

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016281.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 18:41
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 31 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 04:15:29 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...	15.210	4556753	45.574 ug/ml
Target Compounds			
1) N-OCTANE	2.125	5038476	44.619 ug/ml
2) N-DECANE	4.675	5182339	44.996 ug/ml
3) N-DODECANE	6.858	5241097	45.205 ug/ml
4) N-TETRADECANE	8.700	5280313	44.736 ug/ml
5) N-HEXADECANE	10.319	5254815	45.431 ug/ml
6) N-OCTADECANE	11.774	5350508	45.583 ug/ml
7) N-EICOSANE	13.096	5455724	45.604 ug/ml
8) N-DOCOSANE	14.304	5262067	45.662 ug/ml
10) N-TETRACOSANE	15.417	5189250	45.419 ug/ml
11) N-HEXACOSANE	16.445	4975914	45.219 ug/ml
12) N-OCTACOSANE	17.400	5005735	46.030 ug/mlm
13) N-TRIACONTANE	18.295	4940798	46.236 ug/ml
14) N-DOTRIACONTANE	19.134	4664192	46.125 ug/ml
15) N-TETRATRIACONTANE	19.923	4148407	45.593 ug/ml
16) N-HEXATRIACONTANE	20.665	3553557	47.186 ug/ml
17) N-OCTATRIACONTANE	21.460	3053518	46.918 ug/ml
18) N-TETRACONTANE	22.472	2523355	43.782 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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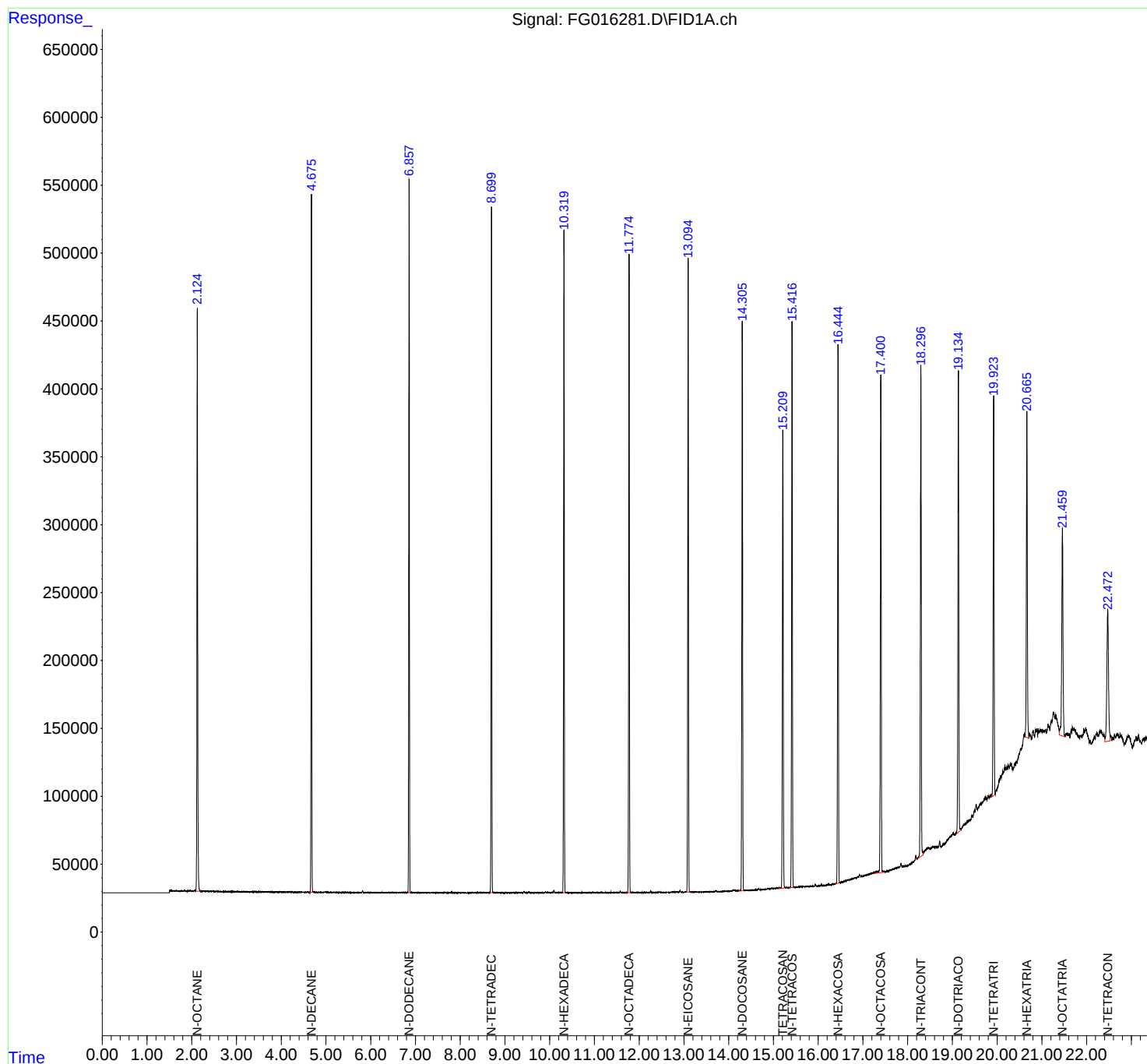
Instrument :
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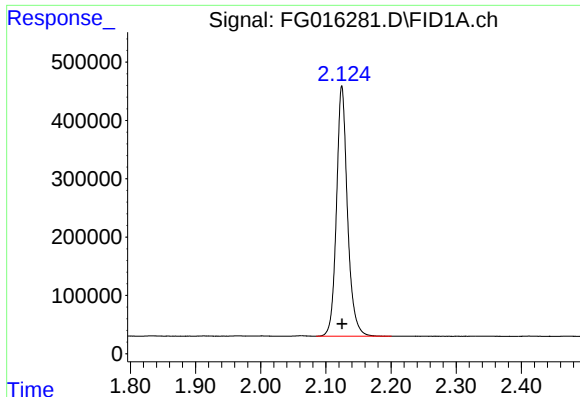
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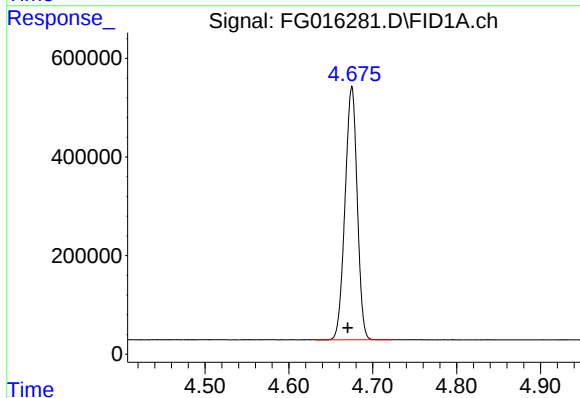
#1 N-OCTANE

