

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102425\
 Data File : FG016827.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 13:26
 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 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File: Sample.e
 Quant Time: Oct 24 23:30:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:26:13 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...	15.152	6517909	53.117 ug/ml
Target Compounds			
1) N-OCTANE	2.085	6730138	52.200 ug/ml
2) N-DECANE	4.626	6963003	53.534 ug/ml
3) N-DODECANE	6.809	7222321	54.923 ug/ml
4) N-TETRADECANE	8.648	7226280	54.743 ug/ml
5) N-HEXADECANE	10.267	7284945	54.580 ug/ml
6) N-OCTADECANE	11.720	7494161	53.525 ug/ml
7) N-EICOSANE	13.039	7558932	53.266 ug/ml
8) N-DOCOSANE	14.247	7340696	52.967 ug/ml
10) N-TETRACOSANE	15.358	7274753	52.596 ug/ml
11) N-HEXACOSANE	16.386	7163027	52.381 ug/ml
12) N-OCTACOSANE	17.343	7002887	51.736 ug/ml
13) N-TRIACONTANE	18.236	6927268	51.372 ug/ml
14) N-DOTRIACONTANE	19.073	6450561	51.006 ug/ml
15) N-TETRATRIACONTANE	19.861	5408416	51.005 ug/ml
16) N-HEXATRIACONTANE	20.605	4125111	49.418 ug/mlm
17) N-OCTATRIACONTANE	21.381	3180698	45.874 ug/ml
18) N-TETRACONTANE	22.368	2324269	38.926 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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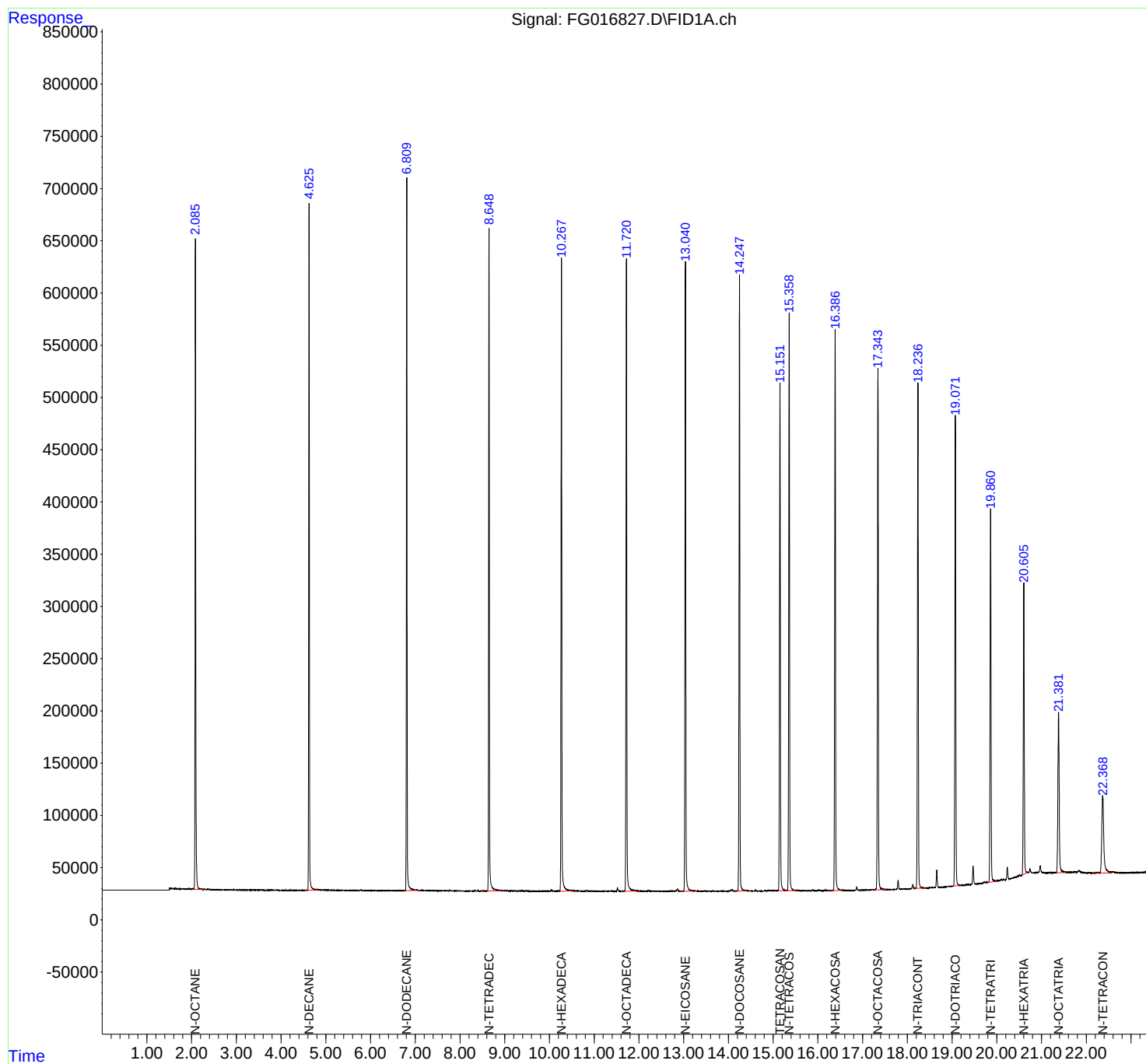
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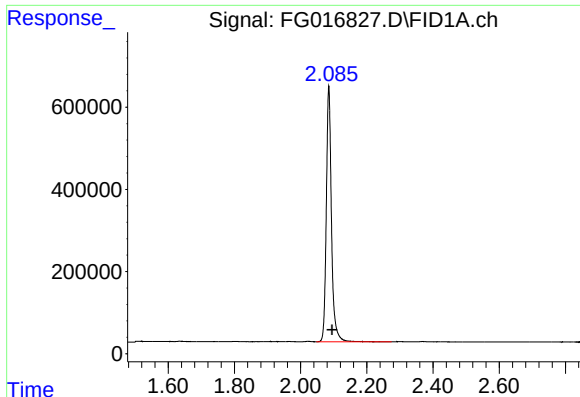
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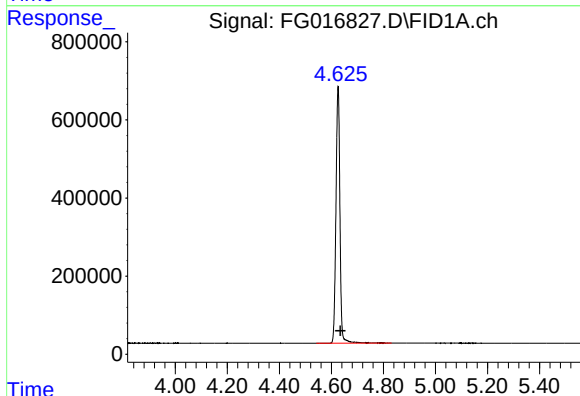
#1 N-OCTANE

