

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120225\
 Data File : FG017054.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2025 04:58
 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 :Rahul Chavli 12/03/2025
 Supervised By :mohammad ahmed 12/05/2025

Integration File: Sample.e
 Quant Time: Dec 03 05:23:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.147	5199138	49.961 ug/ml
Target Compounds			
1) N-OCTANE	2.081	6099875	49.006 ug/ml
2) N-DECANE	4.620	6191053	51.899 ug/ml
3) N-DODECANE	6.803	6213905	52.023 ug/ml
4) N-TETRADECANE	8.643	6155858	53.191 ug/ml
5) N-HEXADECANE	10.261	6067527	53.026 ug/ml
6) N-OCTADECANE	11.714	6190033	51.610 ug/ml
7) N-EICOSANE	13.034	6269971	50.438 ug/ml
8) N-DOCOSANE	14.241	5981678	50.100 ug/ml
10) N-TETRACOSANE	15.353	5885954	50.098 ug/ml
11) N-HEXACOSANE	16.381	5593789	49.790 ug/ml
12) N-OCTACOSANE	17.337	5505156	48.789 ug/ml
13) N-TRIACONTANE	18.231	5462194	48.802 ug/ml
14) N-DOTRIACONTANE	19.070	5542155	51.266 ug/ml
15) N-TETRATRIACONTANE	19.858	5115576	51.028 ug/ml
16) N-HEXATRIACONTANE	20.601	4575169	52.455 ug/ml
17) N-OCTATRIACONTANE	21.381	4032660	52.884 ug/mlm
18) N-TETRACONTANE	22.359	3841497	61.401 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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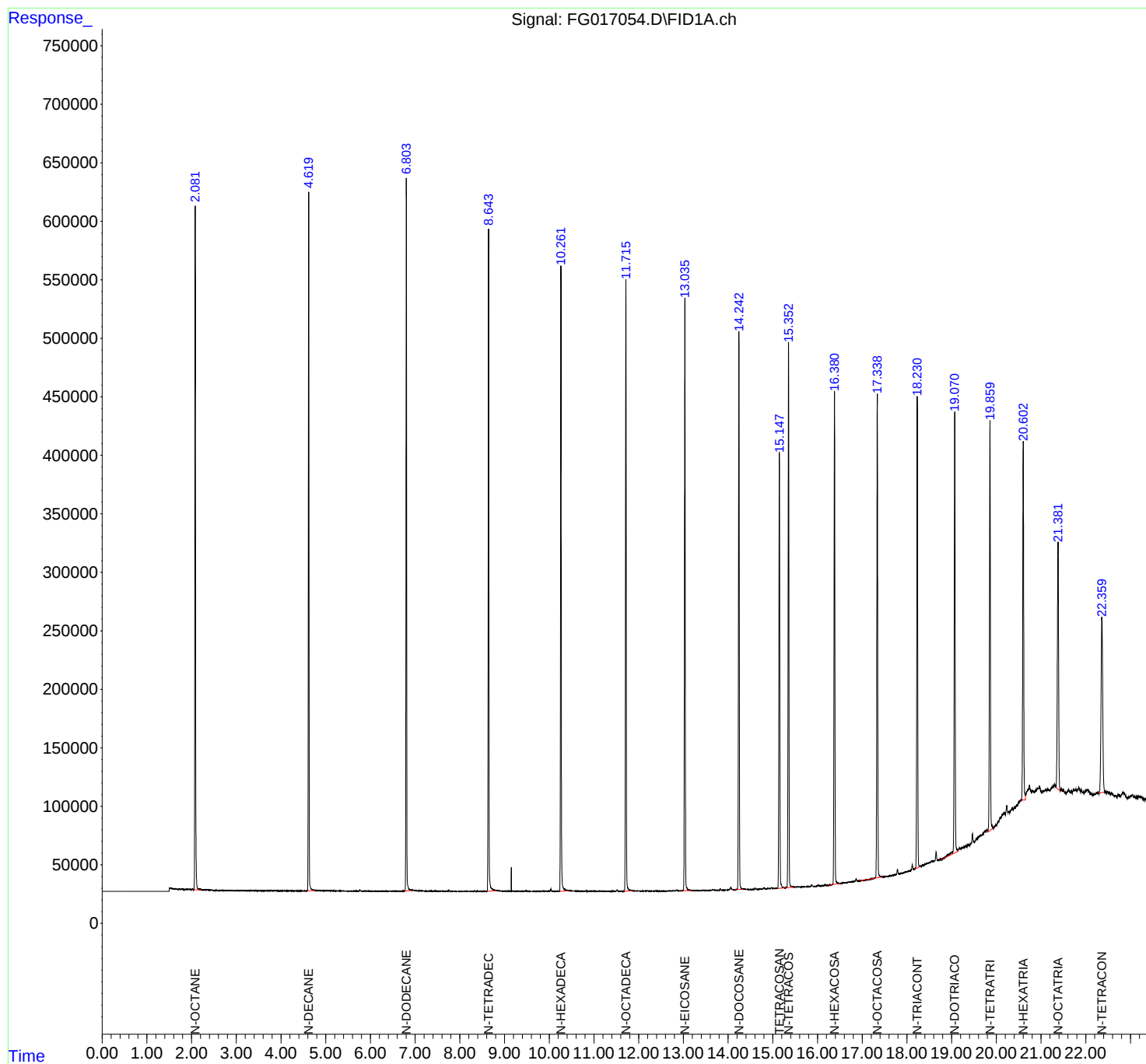
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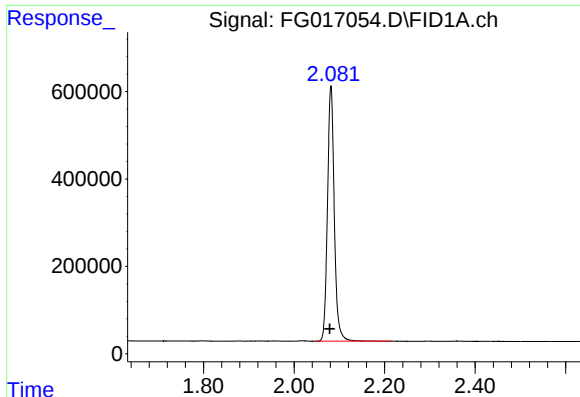
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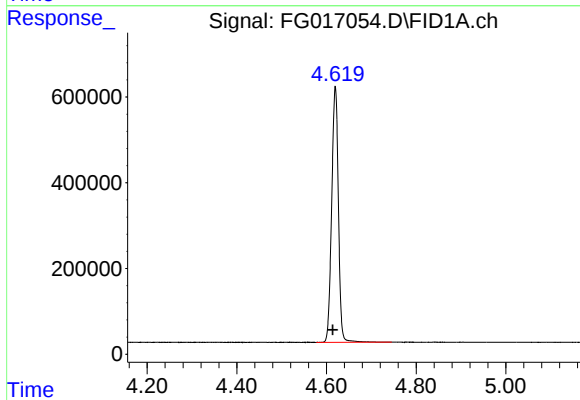
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.002 min
Response: 6099875
Conc: 49.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

