

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016416.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 13:08
 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 04:21:14 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	4901650	51.448 ug/ml
Target Compounds			
1) N-OCTANE	2.111	5341525	50.335 ug/ml
2) N-DECANE	4.659	5573305	51.573 ug/ml
3) N-DODECANE	6.843	5637276	51.871 ug/ml
4) N-TETRADECANE	8.683	5681180	51.959 ug/ml
5) N-HEXADECANE	10.303	5646918	51.951 ug/ml
6) N-OCTADECANE	11.757	5743337	51.922 ug/ml
7) N-EICOSANE	13.078	5840185	51.671 ug/ml
8) N-DOCOSANE	14.286	5655795	51.482 ug/ml
10) N-TETRACOSANE	15.398	5620211	51.293 ug/ml
11) N-HEXACOSANE	16.426	5456643	51.021 ug/ml
12) N-OCTACOSANE	17.382	5482752	50.892 ug/ml
13) N-TRIACONTANE	18.276	5530906	50.761 ug/ml
14) N-DOTRIACONTANE	19.114	5373362	51.014 ug/ml
15) N-TETRATRIACONTANE	19.903	4862916	51.035 ug/ml
16) N-HEXATRIACONTANE	20.646	4040804	54.079 ug/mlm
17) N-OCTATRIACONTANE	21.435	3440045	57.374 ug/mlm
18) N-TETRACONTANE	22.435	3031648	72.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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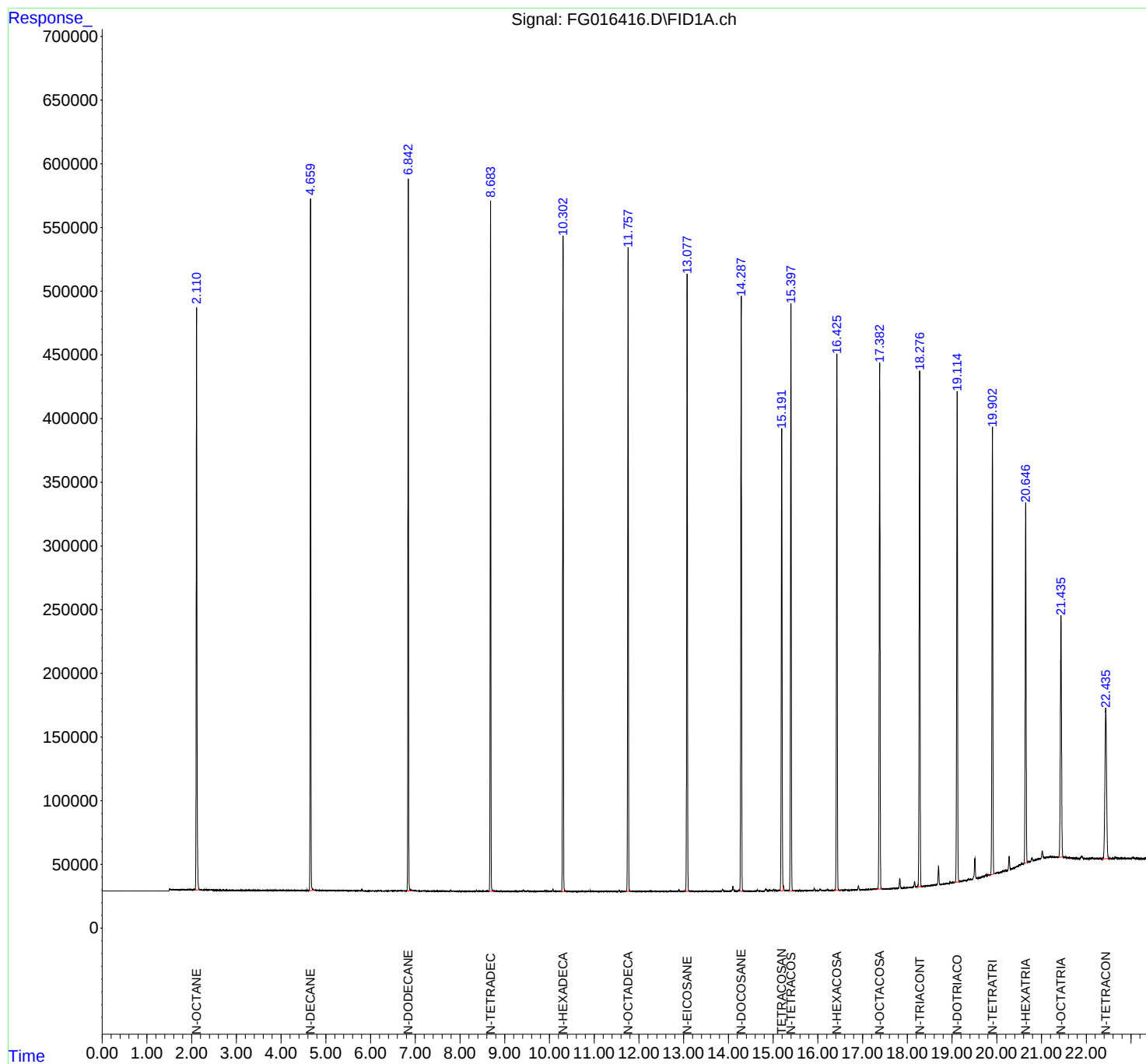
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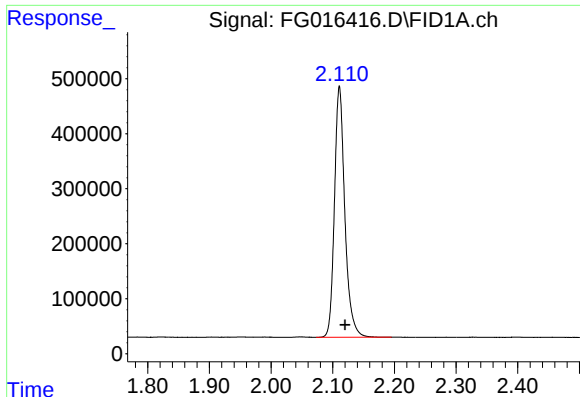
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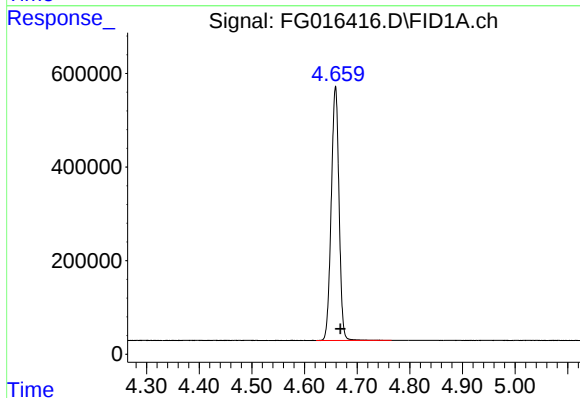
#1 N-OCTANE

