

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110121\
 Data File : FF009238.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2021 19:05
 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 :Ankita Jodhani 11/02/2021
 Supervised By :mohammad ahmed 11/02/2021

Integration File: autoint1.e
 Quant Time: Nov 02 01:12:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100721.M
 Quant Title :
 QLast Update : Fri Oct 08 02:25:33 2021
 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...	14.713	4464236	40.711 ug/ml
Target Compounds			
1) N-OCTANE	2.361	5704189	45.627 ug/ml
2) N-DECANE	4.466	5716630	45.104 ug/ml
3) N-DODECANE	6.483	5625300	44.279 ug/ml
4) N-TETRADECANE	8.276	5511712	43.959 ug/ml
5) N-HEXADECANE	9.873	5465082	43.046 ug/ml
6) N-OCTADECANE	11.313	5462195	42.371 ug/ml
7) N-EICOSANE	12.621	5353556	41.585 ug/ml
8) N-DOCOSANE	13.817	5169909	40.893 ug/ml
10) N-TETRACOSANE	14.917	5085756	40.628 ug/ml
11) N-HEXACOSANE	15.935	4945325	40.851 ug/ml
12) N-OCTACOSANE	16.883	4849285	41.424 ug/ml
13) N-TRIACONTANE	17.768	4861724	43.093 ug/ml
14) N-DOTRIACONTANE	18.597	4682741	44.343 ug/ml
15) N-TETRATRIACONTANE	19.379	4695153	48.042 ug/ml
16) N-HEXATRIACONTANE	20.116	4762942	53.573 ug/ml
17) N-OCTATRIACONTANE	20.854	4682193	57.350 ug/ml
18) N-TETRACONTANE	21.774	5094111	62.703 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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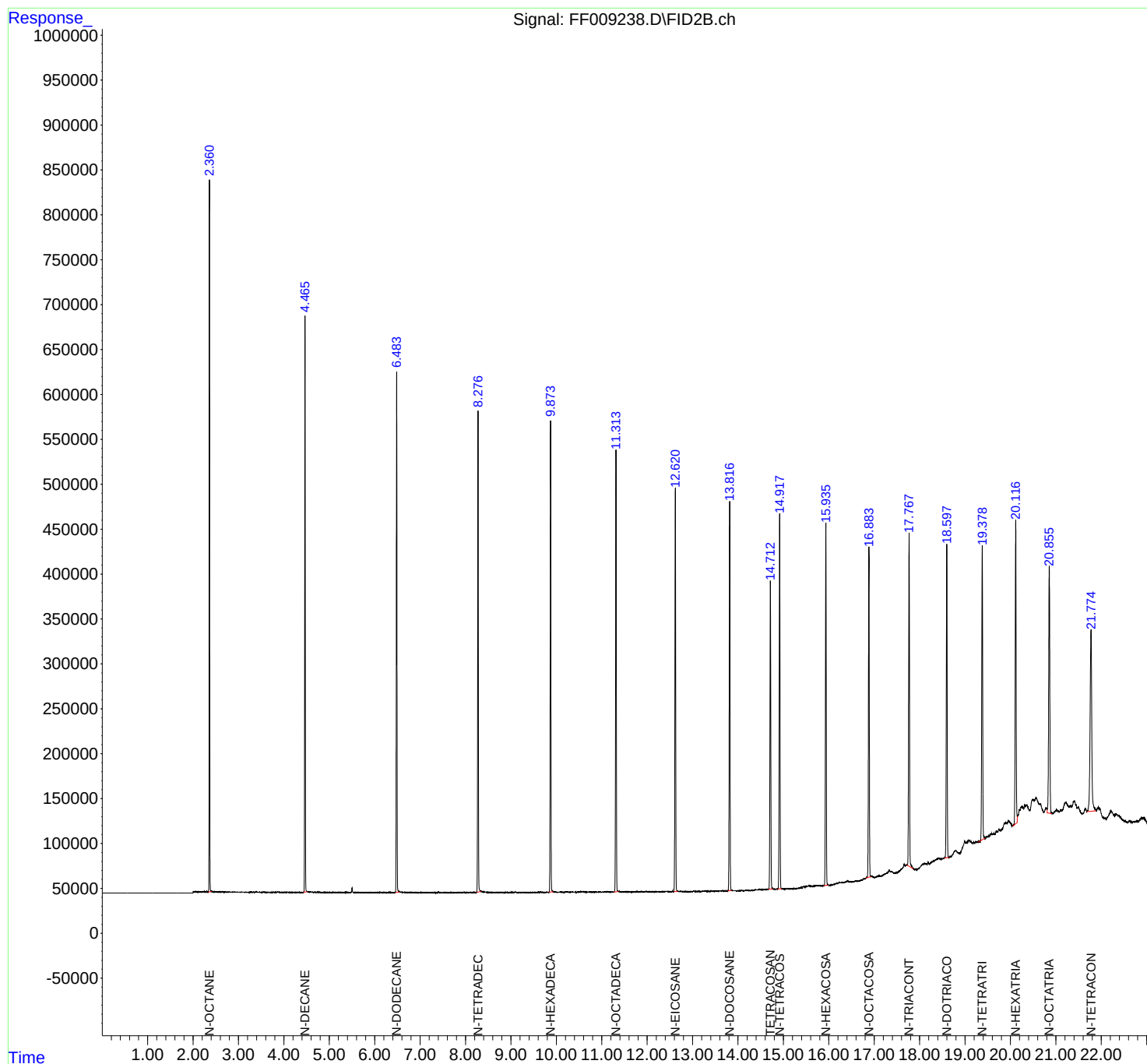
Instrument :
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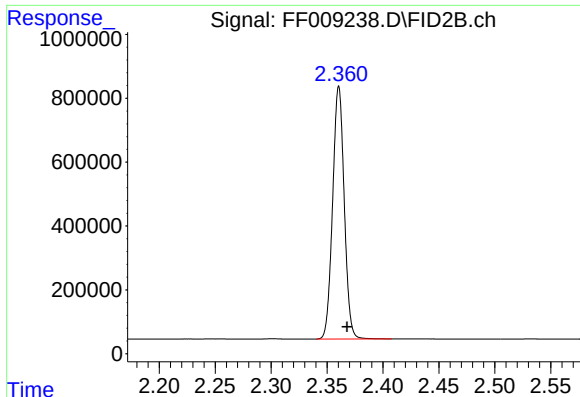
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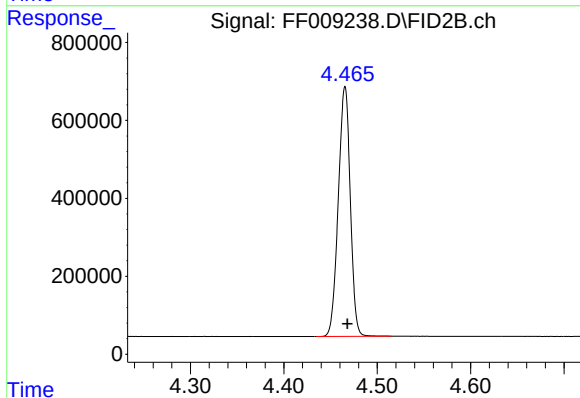
#1 N-OCTANE