R.T.: 2.125 min
Delta R.T.: 0.000 min
Response: 5038476
Conc: 44.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

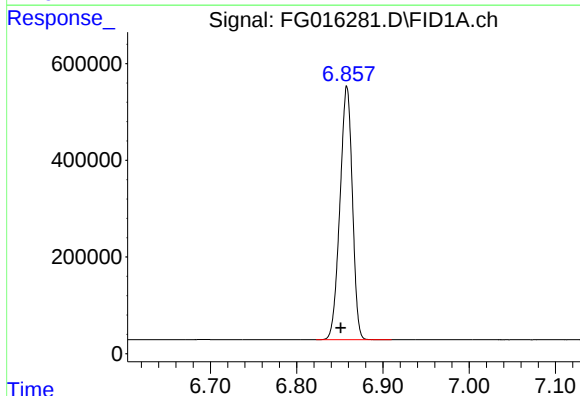
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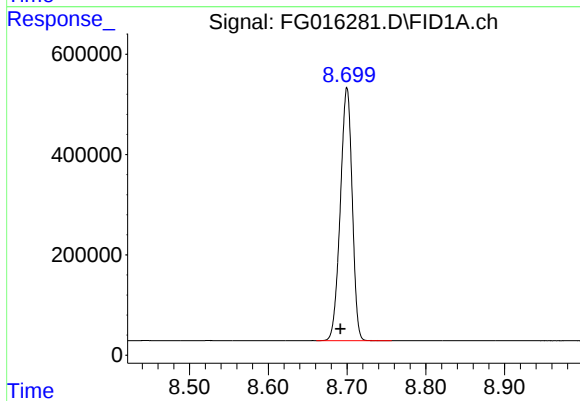
#2 N-DECANE