R.T.: 2.111 min
Delta R.T.: -0.009 min
Response: 5341525
Conc: 50.34 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

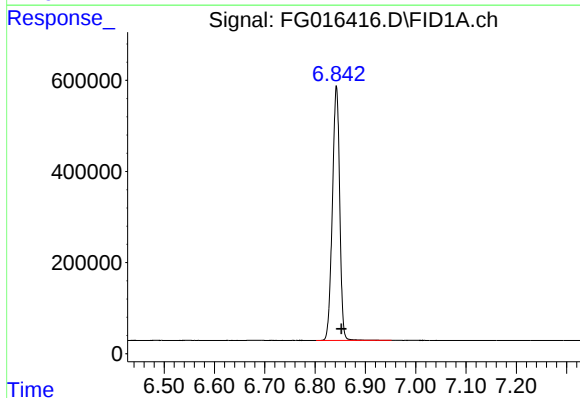
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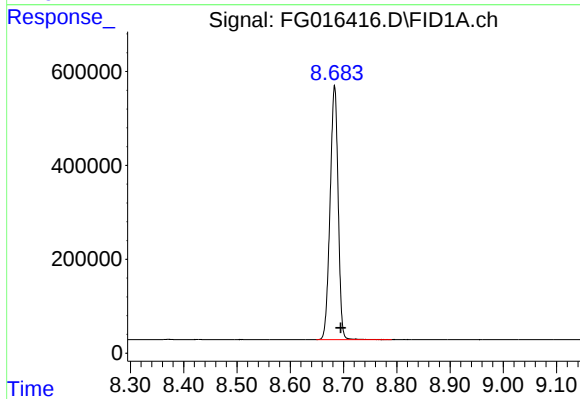
#2 N-DECANE