R.T.: 2.361 min
Delta R.T.: -0.007 min
Response: 5704189
Conc: 45.63 ug/ml

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50 PPM TRPH STD

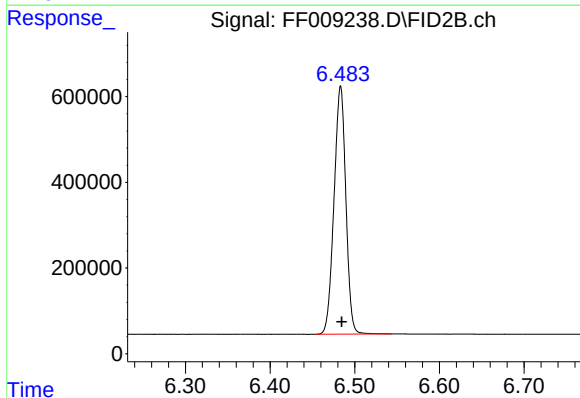
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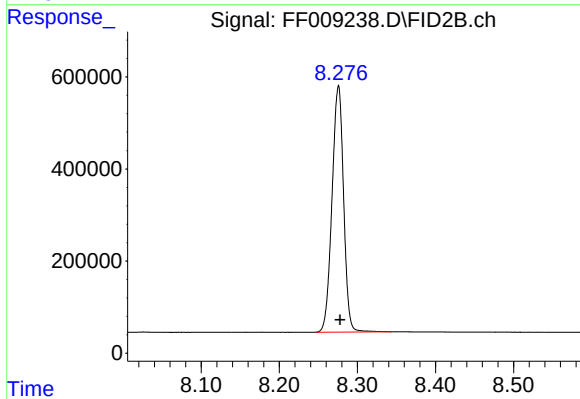
#2 N-DECANE