R.T.: 2.085 min
Delta R.T.: -0.010 min
Response: 6730138
Conc: 52.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

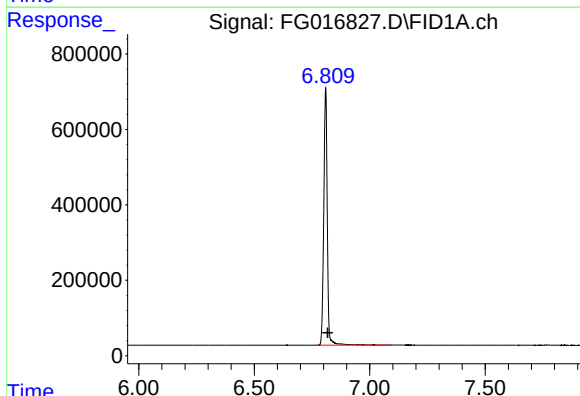
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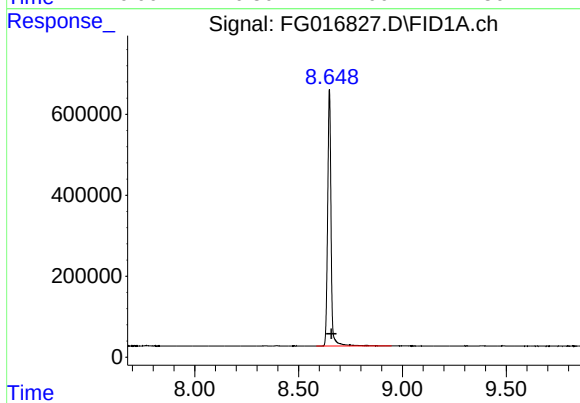
#2 N-DECANE