R.T.: 4.659 min
Delta R.T.: -0.009 min
Response: 5573305
Conc: 51.57 ug/ml



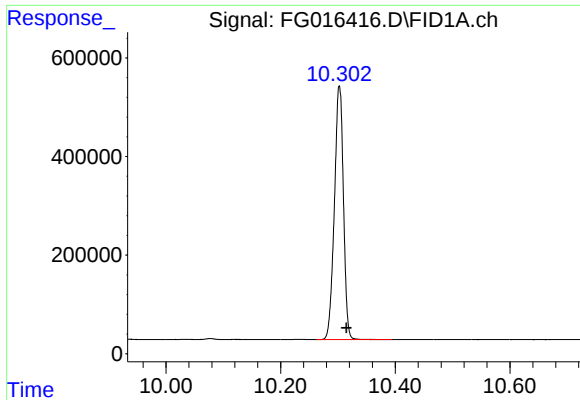
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 5637276
Conc: 51.87 ug/ml



#4 N-TETRADECANE

R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 5681180
Conc: 51.96 ug/ml



#5 N-HEXADECANE

R.T.: 10.303 min
Delta R.T.: -0.012 min
Response: 5646918
Conc: 51.95 ug/ml

Instrument :

FID_G

ClientSampleId :

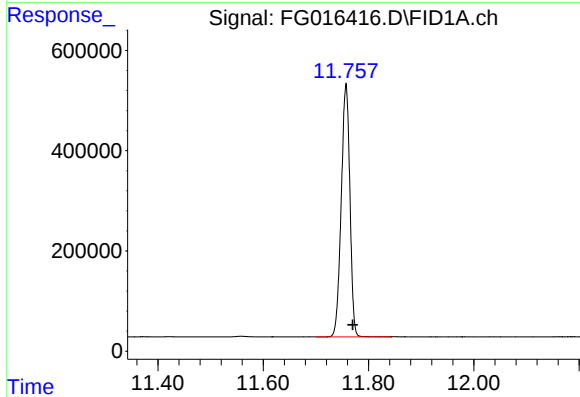
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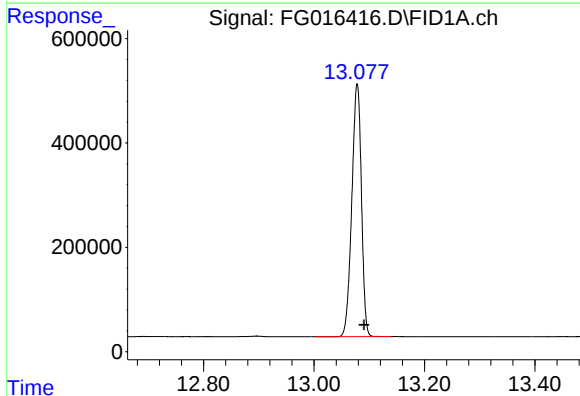
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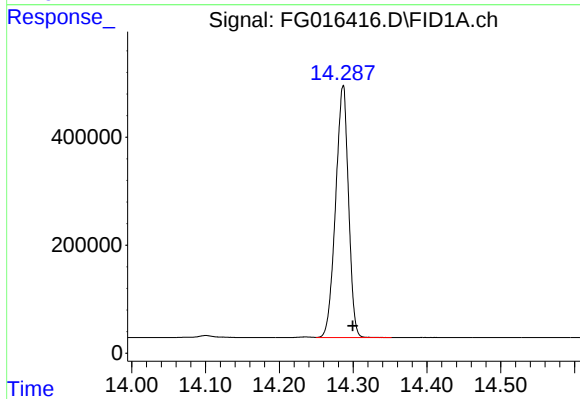
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.013 min
Response: 5743337
Conc: 51.92 ug/ml



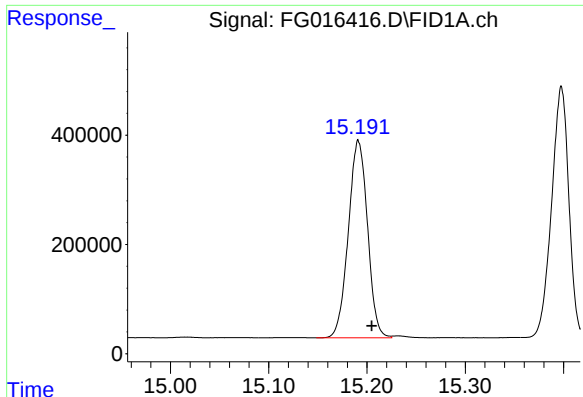
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 5840185
Conc: 51.67 ug/ml



