

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
 Data File : FF016153.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2025 15:19
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/16/2025

Integration File: autoint1.e
 Quant Time: Jul 15 00:47:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.104	5302187	54.451 ug/ml
Target Compounds			
1) N-OCTANE	2.072	6385774	51.195 ug/ml
2) N-DECANE	4.616	6546460	52.601 ug/ml
3) N-DODECANE	6.795	6452663	52.953 ug/ml
4) N-TETRADECANE	8.629	6307081	52.462 ug/ml
5) N-HEXADECANE	10.239	6213377	53.415 ug/ml
6) N-OCTADECANE	11.686	6240388	53.700 ug/ml
7) N-EICOSANE	13.000	6193496	52.957 ug/ml
8) N-DOCOSANE	14.202	5985522	53.383 ug/ml
10) N-TETRACOSANE	15.310	5953814	53.681 ug/ml
11) N-HEXACOSANE	16.333	5847943	54.462 ug/ml
12) N-OCTACOSANE	17.287	5814980	54.076 ug/ml
13) N-TRIACONTANE	18.178	5948351	54.919 ug/ml
14) N-DOTRIACONTANE	19.015	5721233	54.558 ug/ml
15) N-TETRATRIACONTANE	19.801	5280271	55.038 ug/ml
16) N-HEXATRIACONTANE	20.542	5033719	60.340 ug/ml
17) N-OCTATRIACONTANE	21.310	4084600	55.463 ug/ml
18) N-TETRACONTANE	22.276	4021684	59.126 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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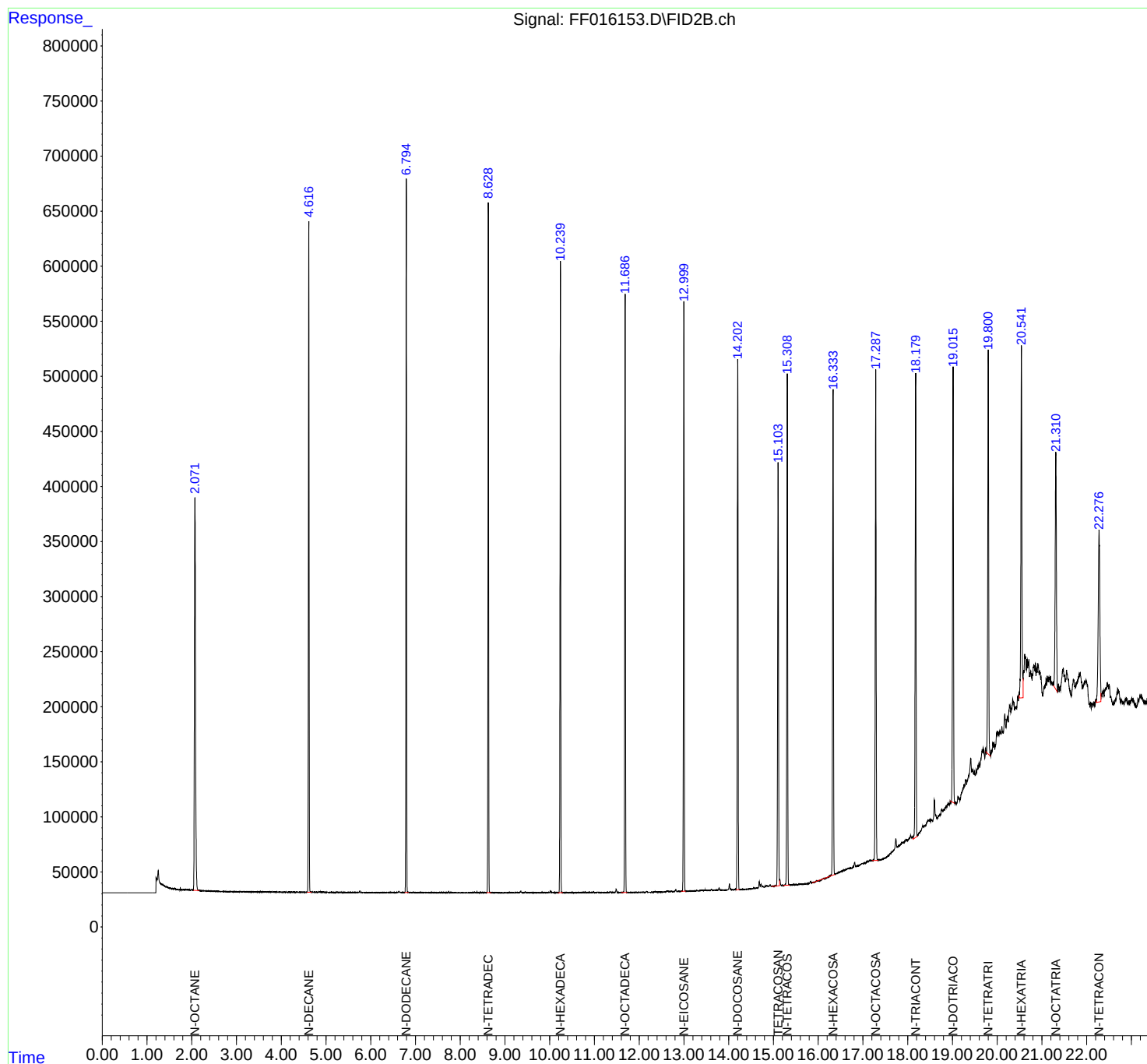
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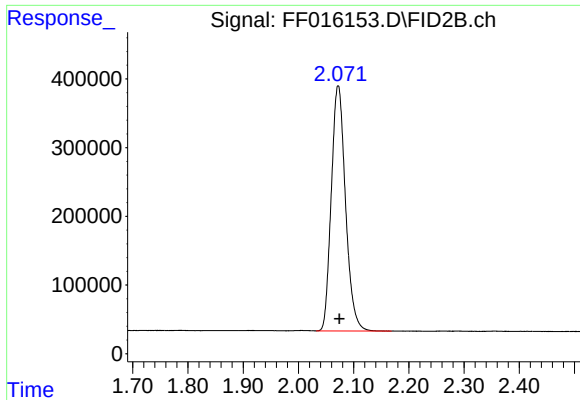
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#1 N-OCTANE

