

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF042222\
 Data File : FF010373.D
 Signal(s) : FID2B.ch
 Acq On : 22 Apr 2022 13:21
 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 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: Sample.e
 Quant Time: Apr 22 23:04:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Quant Title :
 QLast Update : Fri Apr 01 11:58:56 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...	14.614	5419718	45.342 ug/ml
Target Compounds			
1) N-OCTANE	2.267	6751551	51.519 ug/ml
2) N-DECANE	4.358	6684249	50.277 ug/ml
3) N-DODECANE	6.374	6554586	49.228 ug/ml
4) N-TETRADECANE	8.168	6485350	48.914 ug/ml
5) N-HEXADECANE	9.768	6443271	48.533 ug/ml
6) N-OCTADECANE	11.209	6560341	47.715 ug/ml
7) N-EICOSANE	12.518	6298376	46.879 ug/ml
8) N-DOCOSANE	13.715	6171921	46.128 ug/ml
10) N-TETRACOSANE	14.818	6086344	45.452 ug/ml
11) N-HEXACOSANE	15.837	5952945	44.881 ug/mlm
12) N-OCTACOSANE	16.787	5824589	43.946 ug/ml
13) N-TRIACONTANE	17.673	5714888	43.283 ug/ml
14) N-DOTRIACONTANE	18.504	5594714	43.345 ug/ml
15) N-TETRATRIACONTANE	19.285	5107217	43.881 ug/mlm
16) N-HEXATRIACONTANE	20.022	4602094	44.124 ug/mlm
17) N-OCTATRIACONTANE	20.745	4169203	46.665 ug/mlm
18) N-TETRACONTANE	21.620	4259232	48.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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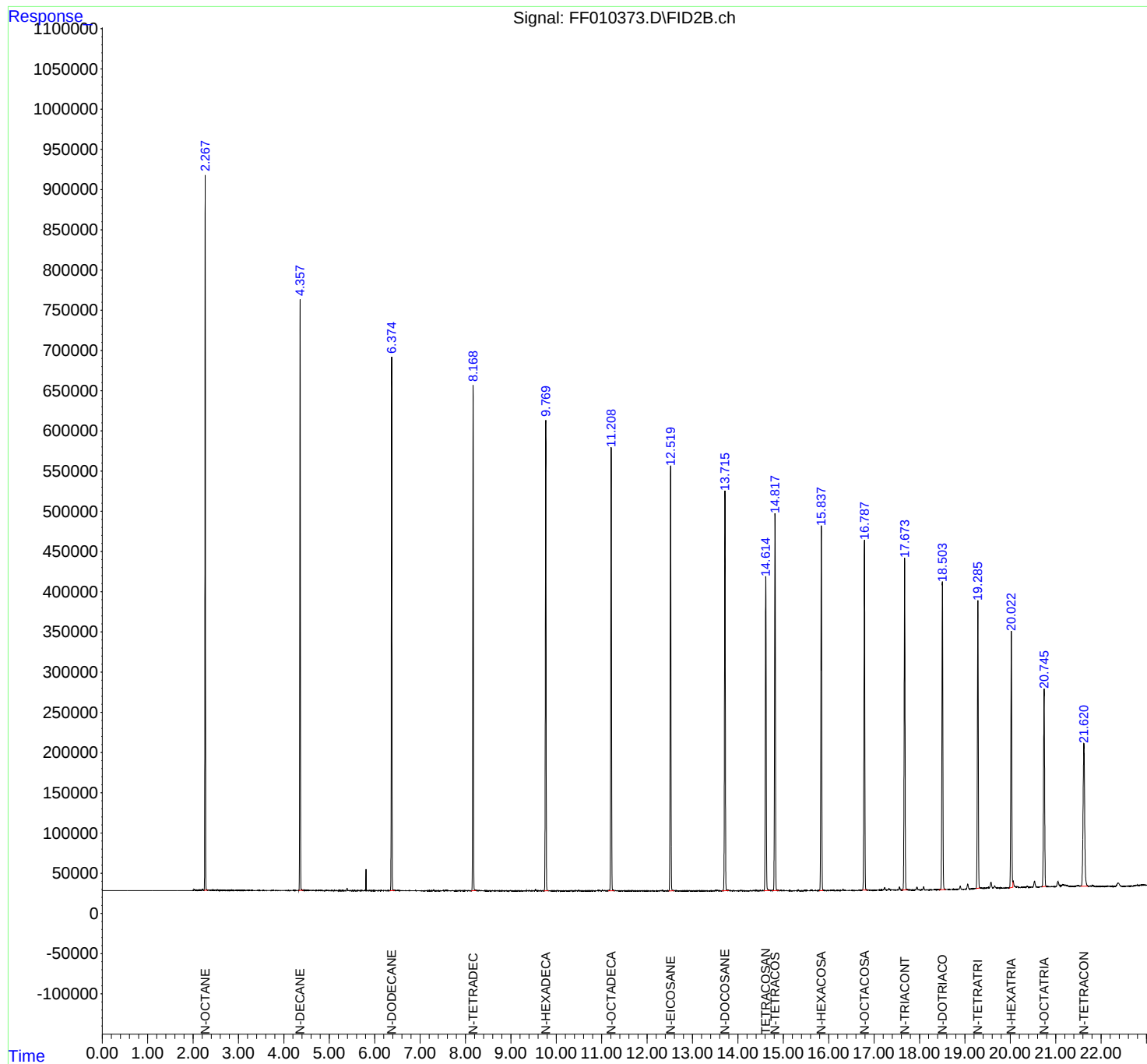
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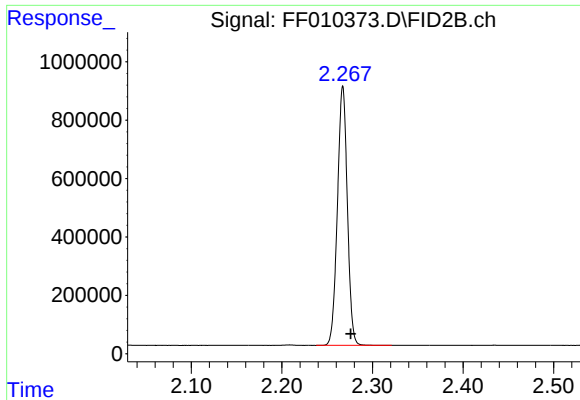
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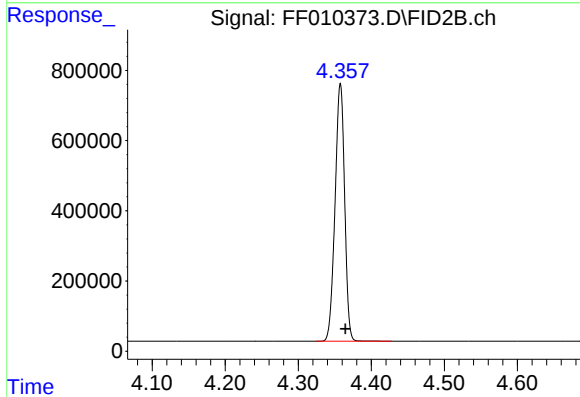
#1 N-OCTANE

