

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016404.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 19:26
 Operator : YP\AJ
 Sample : Q2893-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
 Quant Time: Aug 27 04:18:47 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...	15.193	2126830	22.323 ug/ml
Target Compounds			
2) N-DECANE	4.660	604559	5.594 ug/ml
3) N-DODECANE	6.843	600125	5.522 ug/ml
4) N-TETRADECANE	8.684	618825	5.660 ug/ml
5) N-HEXADECANE	10.303	614967	5.658 ug/ml
6) N-OCTADECANE	11.757	636947	5.758 ug/ml
7) N-EICOSANE	13.078	652625	5.774 ug/ml
8) N-DOCOSANE	14.285	634701	5.777 ug/ml
10) N-TETRACOSANE	15.397	643810	5.876 ug/ml
11) N-HEXACOSANE	16.426	613822	5.739 ug/ml
12) N-OCTACOSANE	17.382	620658	5.761 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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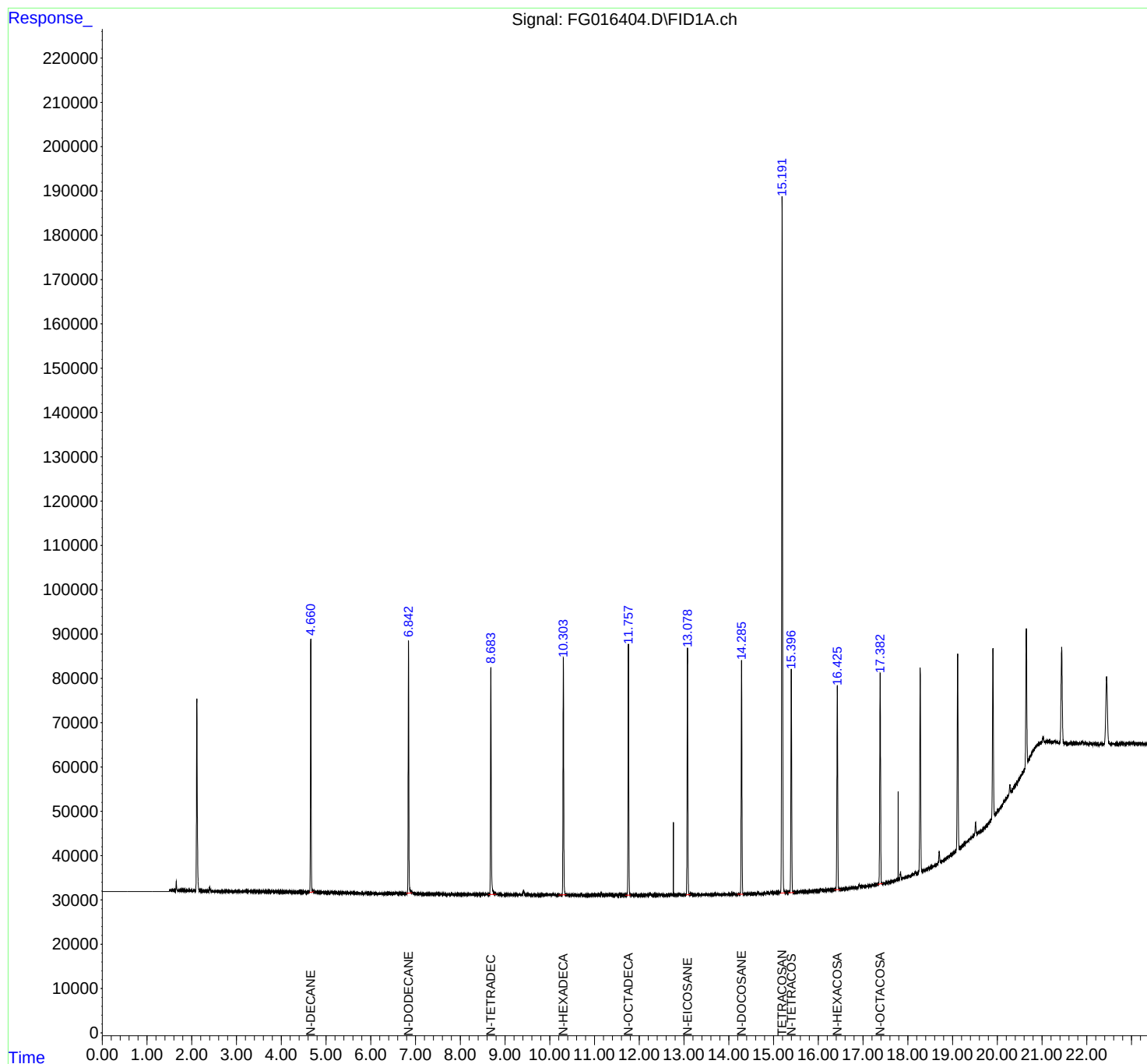
Instrument :
FID_G
ClientSampleId :