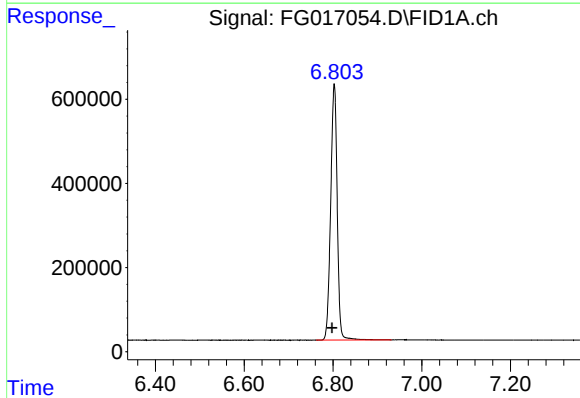
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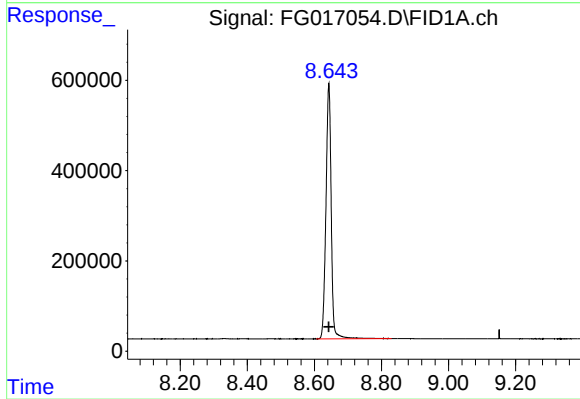
#2 N-DECANE