R.T.: 2.072 min
Delta R.T.: -0.002 min
Response: 6385774
Conc: 51.20 ug/ml

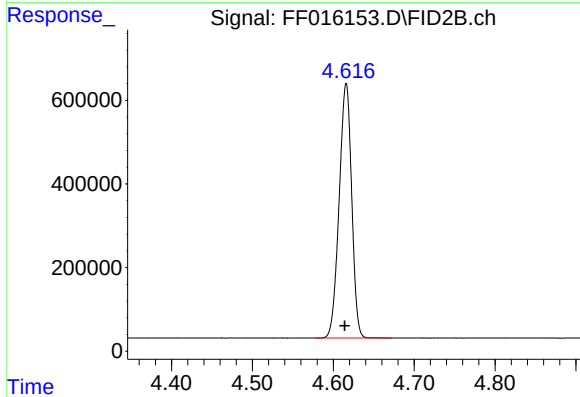
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

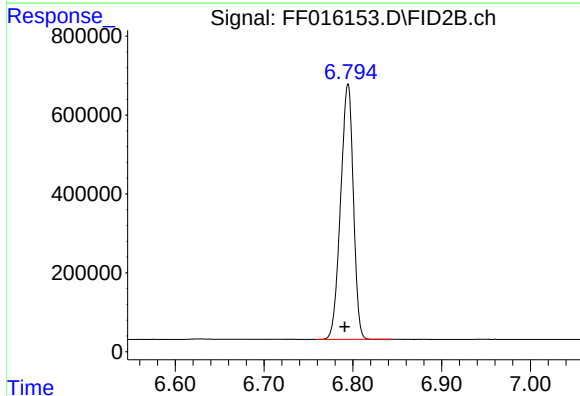
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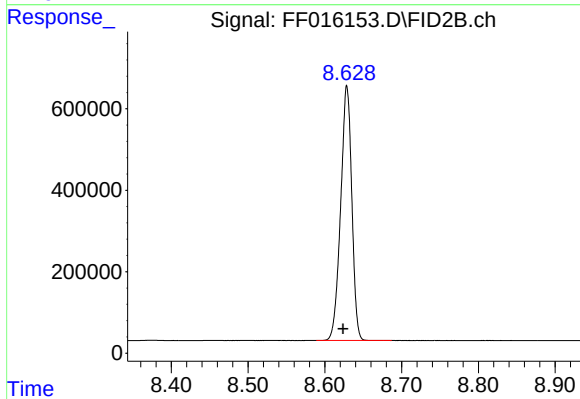
#2 N-DECANE