R.T.: 4.626 min
Delta R.T.: -0.010 min
Response: 6963003
Conc: 53.53 ug/ml



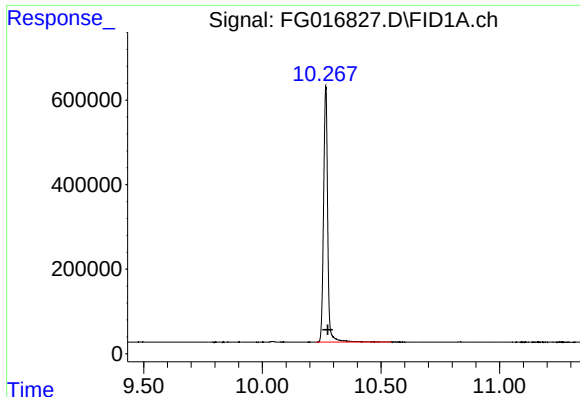
#3 N-DODECANE

R.T.: 6.809 min
Delta R.T.: -0.009 min
Response: 7222321
Conc: 54.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.648 min
Delta R.T.: -0.010 min
Response: 7226280
Conc: 54.74 ug/ml



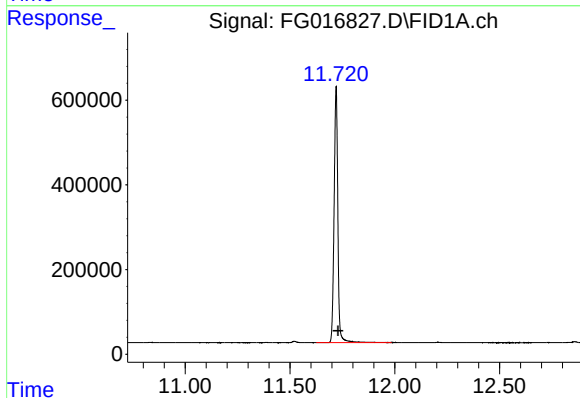
#5 N-HEXADECANE

R.T.: 10.267 min
Delta R.T.: -0.009 min
Response: 7284945
Conc: 54.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

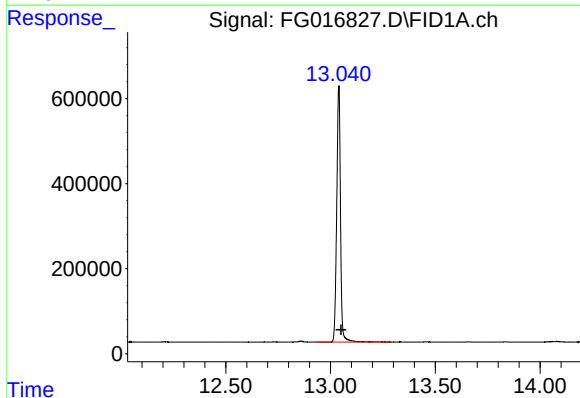
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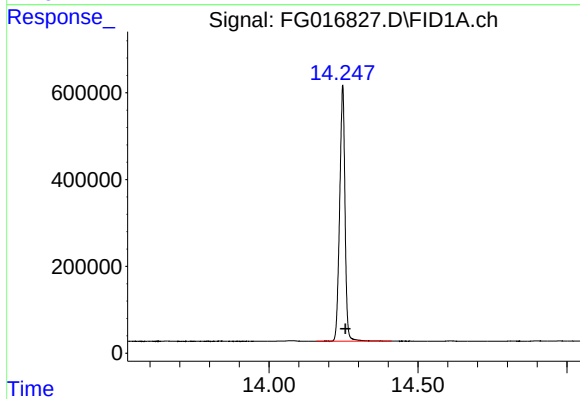
#6 N-OCTADECANE