R.T.: 4.620 min
Delta R.T.: 0.006 min
Response: 6191053
Conc: 51.90 ug/ml



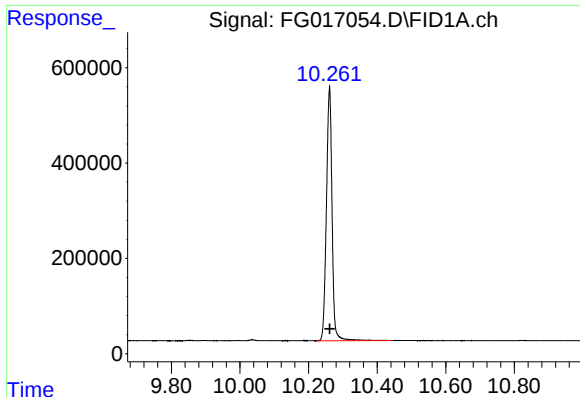
#3 N-DODECANE

R.T.: 6.803 min
Delta R.T.: 0.005 min
Response: 6213905
Conc: 52.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 6155858
Conc: 53.19 ug/ml



#5 N-HEXADECANE

R.T.: 10.261 min
Delta R.T.: -0.001 min
Response: 6067527
Conc: 53.03 ug/ml

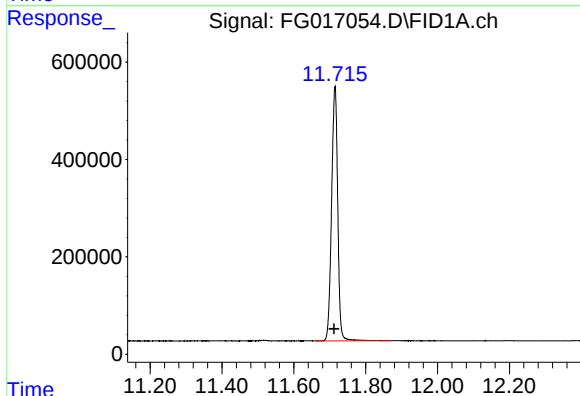
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

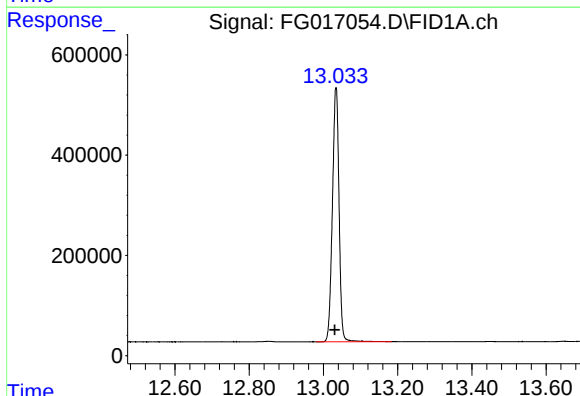
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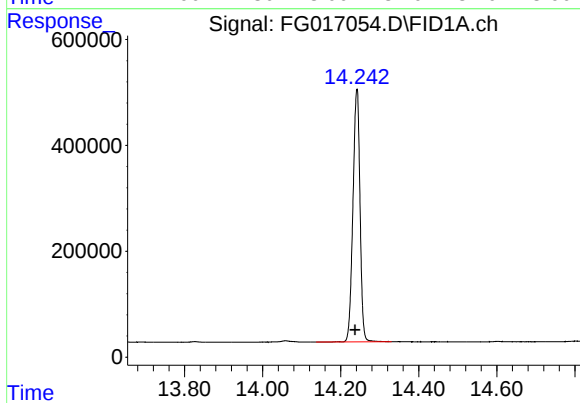
#6 N-OCTADECANE