R.T.: 2.267 min
Delta R.T.: -0.009 min
Response: 6751551
Conc: 51.52 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

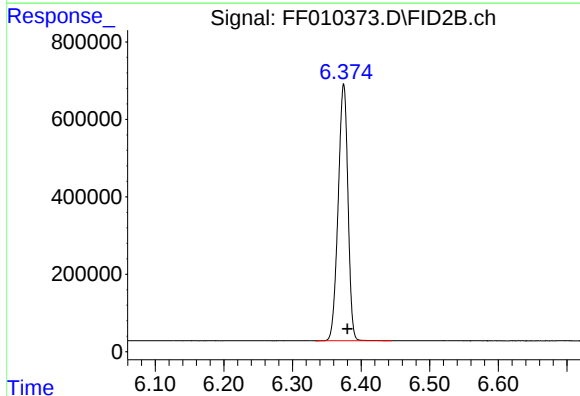
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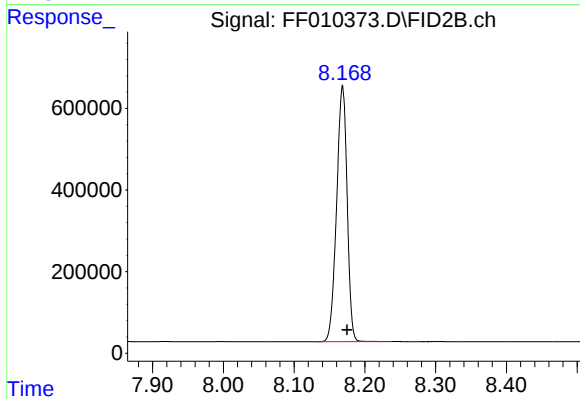
#2 N-DECANE