#8 N-DOCOSANE

R.T.: 14.286 min
Delta R.T.: -0.013 min
Response: 5655795
Conc: 51.48 ug/ml



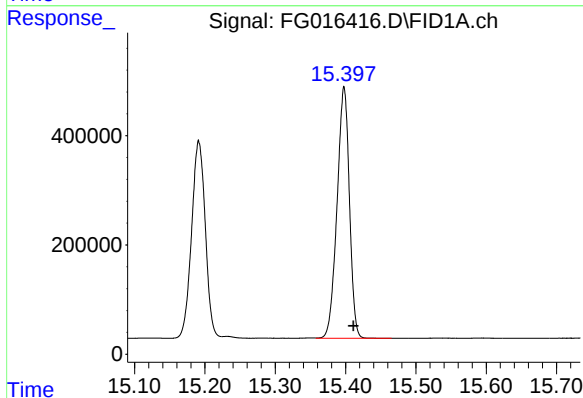
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.191 min
Delta R.T.: -0.014 min
Response: 4901650
Conc: 51.45 ug/ml

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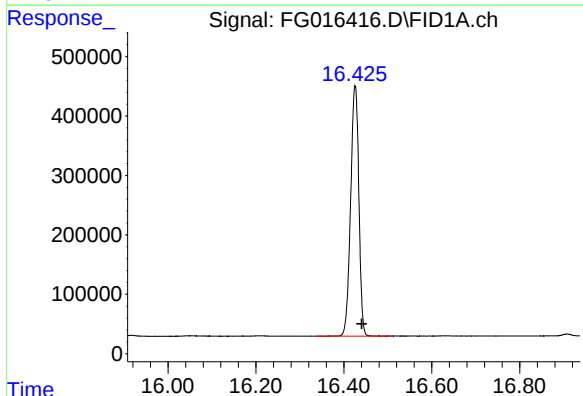
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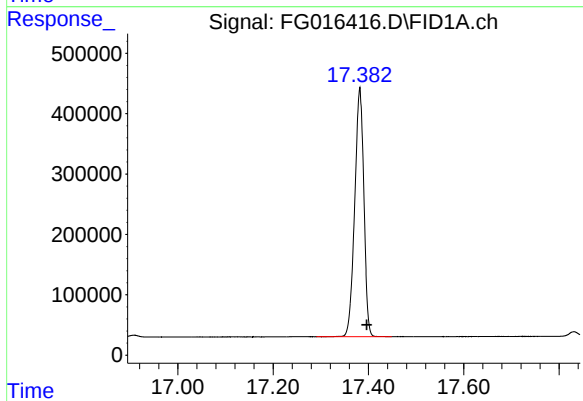
#10 N-TETRACOSANE

R.T.: 15.398 min
Delta R.T.: -0.013 min
Response: 5620211
Conc: 51.29 ug/ml



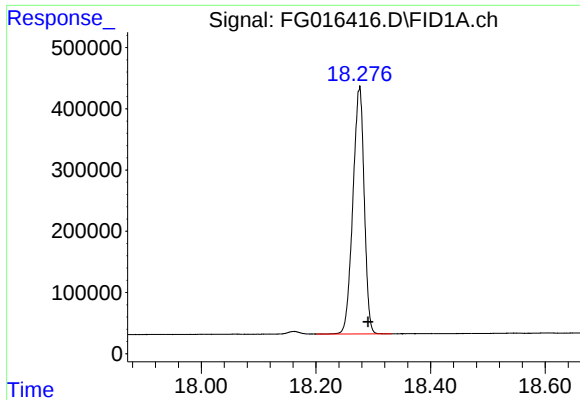
#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: -0.015 min
Response: 5456643
Conc: 51.02 ug/ml