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 5182339
Conc: 45.00 ug/ml



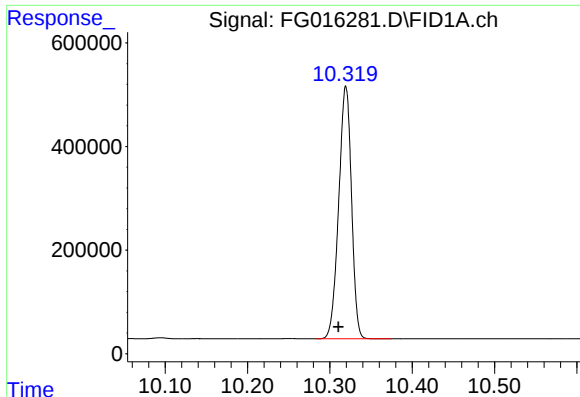
#3 N-DODECANE

R.T.: 6.858 min
Delta R.T.: 0.007 min
Response: 5241097
Conc: 45.20 ug/ml



#4 N-TETRADECANE

R.T.: 8.700 min
Delta R.T.: 0.008 min
Response: 5280313
Conc: 44.74 ug/ml



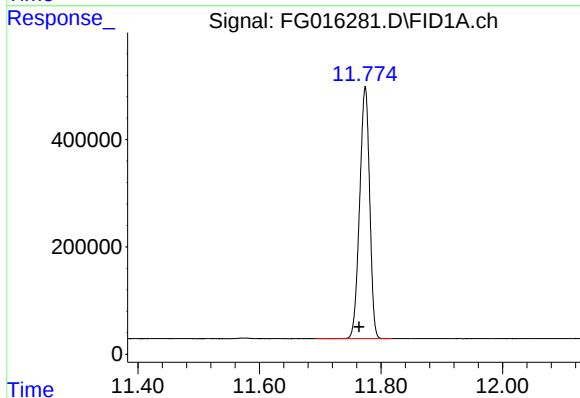
#5 N-HEXADECANE

R.T.: 10.319 min
Delta R.T.: 0.009 min
Response: 5254815
Conc: 45.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

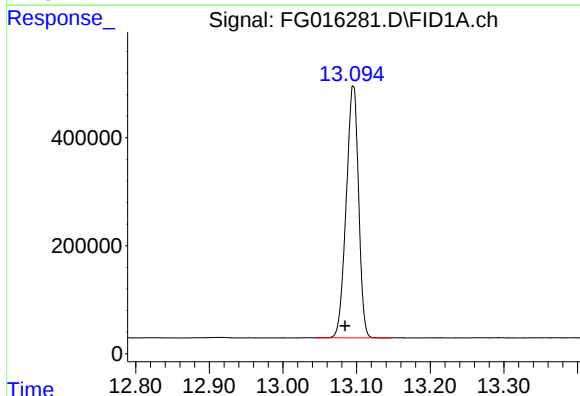
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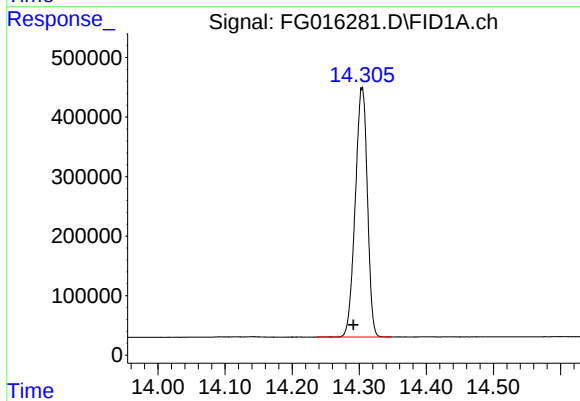
#6 N-OCTADECANE