R.T.: 11.720 min
Delta R.T.: -0.009 min
Response: 7494161
Conc: 53.53 ug/ml



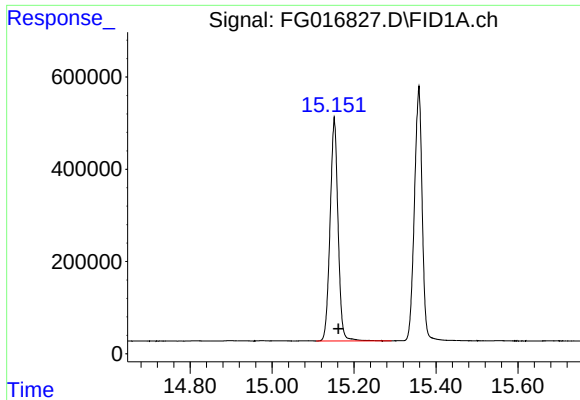
#7 N-EICOSANE

R.T.: 13.039 min
Delta R.T.: -0.010 min
Response: 7558932
Conc: 53.27 ug/ml



#8 N-DOCOSANE

R.T.: 14.247 min
Delta R.T.: -0.009 min
Response: 7340696
Conc: 52.97 ug/ml



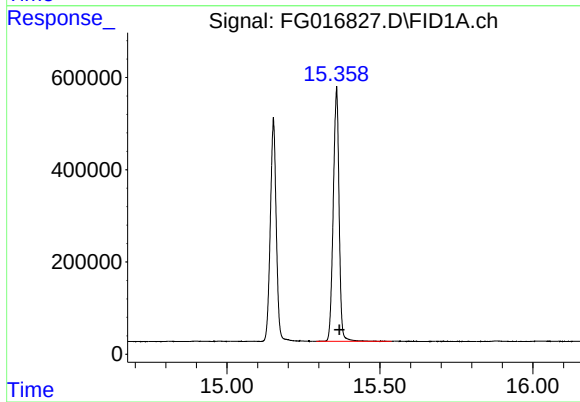
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.152 min
Delta R.T.: -0.010 min
Response: 6517909
Conc: 53.12 ug/ml

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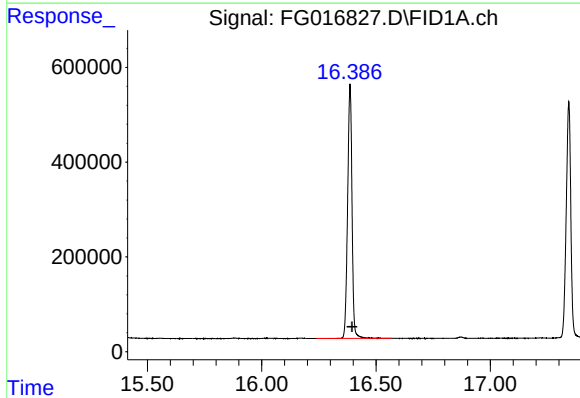
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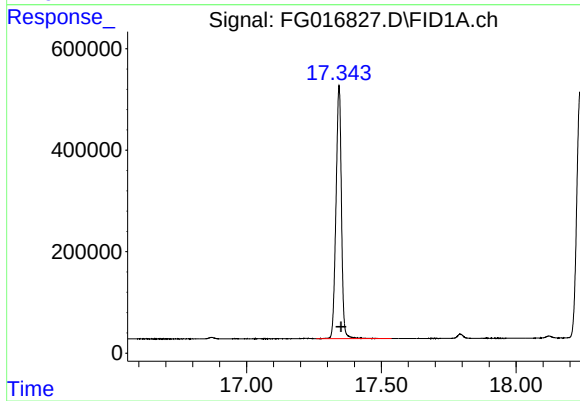
#10 N-TETRACOSANE