R.T.: 11.714 min
Delta R.T.: 0.002 min
Response: 6190033
Conc: 51.61 ug/ml



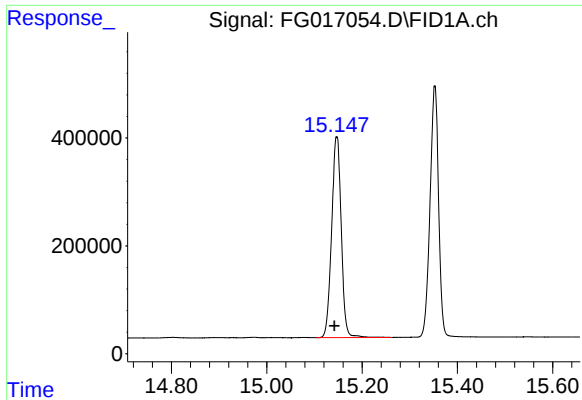
#7 N-EICOSANE

R.T.: 13.034 min
Delta R.T.: 0.003 min
Response: 6269971
Conc: 50.44 ug/ml



#8 N-DOCOSANE

R.T.: 14.241 min
Delta R.T.: 0.004 min
Response: 5981678
Conc: 50.10 ug/ml



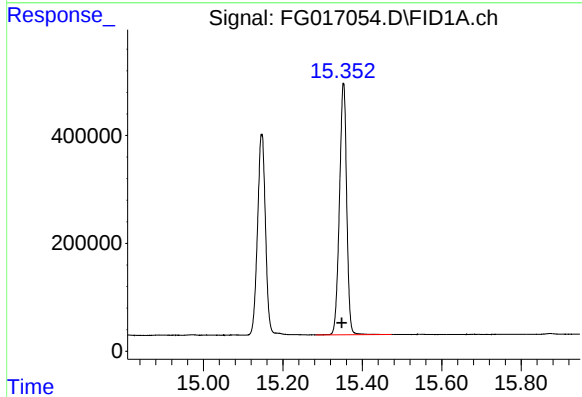
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.147 min
Delta R.T.: 0.005 min
Response: 5199138
Conc: 49.96 ug/ml

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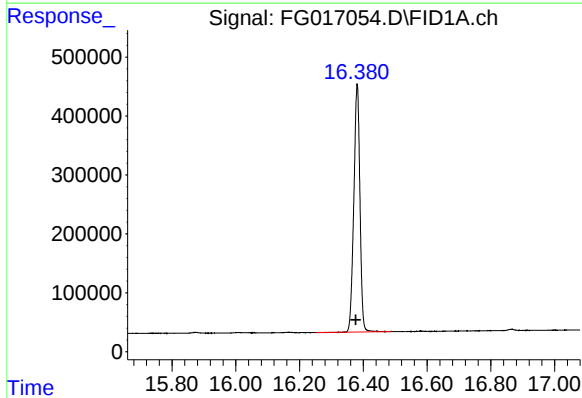
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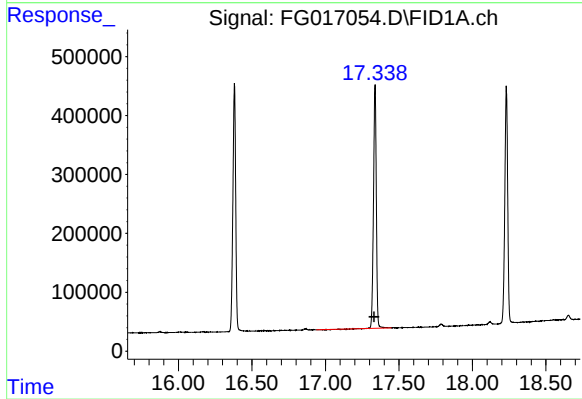
#10 N-TETRACOSANE

