

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016425.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 17:37
 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 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e
 Quant Time: Aug 28 04:24:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.191	4944765	51.900 ug/mlm
Target Compounds			
2) N-DECANE	4.658	5650602	52.289 ug/ml
3) N-DODECANE	6.841	5705707	52.501 ug/ml
4) N-TETRADECANE	8.683	5750207	52.590 ug/ml
5) N-HEXADECANE	10.302	5716705	52.593 ug/ml
6) N-OCTADECANE	11.757	5810607	52.530 ug/ml
7) N-EICOSANE	13.077	5912033	52.307 ug/ml
8) N-DOCOSANE	14.285	5712646	52.000 ug/ml
10) N-TETRACOSANE	15.396	5674724	51.790 ug/ml
11) N-HEXACOSANE	16.425	5496848	51.397 ug/ml
12) N-OCTACOSANE	17.382	5516562	51.206 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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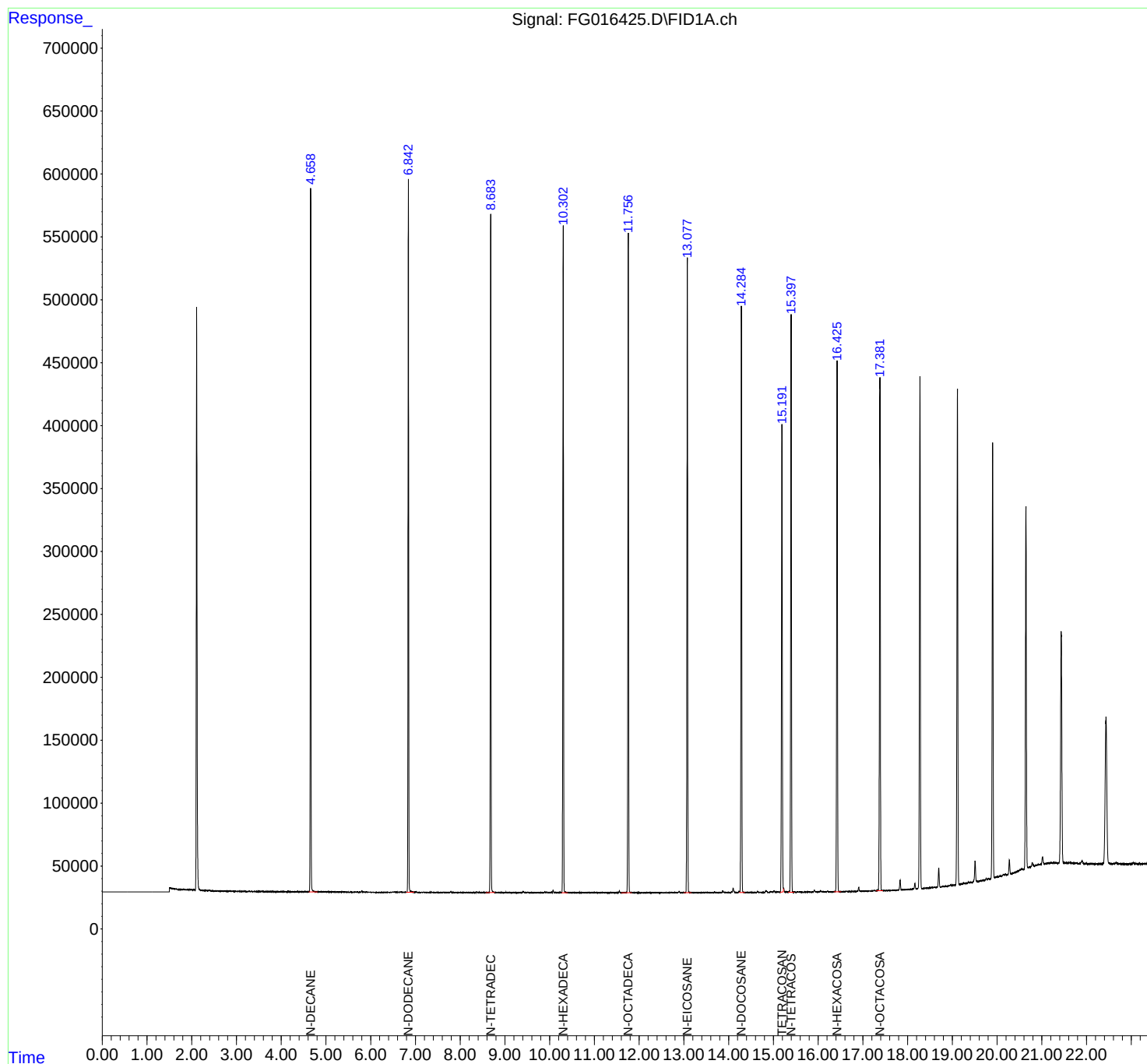
Instrument :
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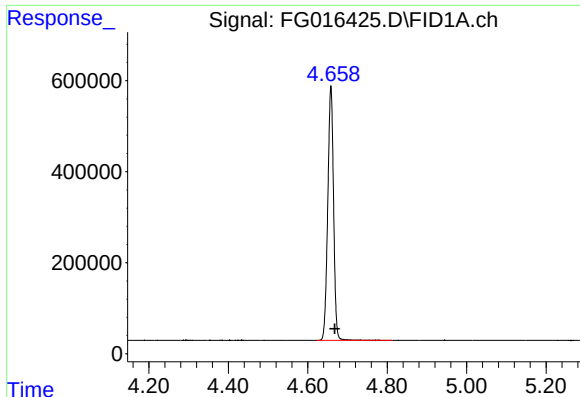
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#2 N-DECANE