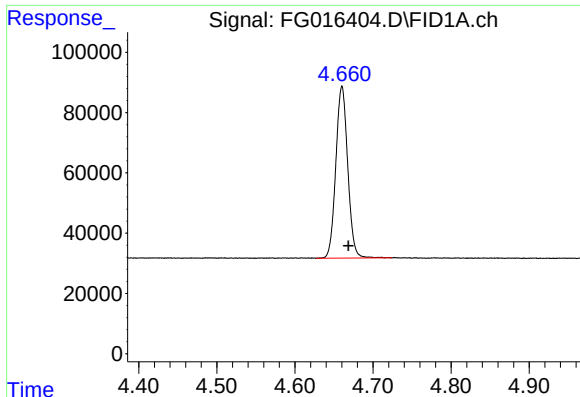
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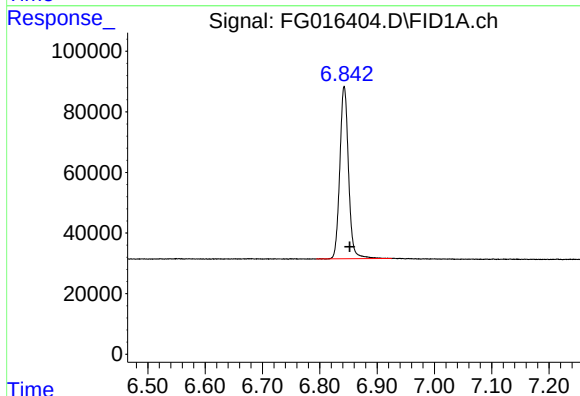
#2 N-DECANE

R.T.: 4.660 min
Delta R.T.: -0.008 min
Response: 604559
Conc: 5.59 ug/ml

Instrument :
FID_G
ClientSampleId :

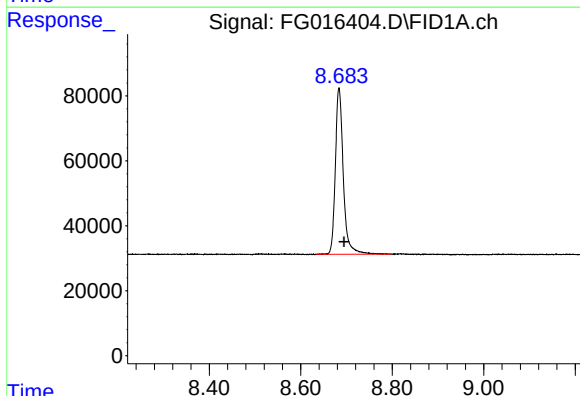
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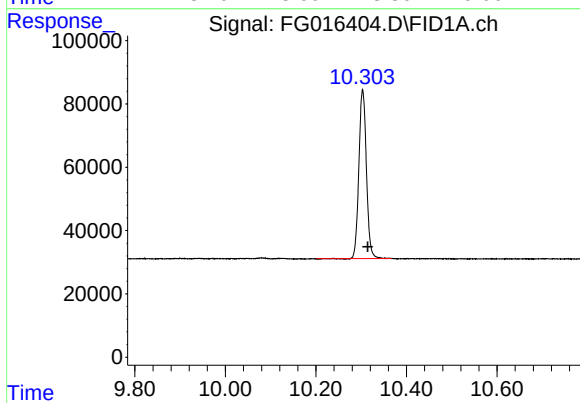
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 600125
Conc: 5.52 ug/ml



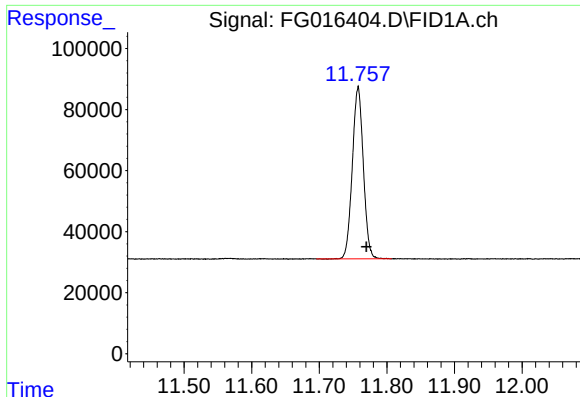
#4 N-TETRADECANE

R.T.: 8.684 min
Delta R.T.: -0.011 min
Response: 618825
Conc: 5.66 ug/ml



#5 N-HEXADECANE

R.T.: 10.303 min
Delta R.T.: -0.011 min
Response: 614967
Conc: 5.66 ug/ml



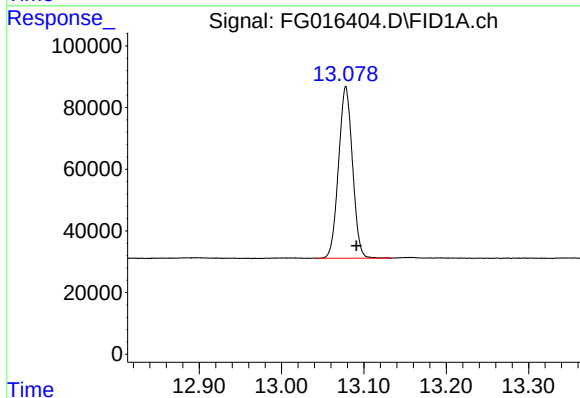
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.012 min
Response: 636947
Conc: 5.76 ug/ml