R.T.: 15.358 min
Delta R.T.: -0.010 min
Response: 7274753
Conc: 52.60 ug/ml



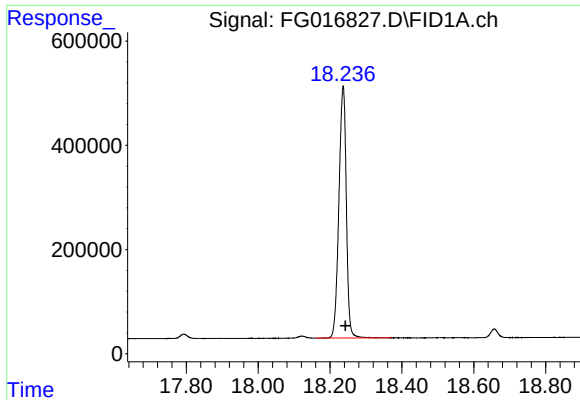
#11 N-HEXACOSANE

R.T.: 16.386 min
Delta R.T.: -0.009 min
Response: 7163027
Conc: 52.38 ug/ml



#12 N-OCTACOSANE

R.T.: 17.343 min
Delta R.T.: -0.008 min
Response: 7002887
Conc: 51.74 ug/ml



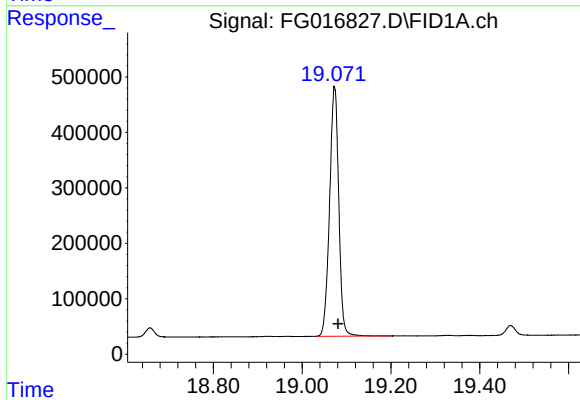
#13 N-TRIACONTANE

R.T.: 18.236 min
Delta R.T.: -0.006 min
Response: 6927268
Conc: 51.37 ug/ml

Instrument :
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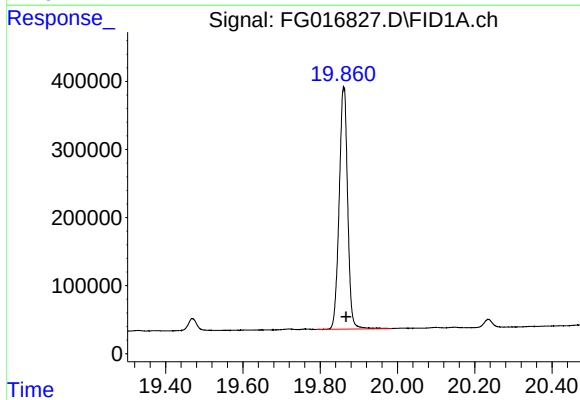
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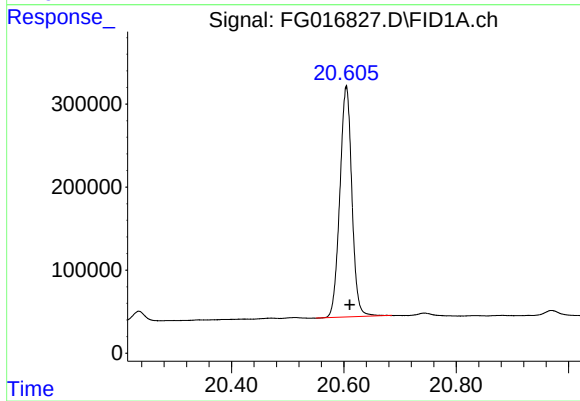
#14 N-DOTRIACONTANE

R.T.: 19.073 min
Delta R.T.: -0.008 min
Response: 6450561
Conc: 51.01 ug/ml



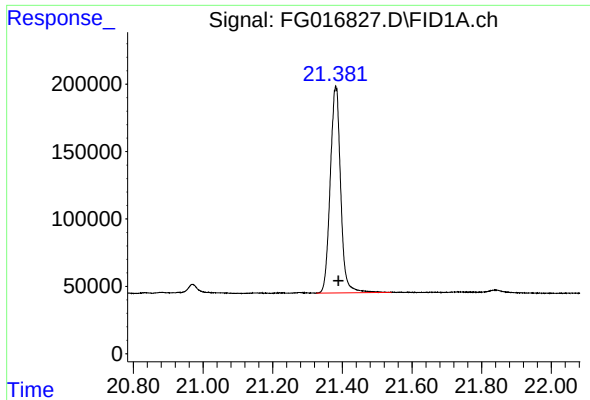
#15 N-TETRATRIACONTANE

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 5408416
Conc: 51.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.605 min
Delta R.T.: -0.006 min
Response: 4125111
Conc: 49.42 ug/ml m



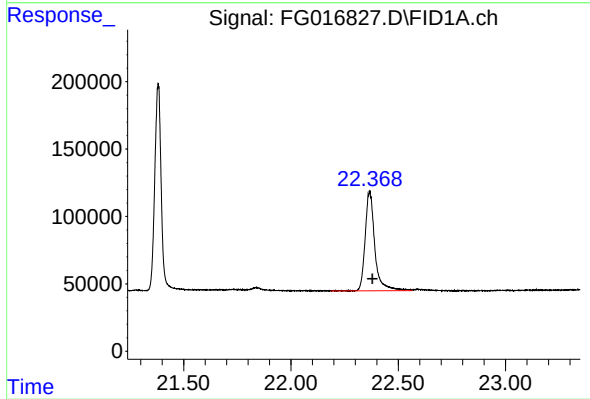
#17 N-OCTATRIACONTANE

R.T.: 21.381 min
Delta R.T.: -0.007 min
Response: 3180698
Conc: 45.87 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.368 min
Delta R.T.: -0.011 min
Response: 2324269
Conc: 38.93 ug/ml m