R.T.: 4.658 min
Delta R.T.: -0.010 min
Response: 5650602
Conc: 52.29 ug/ml

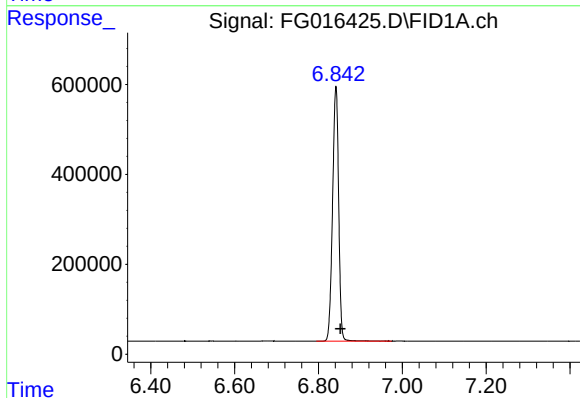
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

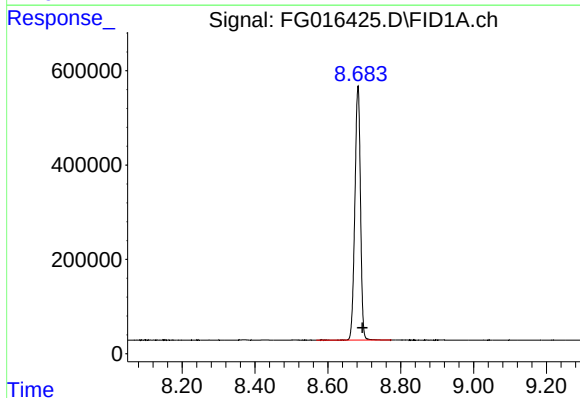
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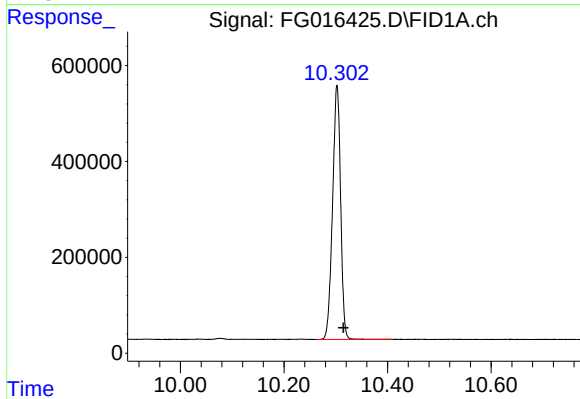
#3 N-DODECANE

R.T.: 6.841 min
Delta R.T.: -0.011 min
Response: 5705707
Conc: 52.50 ug/ml



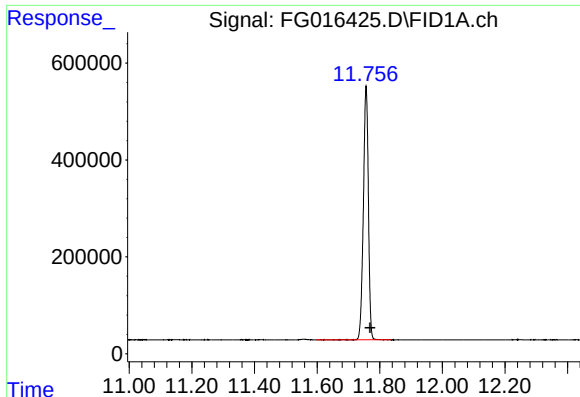
#4 N-TETRADECANE

R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 5750207
Conc: 52.59 ug/ml



#5 N-HEXADECANE

R.T.: 10.302 min
Delta R.T.: -0.012 min
Response: 5716705
Conc: 52.59 ug/ml



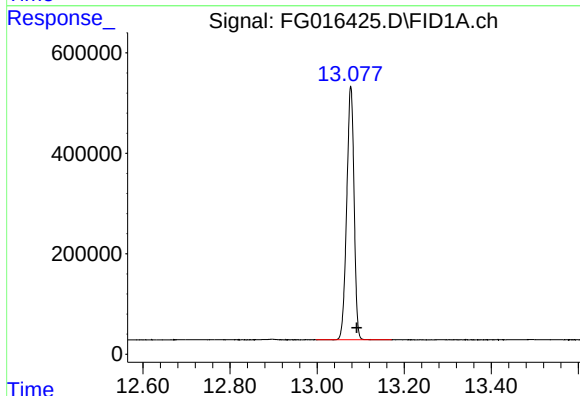
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.013 min
Response: 5810607
Conc: 52.53 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