R.T.: 11.774 min
Delta R.T.: 0.010 min
Response: 5350508
Conc: 45.58 ug/ml



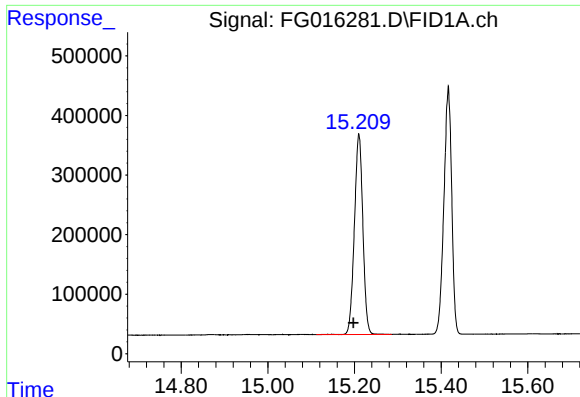
#7 N-EICOSANE

R.T.: 13.096 min
Delta R.T.: 0.011 min
Response: 5455724
Conc: 45.60 ug/ml



#8 N-DOCOSANE

R.T.: 14.304 min
Delta R.T.: 0.013 min
Response: 5262067
Conc: 45.66 ug/ml



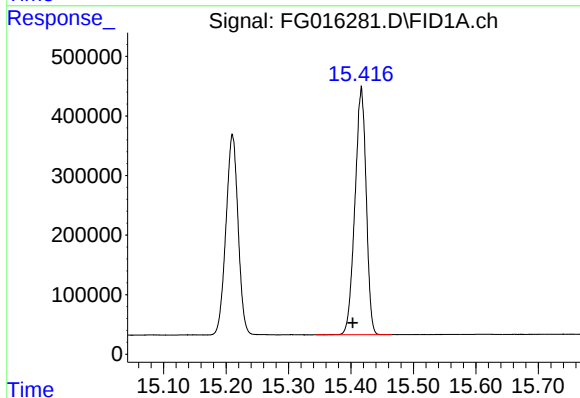
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.210 min
Delta R.T.: 0.013 min
Response: 4556753
Conc: 45.57 ug/ml

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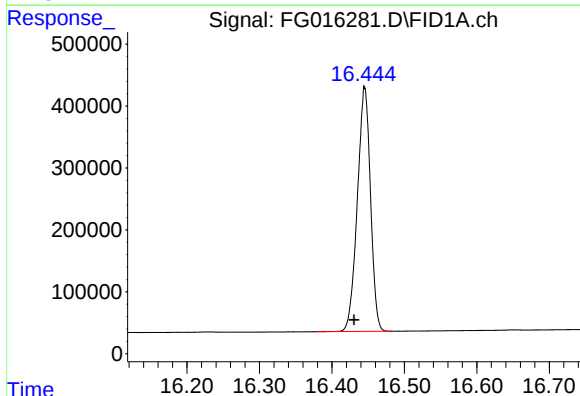
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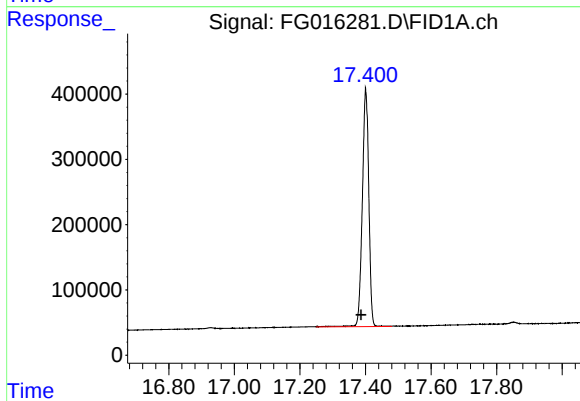
#10 N-TETRACOSANE

R.T.: 15.417 min
Delta R.T.: 0.014 min
Response: 5189250
Conc: 45.42 ug/ml



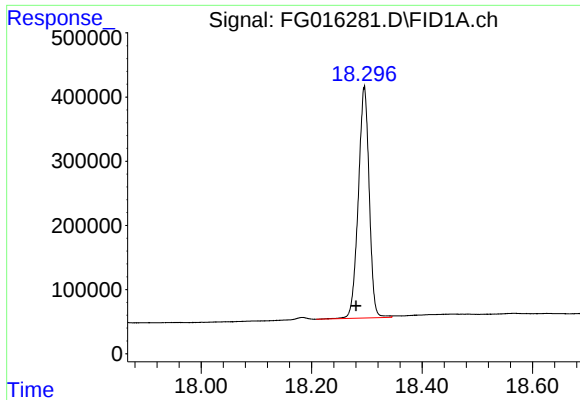
#11 N-HEXACOSANE

R.T.: 16.445 min
Delta R.T.: 0.015 min
Response: 4975914
Conc: 45.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.400 min
Delta R.T.: 0.013 min
Response: 5005735
Conc: 46.03 ug/ml m