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 6546460
Conc: 52.60 ug/ml



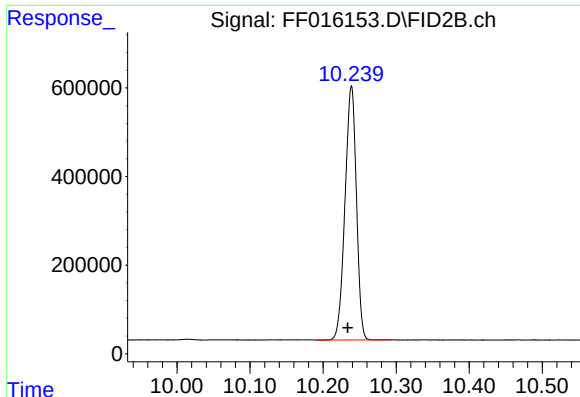
#3 N-DODECANE

R.T.: 6.795 min
Delta R.T.: 0.004 min
Response: 6452663
Conc: 52.95 ug/ml



#4 N-TETRADECANE

R.T.: 8.629 min
Delta R.T.: 0.005 min
Response: 6307081
Conc: 52.46 ug/ml



#5 N-HEXADECANE

R.T.: 10.239 min
Delta R.T.: 0.005 min
Response: 6213377
Conc: 53.41 ug/ml

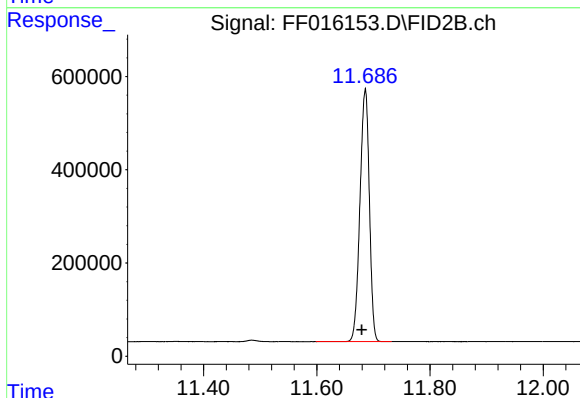
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

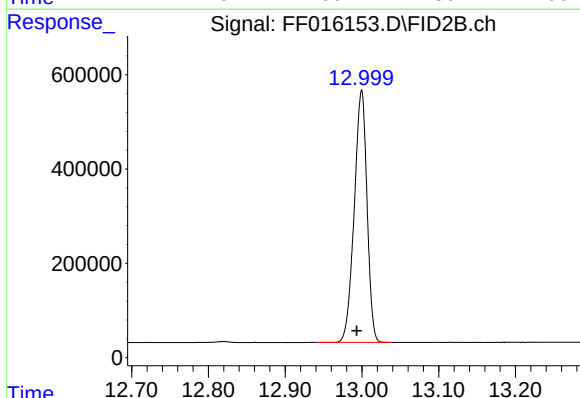
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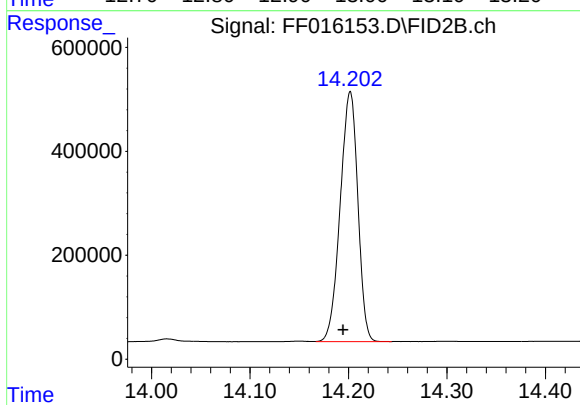
#6 N-OCTADECANE

R.T.: 11.686 min
Delta R.T.: 0.006 min
Response: 6240388
Conc: 53.70 ug/ml



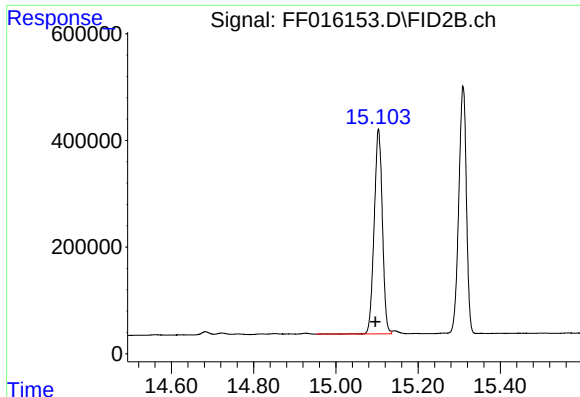
#7 N-EICOSANE

R.T.: 13.000 min
Delta R.T.: 0.006 min
Response: 6193496
Conc: 52.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.202 min
Delta R.T.: 0.007 min
Response: 5985522
Conc: 53.38 ug/ml