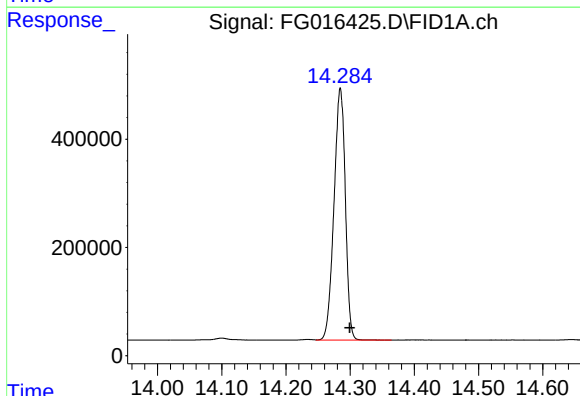
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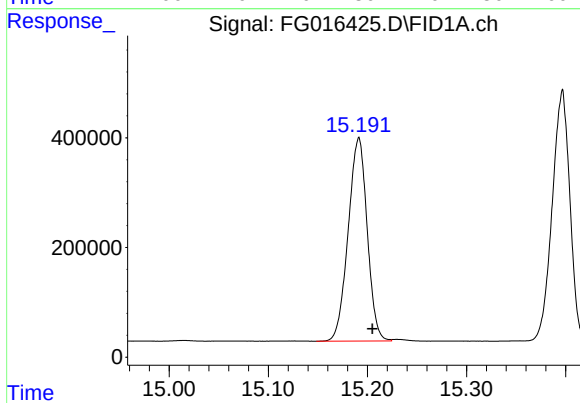
#7 N-EICOSANE

R.T.: 13.077 min
Delta R.T.: -0.013 min
Response: 5912033
Conc: 52.31 ug/ml



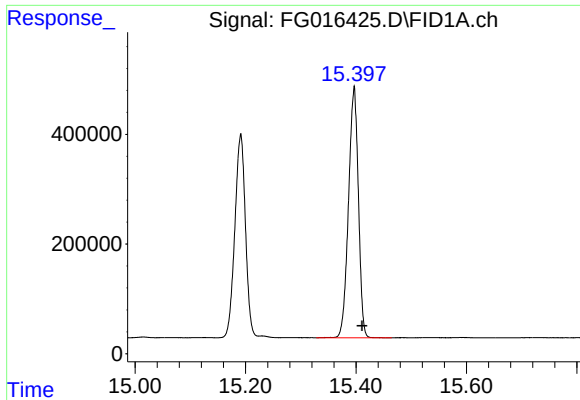
#8 N-DOCOSANE

R.T.: 14.285 min
Delta R.T.: -0.015 min
Response: 5712646
Conc: 52.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.191 min
Delta R.T.: -0.014 min
Response: 4944765
Conc: 51.90 ug/ml m



#10 N-TETRACOSANE

R.T.: 15.396 min
Delta R.T.: -0.015 min
Response: 5674724
Conc: 51.79 ug/ml

Instrument :

FID_G

ClientSampleId :

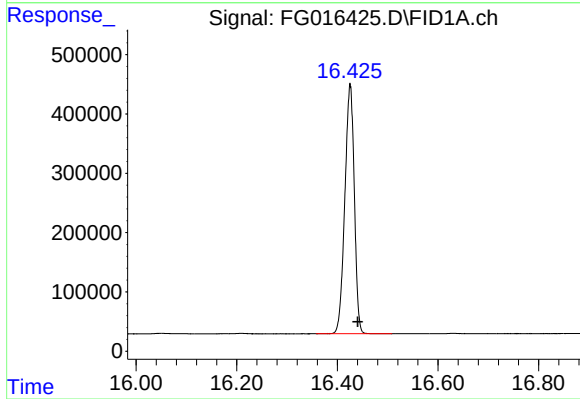
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Manual Integrations

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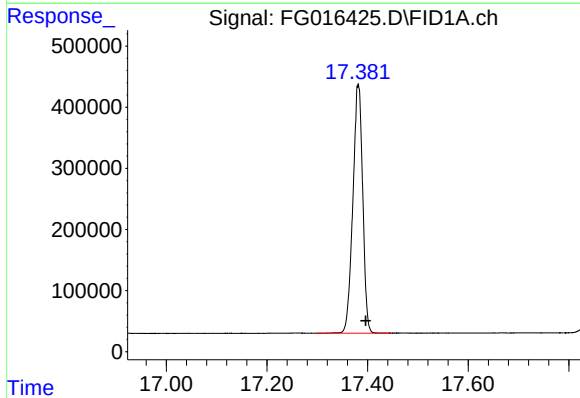
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#11 N-HEXACOSANE

R.T.: 16.425 min
Delta R.T.: -0.015 min
Response: 5496848
Conc: 51.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.382 min
Delta R.T.: -0.015 min
Response: 5516562
Conc: 51.21 ug/ml