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 5716630
Conc: 45.10 ug/ml



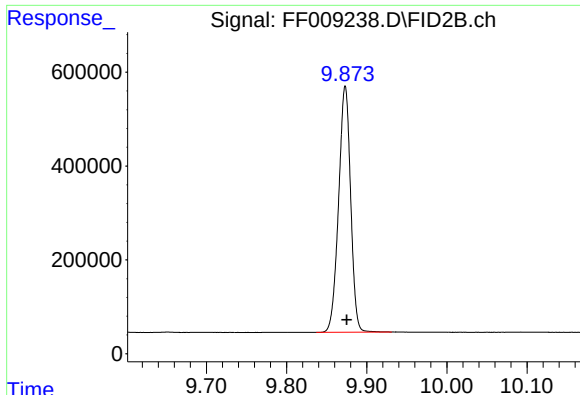
#3 N-DODECANE

R.T.: 6.483 min
Delta R.T.: -0.001 min
Response: 5625300
Conc: 44.28 ug/ml



#4 N-TETRADECANE

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 5511712
Conc: 43.96 ug/ml



#5 N-HEXADECANE

R.T.: 9.873 min
Delta R.T.: -0.002 min
Response: 5465082
Conc: 43.05 ug/ml

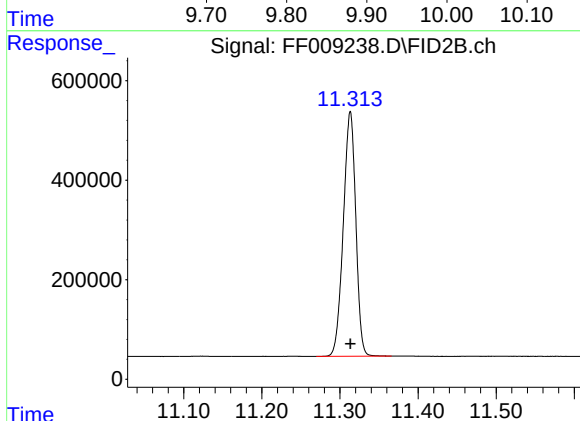
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

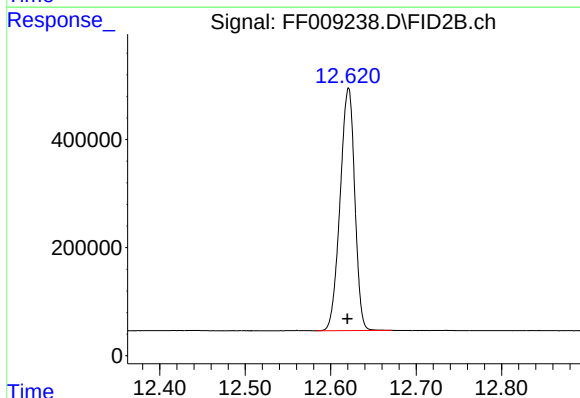
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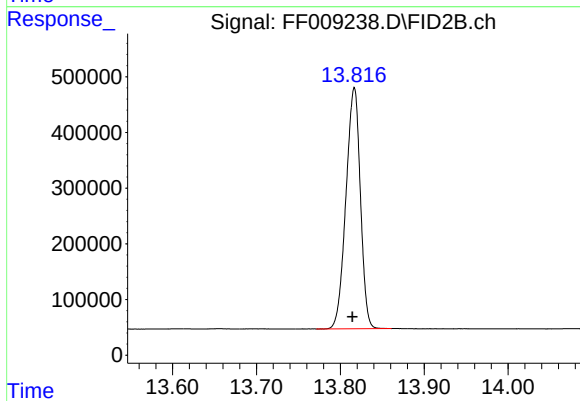
#6 N-OCTADECANE