Instrument :
FID_G
ClientSampleId :

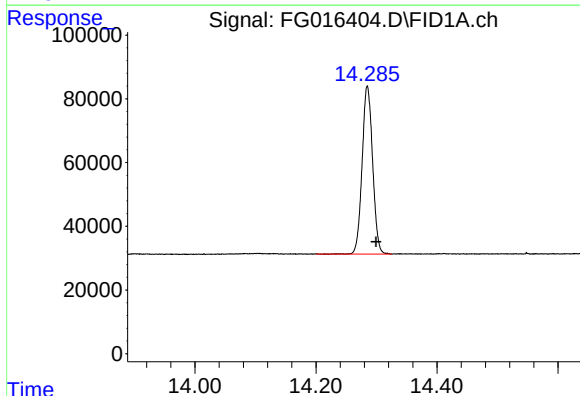
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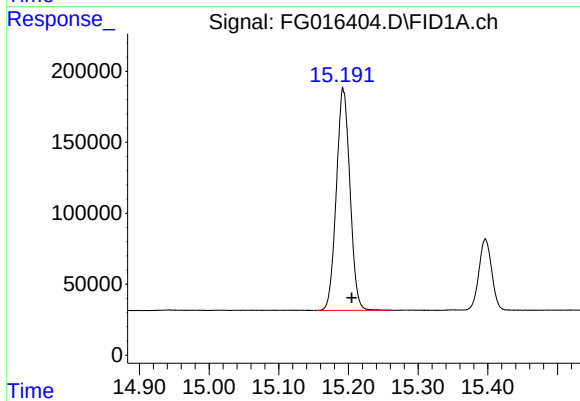
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 652625
Conc: 5.77 ug/ml



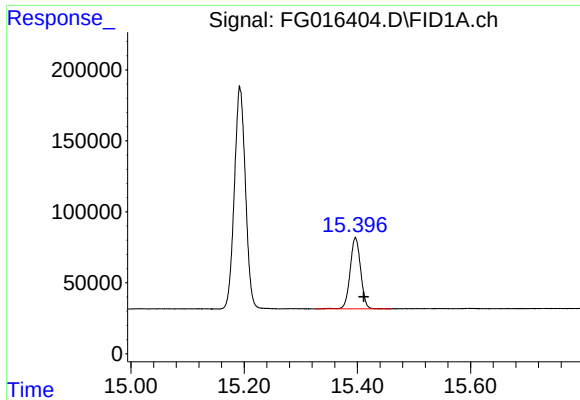
#8 N-DOCOSANE

R.T.: 14.285 min
Delta R.T.: -0.014 min
Response: 634701
Conc: 5.78 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.193 min
Delta R.T.: -0.012 min
Response: 2126830
Conc: 22.32 ug/ml



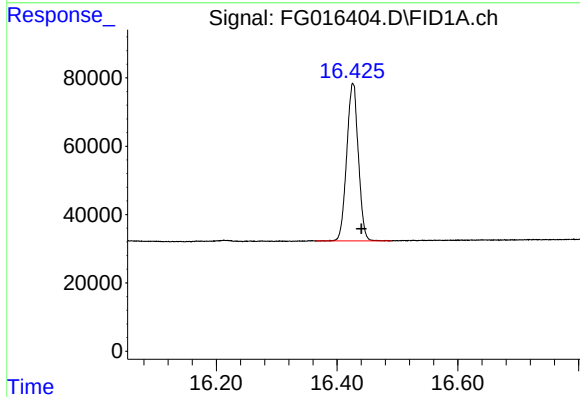
#10 N-TETRACOSANE

R.T.: 15.397 min
Delta R.T.: -0.015 min
Response: 643810
Conc: 5.88 ug/ml

Instrument :
FID_G
ClientSampleId :

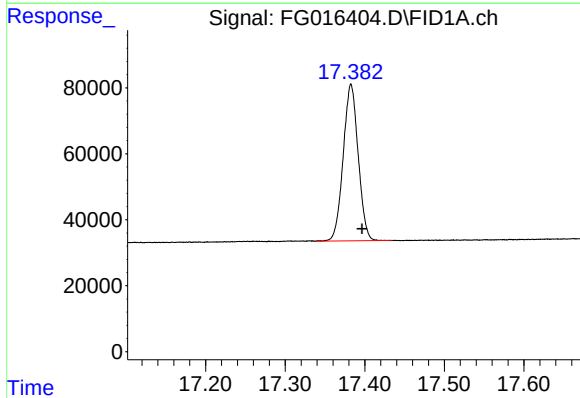
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#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: -0.014 min
Response: 613822
Conc: 5.74 ug/ml



#12 N-OCTACOSANE

R.T.: 17.382 min
Delta R.T.: -0.015 min
Response: 620658
Conc: 5.76 ug/ml m