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 6684249
Conc: 50.28 ug/ml



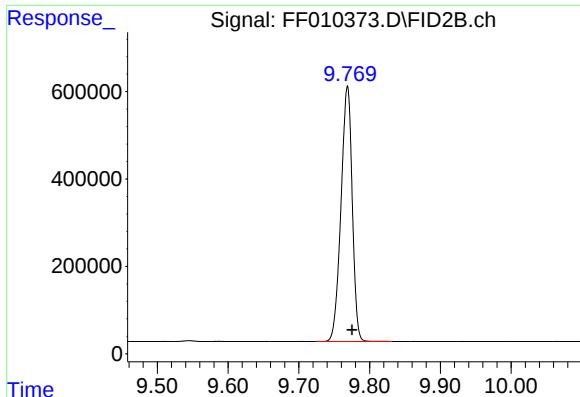
#3 N-DODECANE

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 6554586
Conc: 49.23 ug/ml



#4 N-TETRADECANE

R.T.: 8.168 min
Delta R.T.: -0.006 min
Response: 6485350
Conc: 48.91 ug/ml



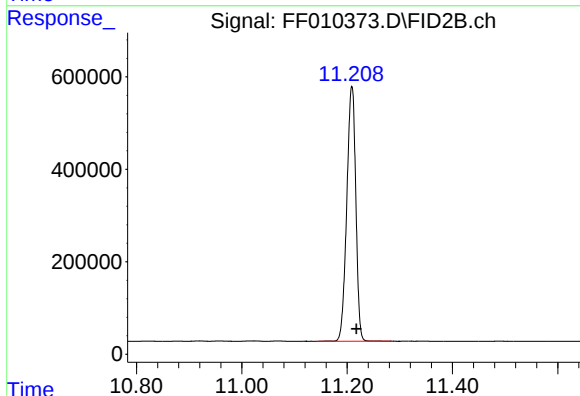
#5 N-HEXADECANE

R.T.: 9.768 min
Delta R.T.: -0.007 min
Response: 6443271
Conc: 48.53 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

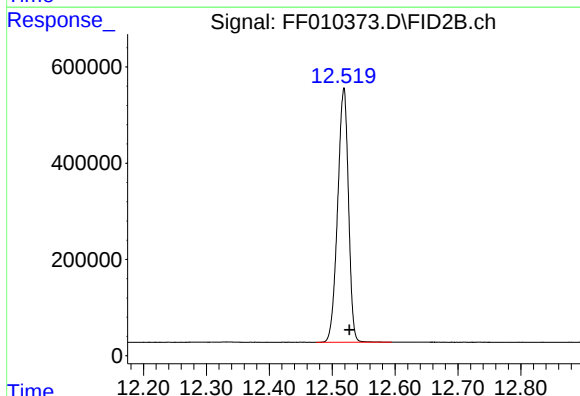
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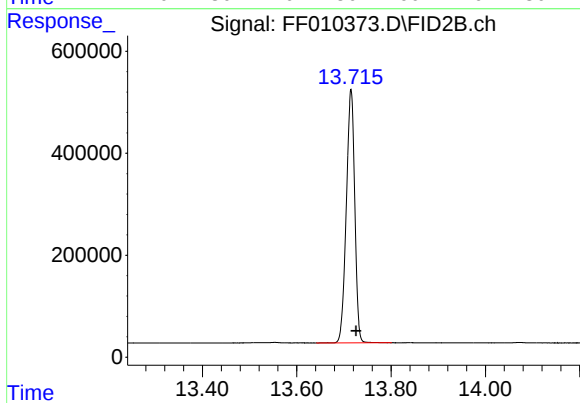
#6 N-OCTADECANE