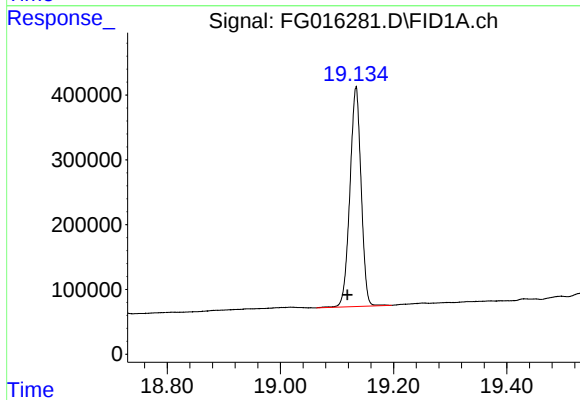
#13 N-TRIACONTANE

R.T.: 18.295 min
Delta R.T.: 0.015 min
Response: 4940798
Conc: 46.24 ug/ml

Instrument :
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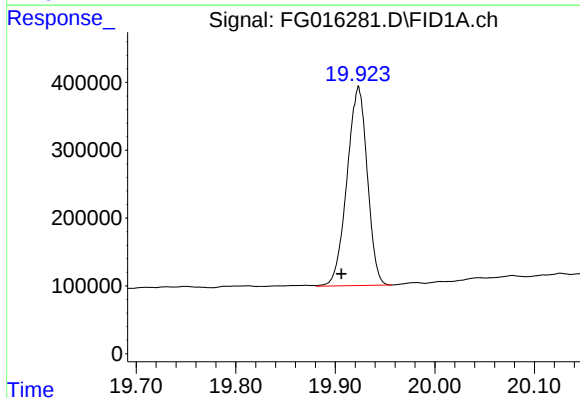
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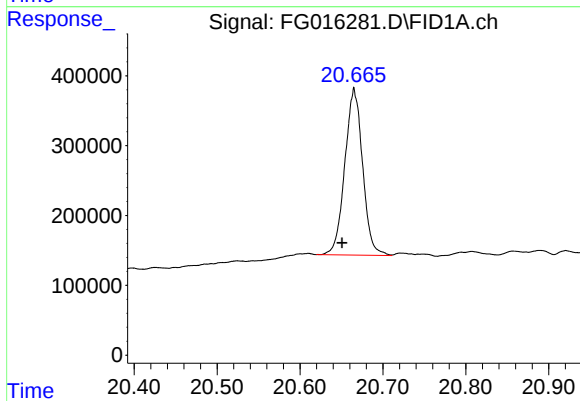
#14 N-DOTRIACONTANE

R.T.: 19.134 min
Delta R.T.: 0.015 min
Response: 4664192
Conc: 46.13 ug/ml



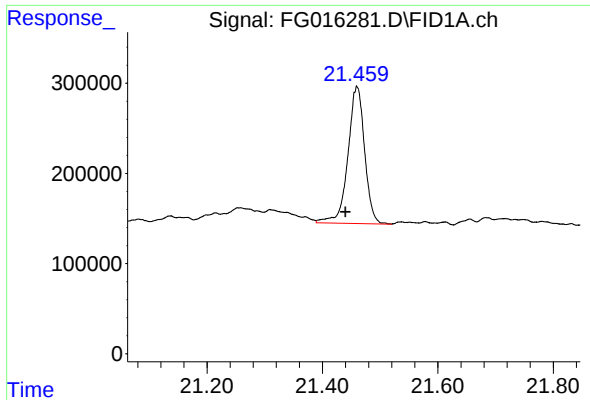
#15 N-TETRATRIACONTANE

R.T.: 19.923 min
Delta R.T.: 0.017 min
Response: 4148407
Conc: 45.59 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.665 min
Delta R.T.: 0.014 min
Response: 3553557
Conc: 47.19 ug/ml



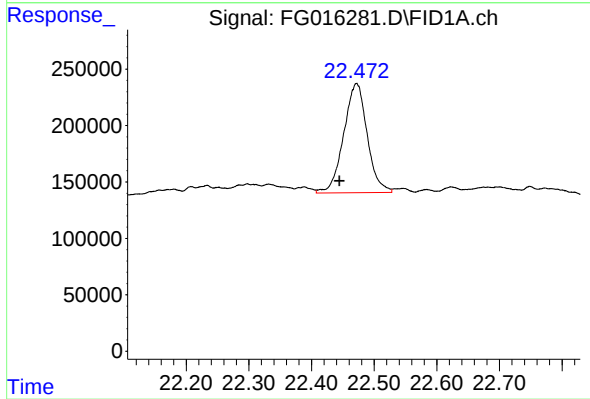
#17 N-OCTATRIACONTANE

R.T.: 21.460 min
Delta R.T.: 0.021 min
Response: 3053518
Conc: 46.92 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.472 min
Delta R.T.: 0.027 min
Response: 2523355
Conc: 43.78 ug/ml