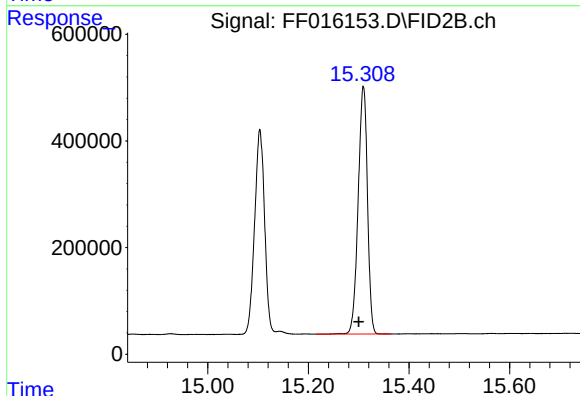
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.104 min
Delta R.T.: 0.007 min
Response: 5302187
Conc: 54.45 ug/ml

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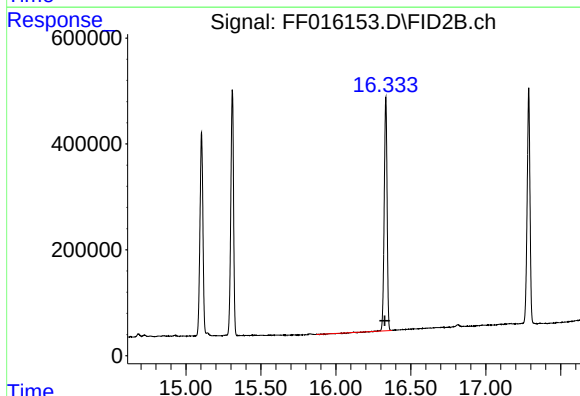
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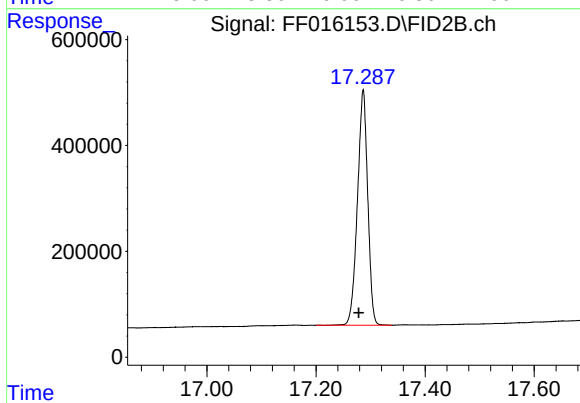
#10 N-TETRACOSANE