R.T.: 11.313 min
Delta R.T.: 0.000 min
Response: 5462195
Conc: 42.37 ug/ml



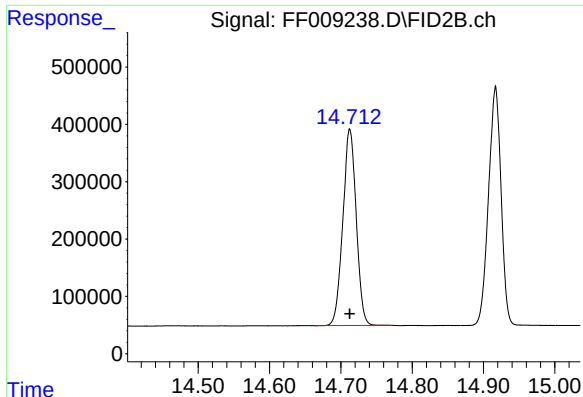
#7 N-EICOSANE

R.T.: 12.621 min
Delta R.T.: 0.001 min
Response: 5353556
Conc: 41.59 ug/ml



#8 N-DOCOSANE

R.T.: 13.817 min
Delta R.T.: 0.003 min
Response: 5169909
Conc: 40.89 ug/ml



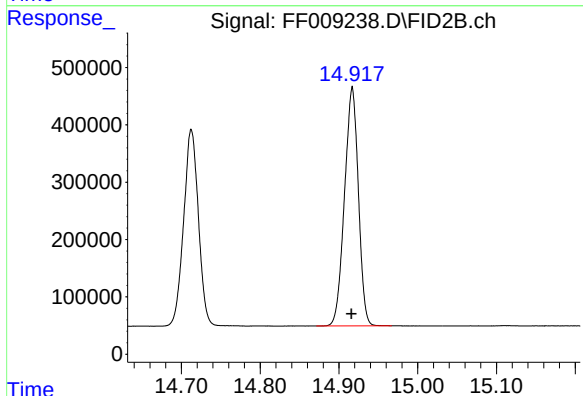
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.713 min
Delta R.T.: 0.000 min
Response: 4464236
Conc: 40.71 ug/ml

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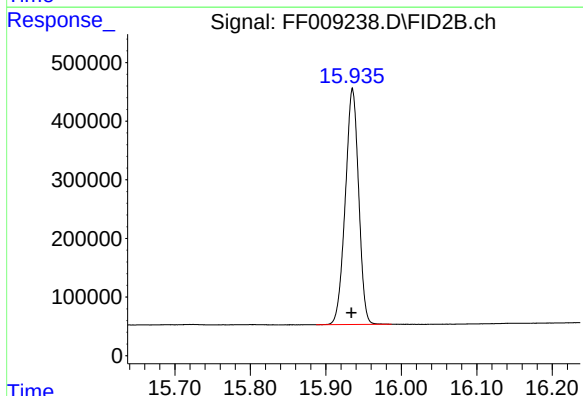
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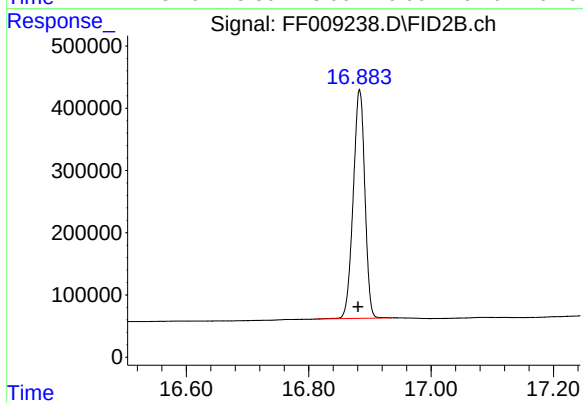
#10 N-TETRACOSANE

R.T.: 14.917 min
Delta R.T.: 0.001 min
Response: 5085756
Conc: 40.63 ug/ml



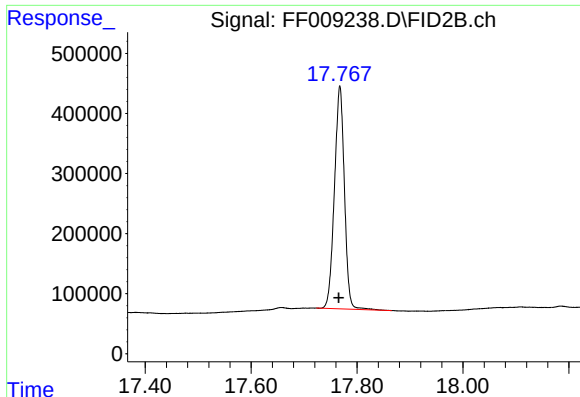
#11 N-HEXACOSANE

R.T.: 15.935 min
Delta R.T.: 0.001 min
Response: 4945325
Conc: 40.85 ug/ml



#12 N-OCTACOSANE

R.T.: 16.883 min
Delta R.T.: 0.002 min
Response: 4849285
Conc: 41.42 ug/ml



#13 N-TRIACONTANE

R.T.: 17.768 min
Delta R.T.: 0.002 min
Response: 4861724
Conc: 43.09 ug/ml

Instrument :

