

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050622\
 Data File : FF010569.D
 Signal(s) : FID2B.ch
 Acq On : 06 May 2022 13:00
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022

Integration File: autoint1.e
 Quant Time: May 08 22:52:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042922.M
 Quant Title :
 QLast Update : Fri Apr 29 04:08:29 2022
 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...	14.611	5542189	45.191 ug/ml
Target Compounds			
1) N-OCTANE	2.261	6442985	48.753 ug/ml
2) N-DECANE	4.353	6563674	48.689 ug/ml
3) N-DODECANE	6.371	6563971	48.428 ug/ml
4) N-TETRADECANE	8.165	6584908	48.266 ug/ml
5) N-HEXADECANE	9.766	6597531	47.693 ug/ml
6) N-OCTADECANE	11.206	6718977	46.792 ug/ml
7) N-EICOSANE	12.515	6458698	46.112 ug/ml
8) N-DOCOSANE	13.713	6326277	45.548 ug/ml
10) N-TETRACOSANE	14.815	6232993	45.114 ug/ml
11) N-HEXACOSANE	15.835	6084256	44.962 ug/ml
12) N-OCTACOSANE	16.783	5907740	44.927 ug/ml
13) N-TRIACONTANE	17.669	5699650	44.843 ug/ml
14) N-DOTRIACONTANE	18.499	5242076	43.704 ug/ml
15) N-TETRATRIACONTANE	19.281	4594805	43.294 ug/mlm
16) N-HEXATRIACONTANE	20.020	3981852	44.063 ug/ml
17) N-OCTATRIACONTANE	20.741	3653696	45.332 ug/ml
18) N-TETRACONTANE	21.616	3643802	46.292 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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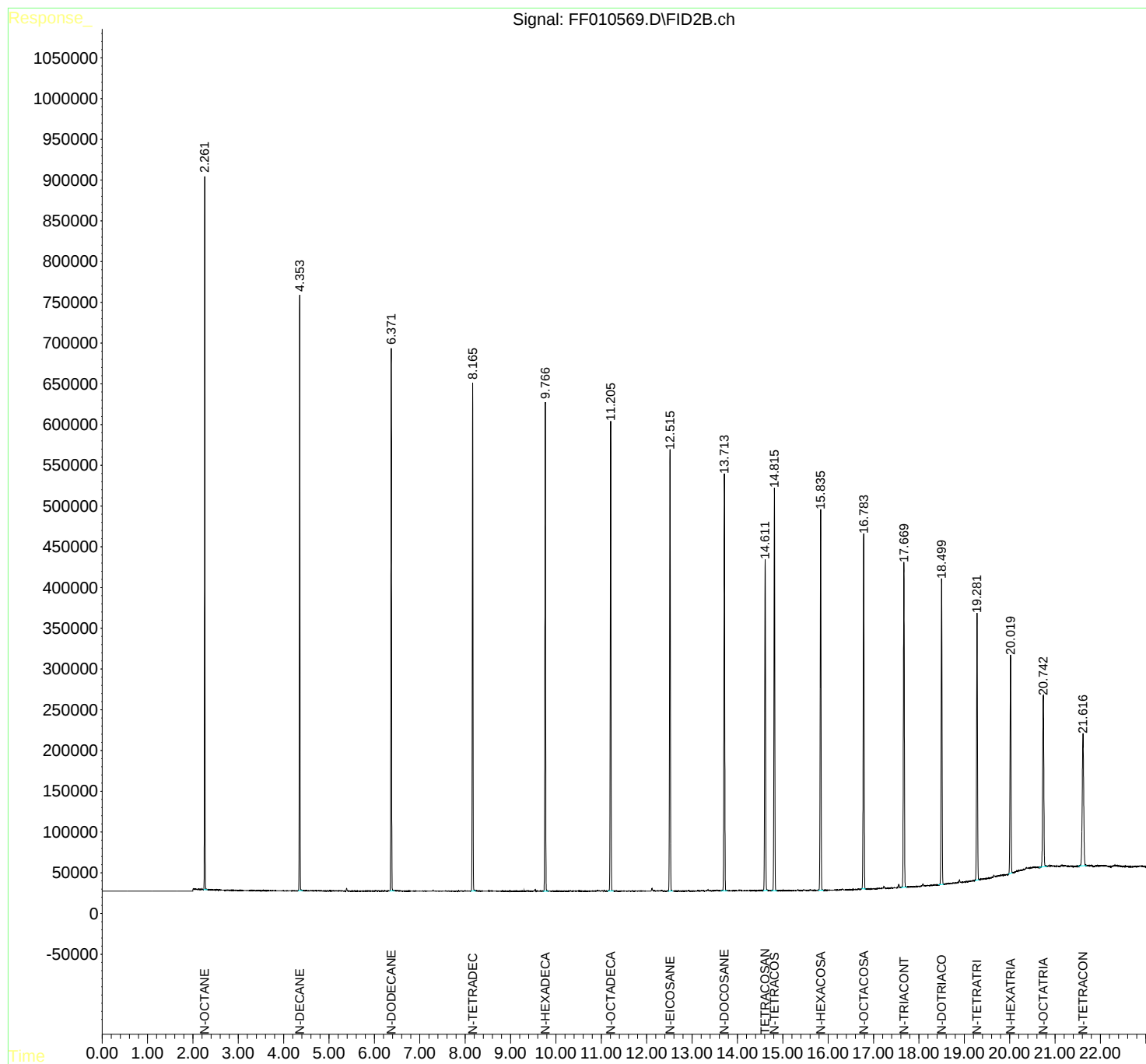
Instrument :
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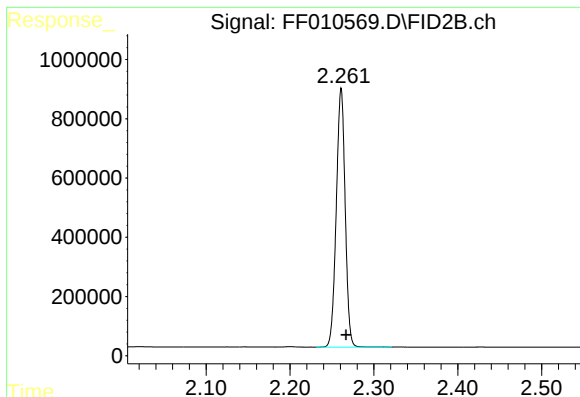
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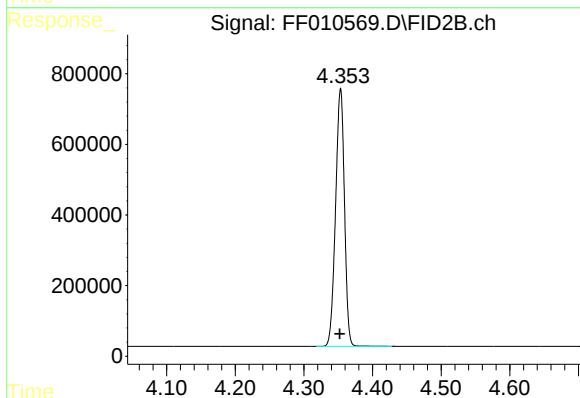
#1 N-OCTANE