R.T.: 11.209 min
Delta R.T.: -0.008 min
Response: 6560341
Conc: 47.72 ug/ml



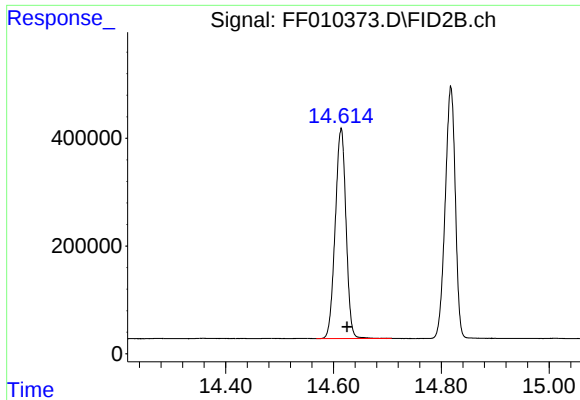
#7 N-EICOSANE

R.T.: 12.518 min
Delta R.T.: -0.009 min
Response: 6298376
Conc: 46.88 ug/ml



#8 N-DOCOSANE

R.T.: 13.715 min
Delta R.T.: -0.011 min
Response: 6171921
Conc: 46.13 ug/ml



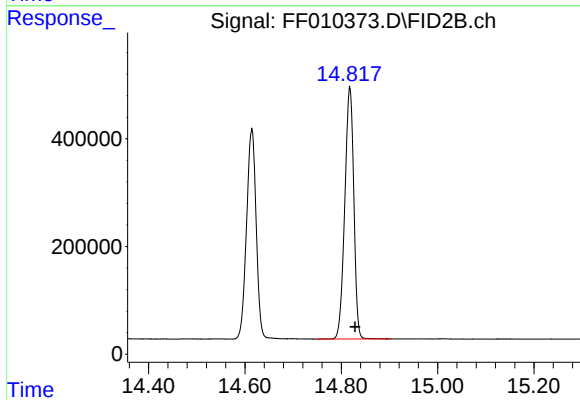
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.614 min
Delta R.T.: -0.011 min
Response: 5419718
Conc: 45.34 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

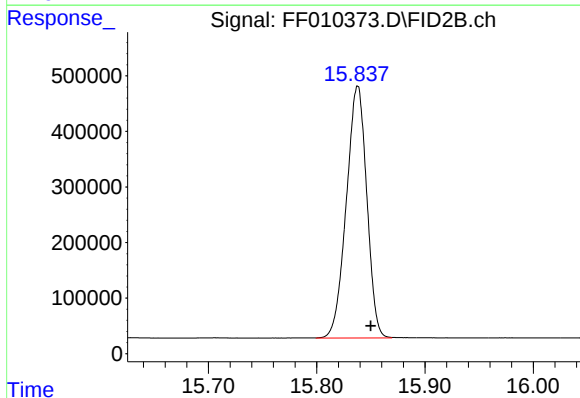
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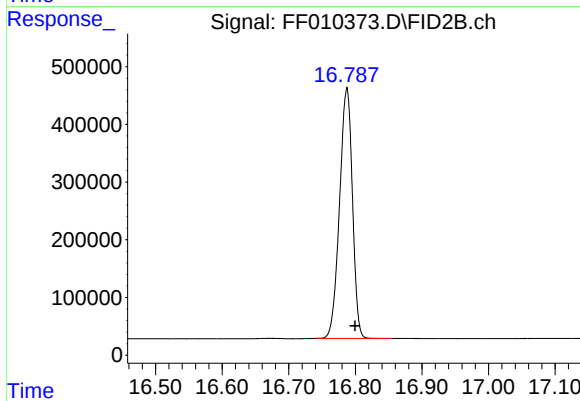
#10 N-TETRACOSANE

R.T.: 14.818 min
Delta R.T.: -0.011 min
Response: 6086344
Conc: 45.45 ug/ml



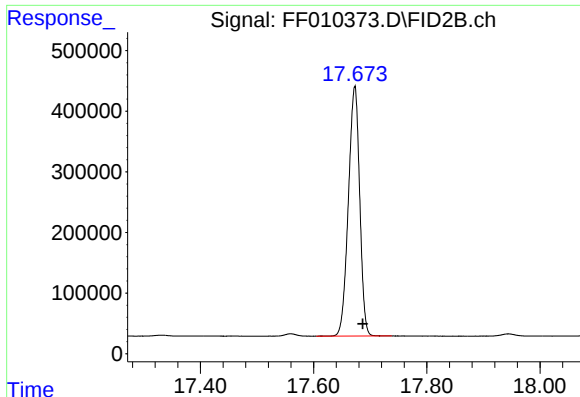
#11 N-HEXACOSANE

R.T.: 15.837 min
Delta R.T.: -0.013 min
Response: 5952945
Conc: 44.88 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.787 min
Delta R.T.: -0.012 min
Response: 5824589
Conc: 43.95 ug/ml