R.T.: 15.310 min
Delta R.T.: 0.009 min
Response: 5953814
Conc: 53.68 ug/ml



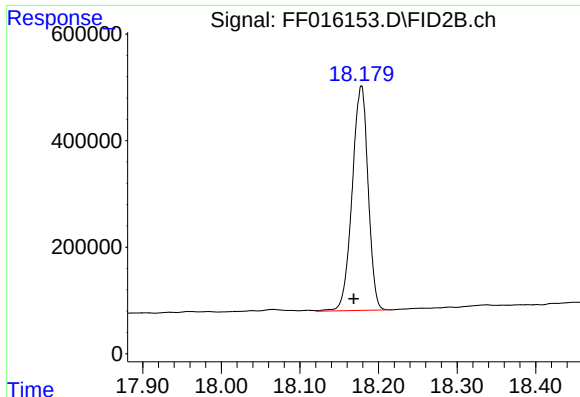
#11 N-HEXACOSANE

R.T.: 16.333 min
Delta R.T.: 0.008 min
Response: 5847943
Conc: 54.46 ug/ml



#12 N-OCTACOSANE

R.T.: 17.287 min
Delta R.T.: 0.008 min
Response: 5814980
Conc: 54.08 ug/ml



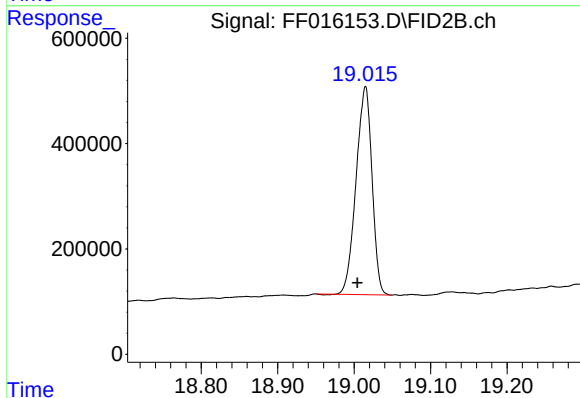
#13 N-TRIACONTANE

R.T.: 18.178 min
Delta R.T.: 0.010 min
Response: 5948351
Conc: 54.92 ug/ml

Instrument :
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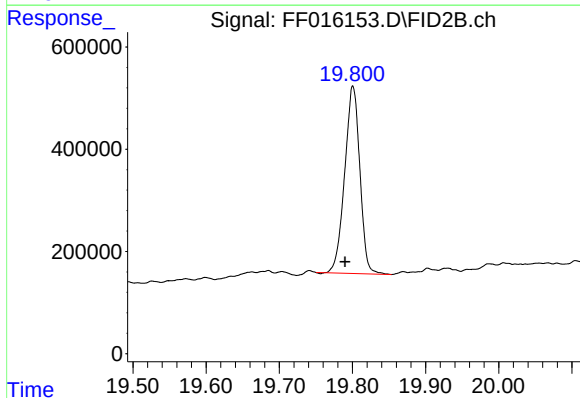
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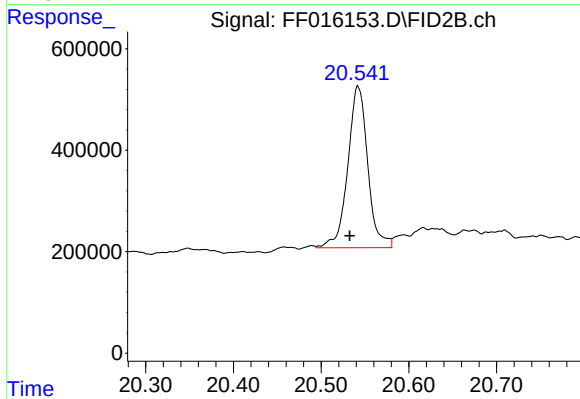
#14 N-DOTRIACONTANE

R.T.: 19.015 min
Delta R.T.: 0.010 min
Response: 5721233
Conc: 54.56 ug/ml



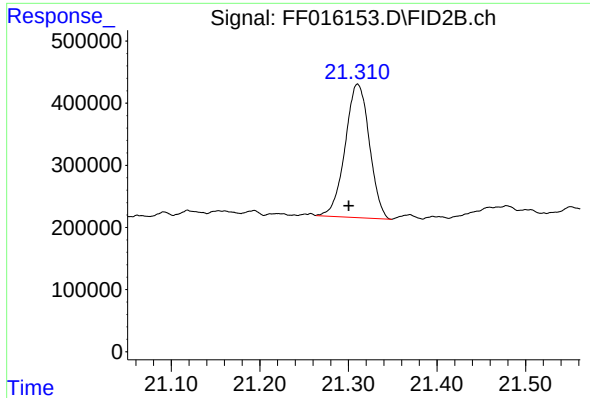
#15 N-TETRATRIACONTANE

R.T.: 19.801 min
Delta R.T.: 0.011 min
Response: 5280271
Conc: 55.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.542 min
Delta R.T.: 0.009 min
Response: 5033719
Conc: 60.34 ug/ml



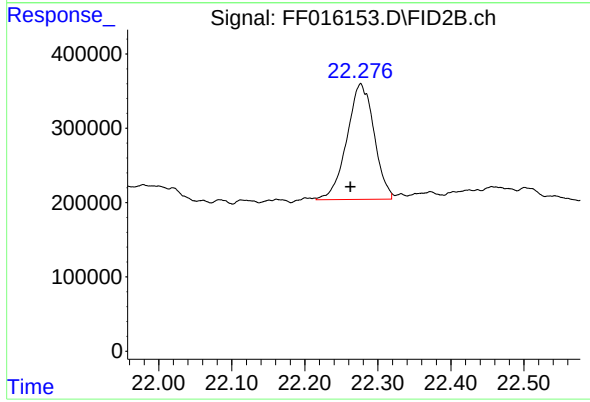
#17 N-OCTATRIACONTANE

R.T.: 21.310 min
Delta R.T.: 0.010 min
Response: 4084600
Conc: 55.46 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.276 min
Delta R.T.: 0.014 min
Response: 4021684
Conc: 59.13 ug/ml m