R.T.: 2.261 min
Delta R.T.: -0.006 min
Response: 6442985
Conc: 48.75 ug/ml

Instrument :
FID_F
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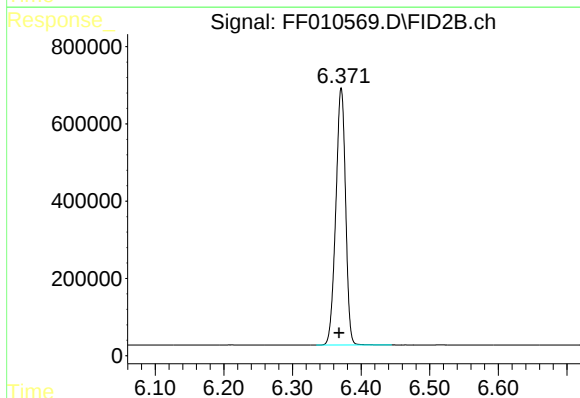
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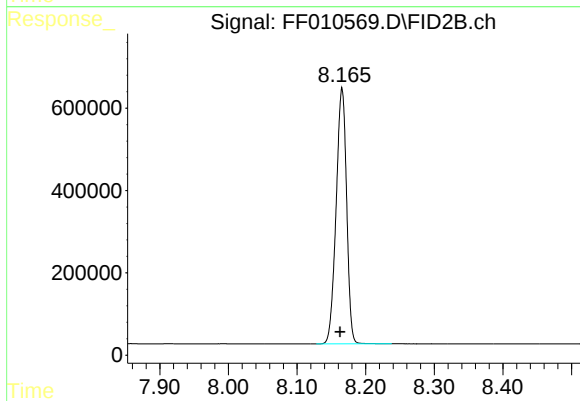
#2 N-DECANE