#12 N-OCTACOSANE

R.T.: 17.382 min
Delta R.T.: -0.015 min
Response: 5482752
Conc: 50.89 ug/ml



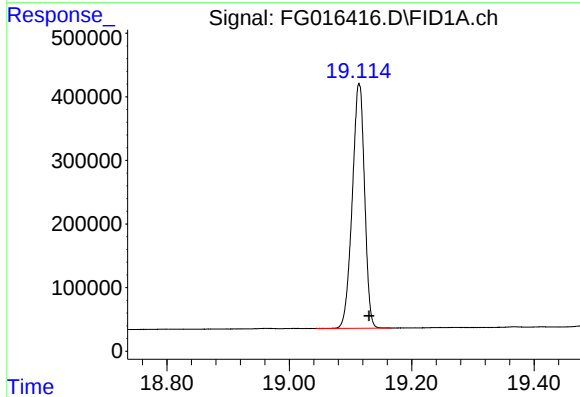
#13 N-TRIACONTANE

R.T.: 18.276 min
Delta R.T.: -0.015 min
Response: 5530906
Conc: 50.76 ug/ml

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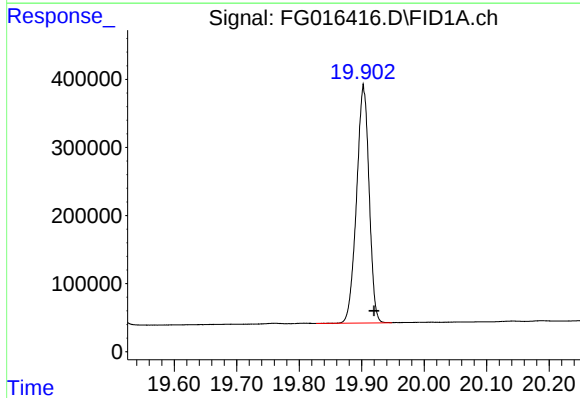
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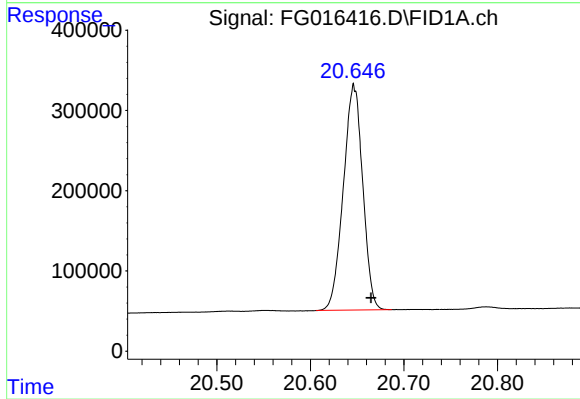
#14 N-DOTRIACONTANE

R.T.: 19.114 min
Delta R.T.: -0.016 min
Response: 5373362
Conc: 51.01 ug/ml



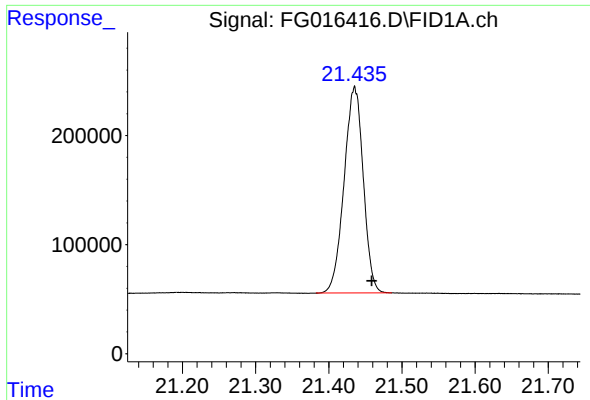
#15 N-TETRATRIACONTANE

R.T.: 19.903 min
Delta R.T.: -0.017 min
Response: 4862916
Conc: 51.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.646 min
Delta R.T.: -0.019 min
Response: 4040804
Conc: 54.08 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.435 min
Delta R.T.: -0.024 min
Response: 3440045
Conc: 57.37 ug/ml

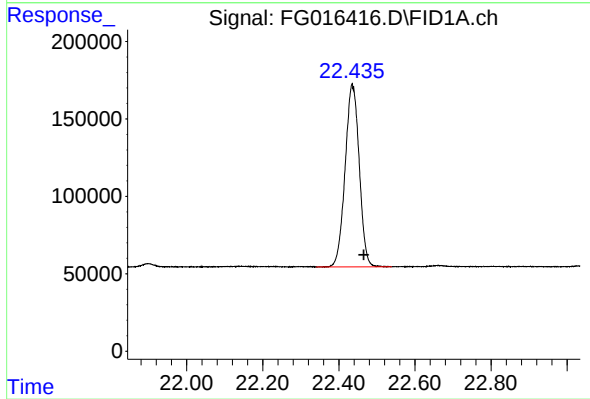
Instrument :

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#18 N-TETRACONTANE

R.T.: 22.435 min
Delta R.T.: -0.031 min
Response: 3031648
Conc: 72.13 ug/ml