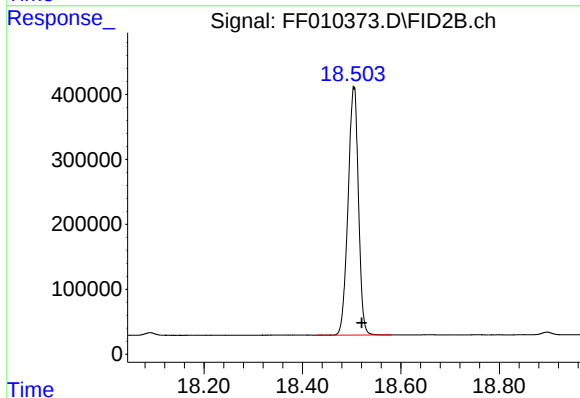
#13 N-TRIACONTANE

R.T.: 17.673 min
Delta R.T.: -0.015 min
Response: 5714888
Conc: 43.28 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

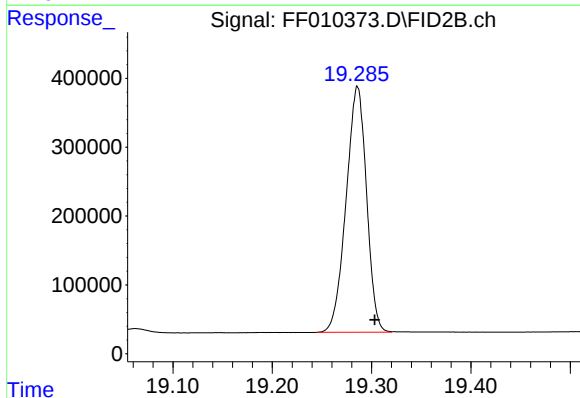
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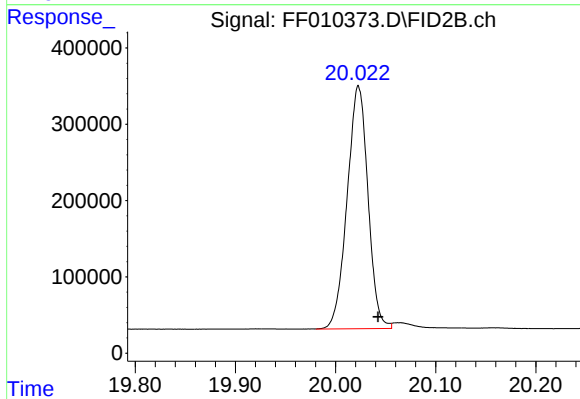
#14 N-DOTRIACONTANE

R.T.: 18.504 min
Delta R.T.: -0.016 min
Response: 5594714
Conc: 43.35 ug/ml



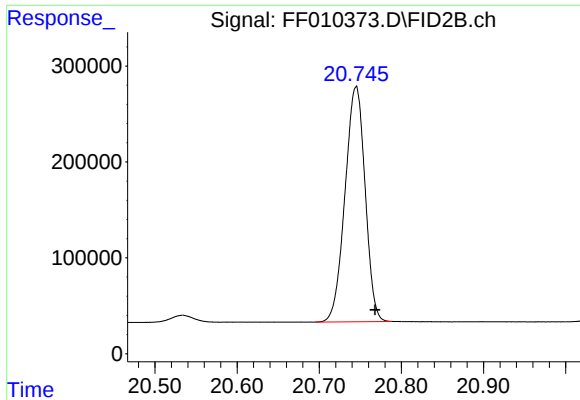
#15 N-TETRATRIACONTANE

R.T.: 19.285 min
Delta R.T.: -0.018 min
Response: 5107217
Conc: 43.88 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.022 min
Delta R.T.: -0.020 min
Response: 4602094
Conc: 44.12 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.745 min
Delta R.T.: -0.023 min
Response: 4169203
Conc: 46.66 ug/ml

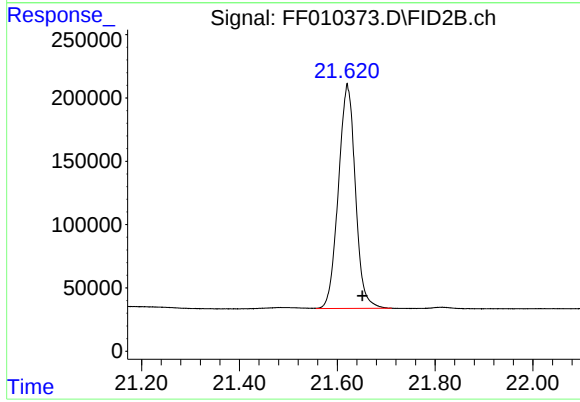
Instrument :

FID_F

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#18 N-TETRACONTANE

R.T.: 21.620 min
Delta R.T.: -0.031 min
Response: 4259232
Conc: 48.62 ug/ml m