R.T.: 4.353 min
Delta R.T.: 0.001 min
Response: 6563674
Conc: 48.69 ug/ml



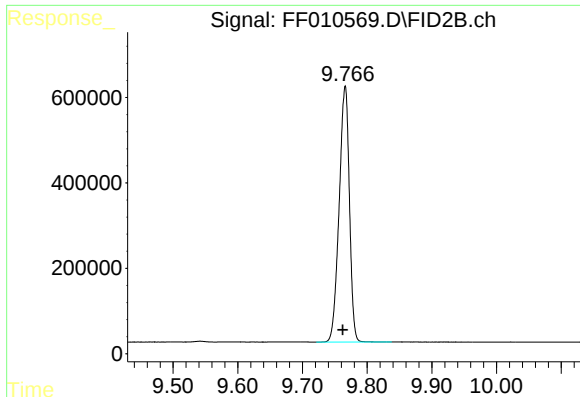
#3 N-DODECANE

R.T.: 6.371 min
Delta R.T.: 0.003 min
Response: 6563971
Conc: 48.43 ug/ml



#4 N-TETRADECANE

R.T.: 8.165 min
Delta R.T.: 0.003 min
Response: 6584908
Conc: 48.27 ug/ml



#5 N-HEXADECANE

R.T.: 9.766 min
Delta R.T.: 0.003 min
Response: 6597531
Conc: 47.69 ug/ml

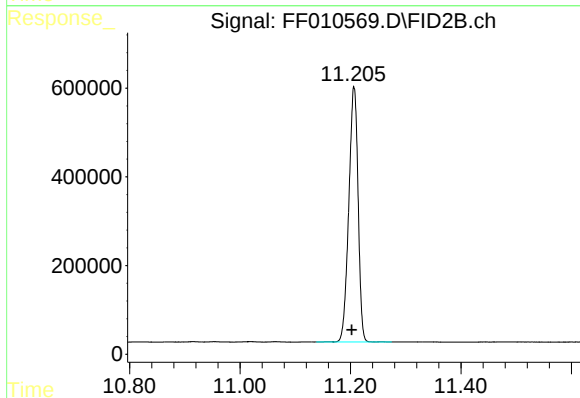
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

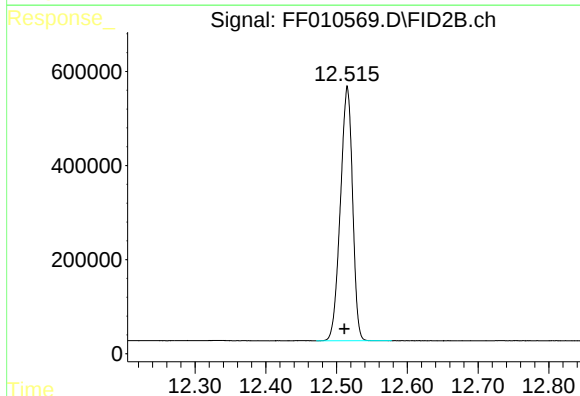
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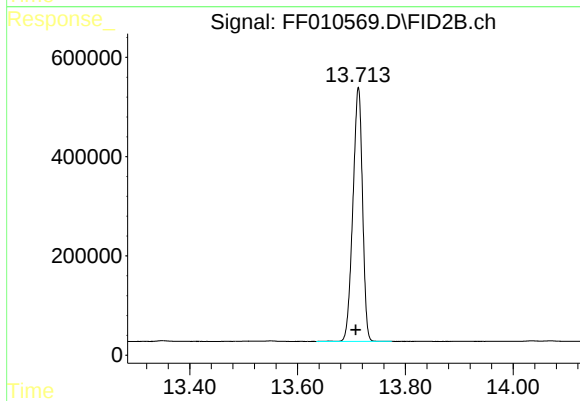
#6 N-OCTADECANE

R.T.: 11.206 min
Delta R.T.: 0.004 min
Response: 6718977
Conc: 46.79 ug/ml



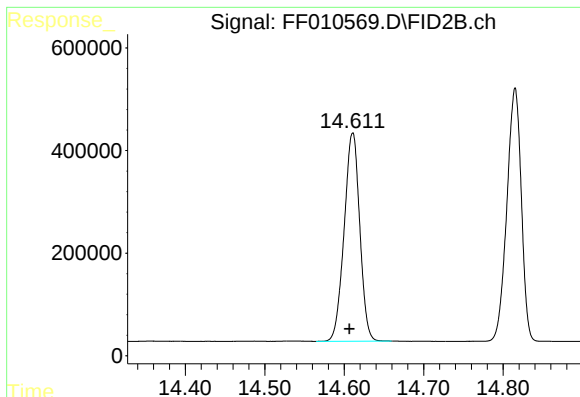
#7 N-EICOSANE

R.T.: 12.515 min
Delta R.T.: 0.004 min
Response: 6458698
Conc: 46.11 ug/ml



#8 N-DOCOSANE

R.T.: 13.713 min
Delta R.T.: 0.005 min
Response: 6326277
Conc: 45.55 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.611 min
Delta R.T.: 0.004 min
Response: 5542189
Conc: 45.19 ug/ml

