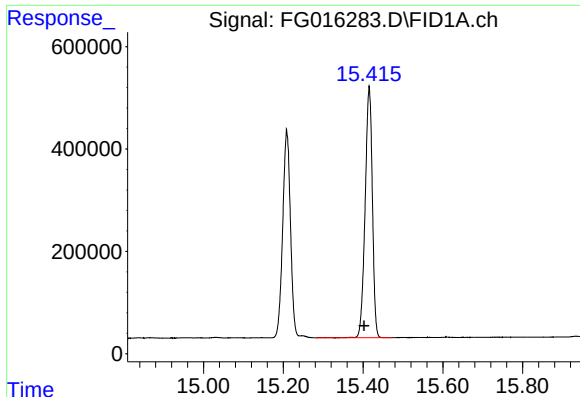
#8 N-DOCOSANE

R.T.: 14.304 min
Delta R.T.: 0.013 min
Response: 6215950
Conc: 53.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.209 min
Delta R.T.: 0.011 min
Response: 5452164
Conc: 54.53 ug/ml



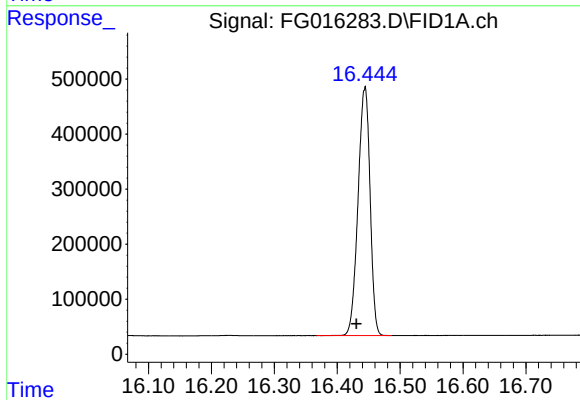
#10 N-TETRACOSANE

R.T.: 15.415 min
Delta R.T.: 0.013 min
Response: 6149152
Conc: 53.82 ug/ml

Instrument :
FID_G
ClientSampleId :
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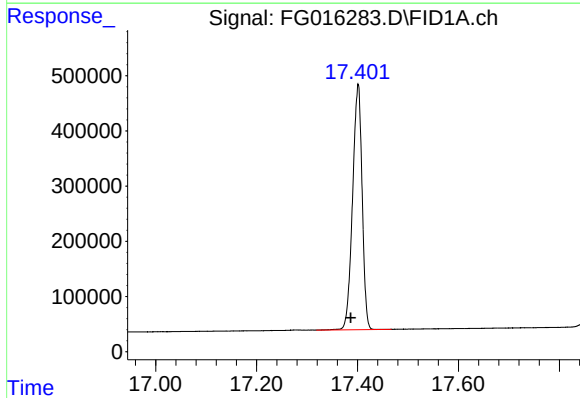
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#11 N-HEXACOSANE

R.T.: 16.444 min
Delta R.T.: 0.014 min
Response: 5994403
Conc: 54.47 ug/ml



#12 N-OCTACOSANE

R.T.: 17.401 min
Delta R.T.: 0.014 min
Response: 5836631
Conc: 53.67 ug/ml m