FID_F

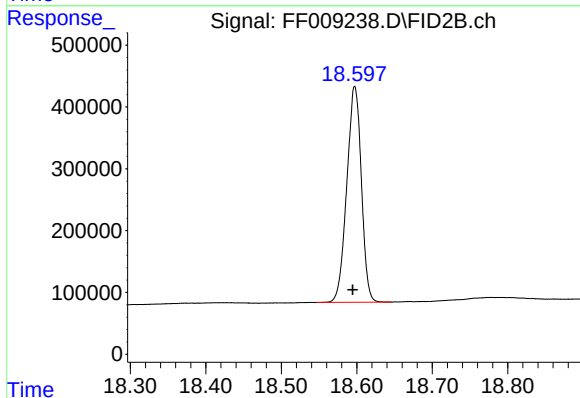
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

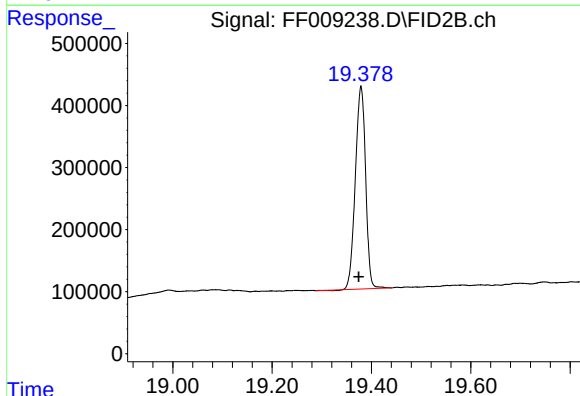
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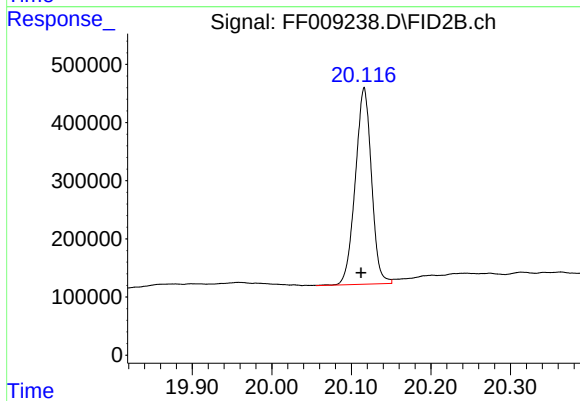
#14 N-DOTRIACONTANE

R.T.: 18.597 min
Delta R.T.: 0.003 min
Response: 4682741
Conc: 44.34 ug/ml



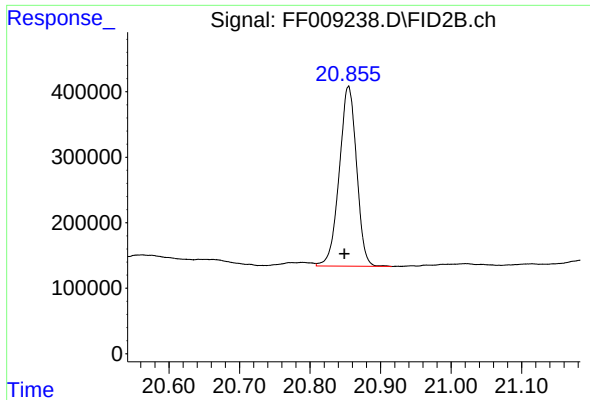
#15 N-TETRATRIACONTANE

R.T.: 19.379 min
Delta R.T.: 0.005 min
Response: 4695153
Conc: 48.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.116 min
Delta R.T.: 0.004 min
Response: 4762942
Conc: 53.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.854 min
Delta R.T.: 0.006 min
Response: 4682193
Conc: 57.35 ug/ml

Instrument :

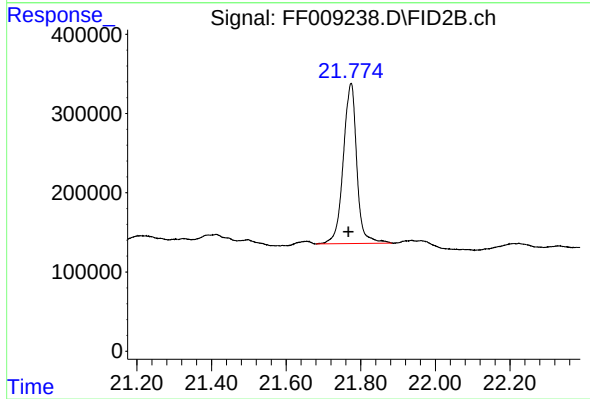
FID_F

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#18 N-TETRACONTANE

R.T.: 21.774 min
Delta R.T.: 0.007 min
Response: 5094111
Conc: 62.70 ug/ml m