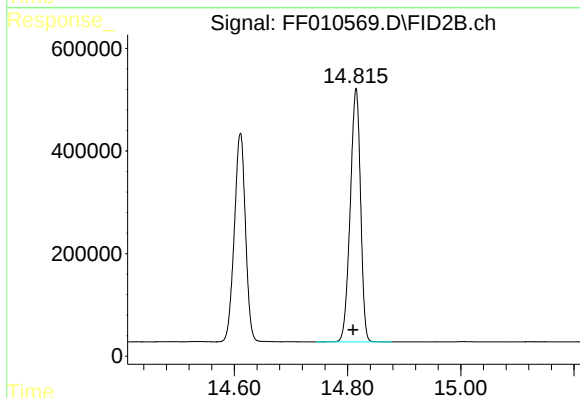
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

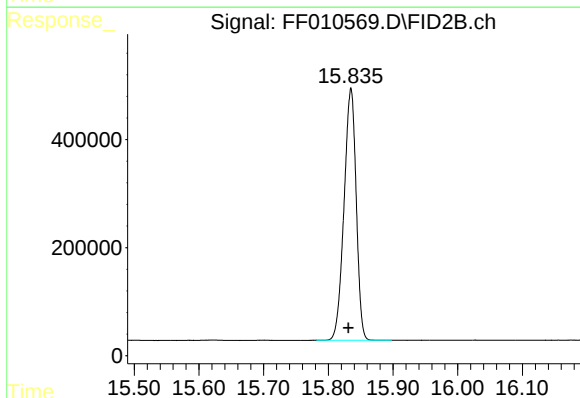
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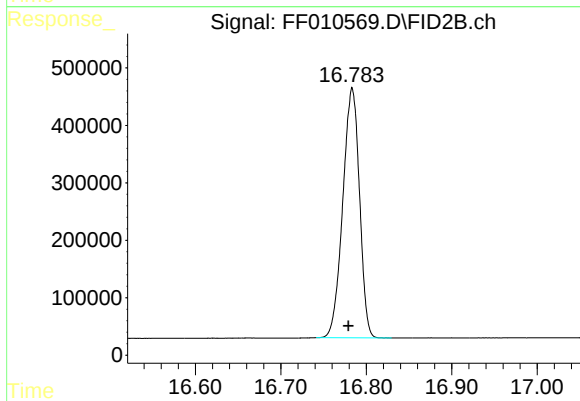
#10 N-TETRACOSANE