R.T.: 15.353 min
Delta R.T.: 0.004 min
Response: 5885954
Conc: 50.10 ug/ml



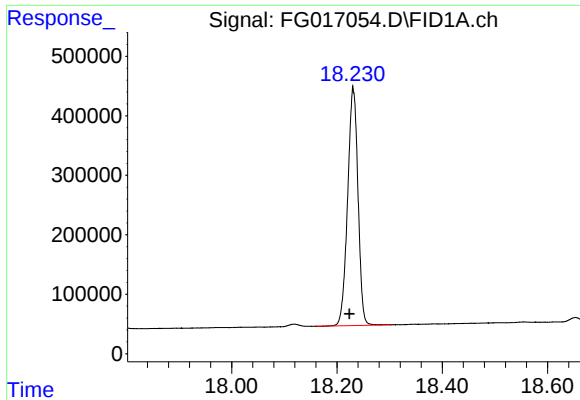
#11 N-HEXACOSANE

R.T.: 16.381 min
Delta R.T.: 0.004 min
Response: 5593789
Conc: 49.79 ug/ml



#12 N-OCTACOSANE

R.T.: 17.337 min
Delta R.T.: 0.006 min
Response: 5505156
Conc: 48.79 ug/ml



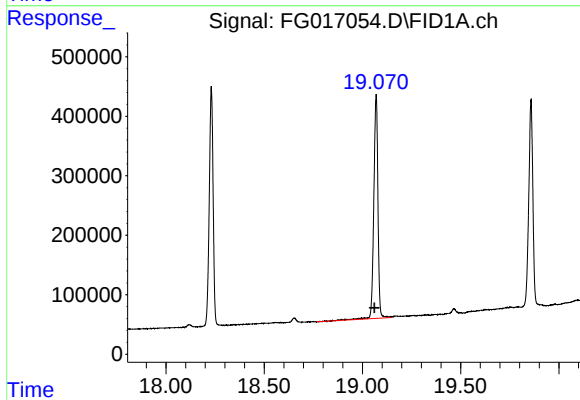
#13 N-TRIACONTANE

R.T.: 18.231 min
Delta R.T.: 0.007 min
Response: 5462194
Conc: 48.80 ug/ml

Instrument :
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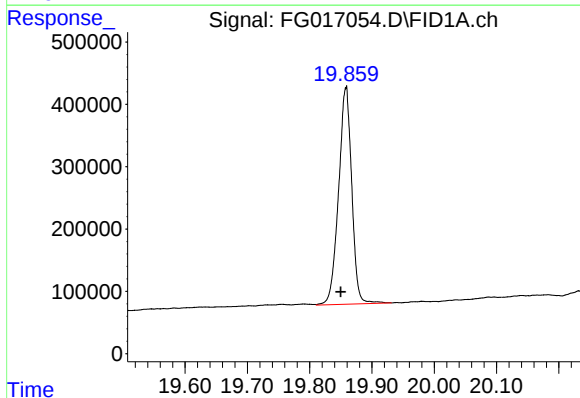
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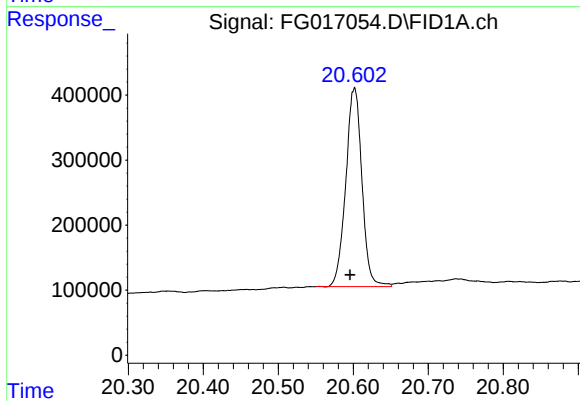
#14 N-DOTRIACONTANE

R.T.: 19.070 min
Delta R.T.: 0.009 min
Response: 5542155
Conc: 51.27 ug/ml



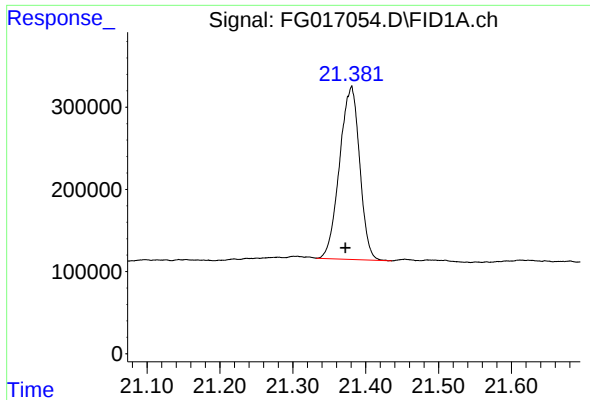
#15 N-TETRATRIACONTANE

R.T.: 19.858 min
Delta R.T.: 0.008 min
Response: 5115576
Conc: 51.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.601 min
Delta R.T.: 0.006 min
Response: 4575169
Conc: 52.46 ug/ml



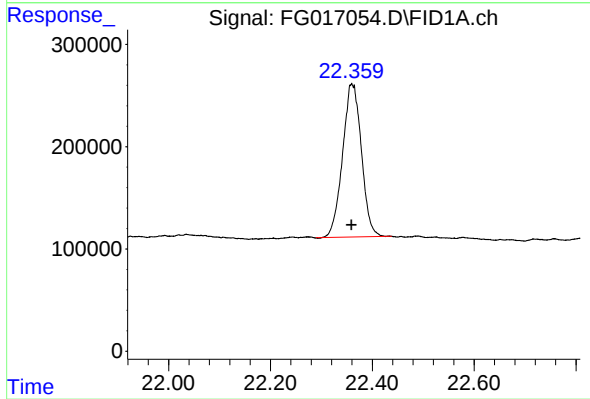
#17 N-OCTATRIACONTANE

R.T.: 21.381 min
Delta R.T.: 0.009 min
Response: 4032660
Conc: 52.88 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.359 min
Delta R.T.: 0.000 min
Response: 3841497
Conc: 61.40 ug/ml m