R.T.: 14.815 min
Delta R.T.: 0.005 min
Response: 6232993
Conc: 45.11 ug/ml



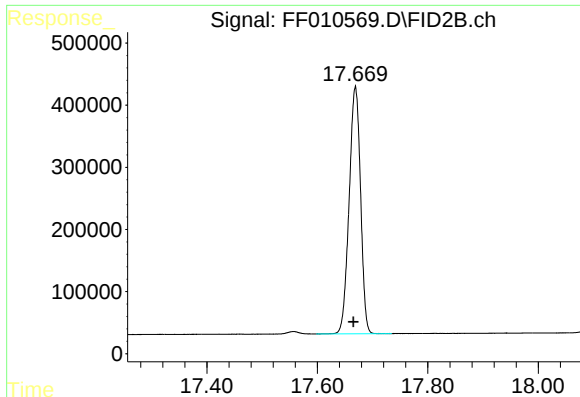
#11 N-HEXACOSANE

R.T.: 15.835 min
Delta R.T.: 0.004 min
Response: 6084256
Conc: 44.96 ug/ml



#12 N-OCTACOSANE

R.T.: 16.783 min
Delta R.T.: 0.004 min
Response: 5907740
Conc: 44.93 ug/ml



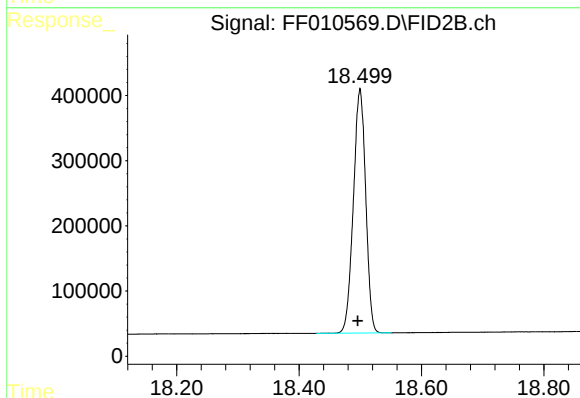
#13 N-TRIACONTANE

R.T.: 17.669 min
Delta R.T.: 0.004 min
Response: 5699650
Conc: 44.84 ug/ml

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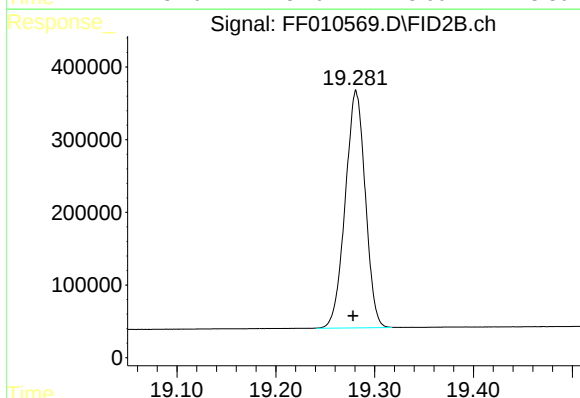
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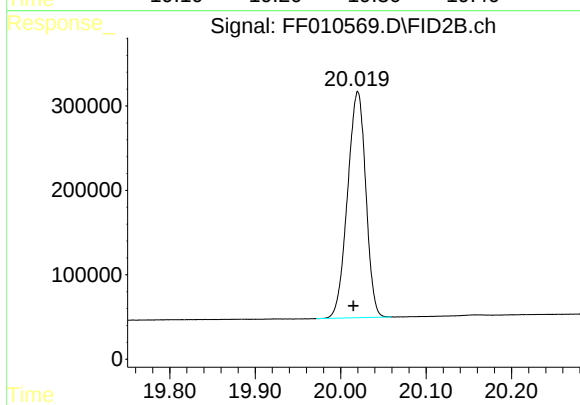
#14 N-DOTRIACONTANE

R.T.: 18.499 min
Delta R.T.: 0.003 min
Response: 5242076
Conc: 43.70 ug/ml



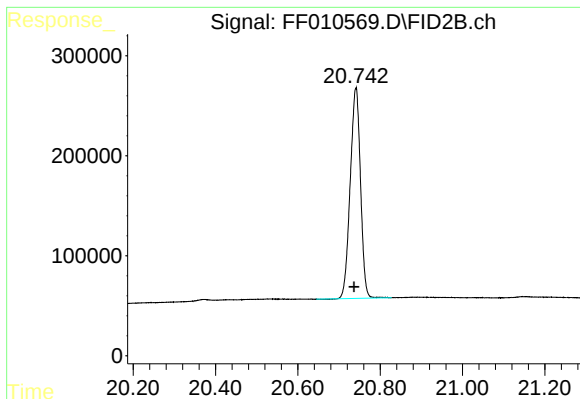
#15 N-TETRATRIACONTANE

R.T.: 19.281 min
Delta R.T.: 0.003 min
Response: 4594805
Conc: 43.29 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.020 min
Delta R.T.: 0.005 min
Response: 3981852
Conc: 44.06 ug/ml



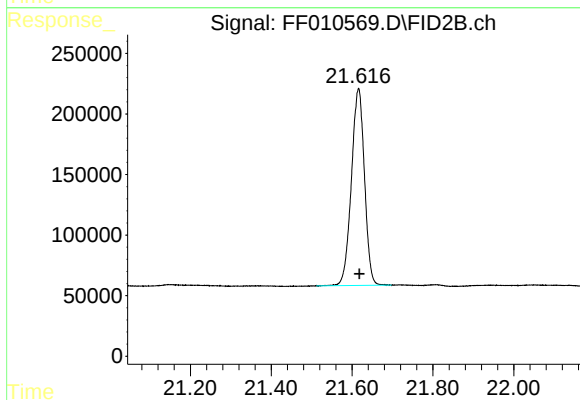
#17 N-OCTATRIACONTANE

R.T.: 20.741 min
Delta R.T.: 0.004 min
Response: 3653696
Conc: 45.33 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.616 min
Delta R.T.: -0.002 min
Response: 3643802
Conc: 46.29 ug/ml