

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041122\
 Data File : FF010327.D
 Signal(s) : FID2B.ch
 Acq On : 11 Apr 2022 15:03
 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 04/12/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File: autoint1.e
 Quant Time: Apr 12 01:10:21 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...	14.633	5290905	44.265 ug/ml
Target Compounds			
1) N-OCTANE	2.272	6167658	47.063 ug/ml
2) N-DECANE	4.366	6200676	46.640 ug/ml
3) N-DODECANE	6.385	6146153	46.160 ug/ml
4) N-TETRADECANE	8.180	6139260	46.304 ug/ml
5) N-HEXADECANE	9.782	6151405	46.335 ug/ml
6) N-OCTADECANE	11.224	6284712	45.711 ug/ml
7) N-EICOSANE	12.534	6073717	45.207 ug/ml
8) N-DOCOSANE	13.733	5993849	44.797 ug/ml
10) N-TETRACOSANE	14.836	5951899	44.448 ug/ml
11) N-HEXACOSANE	15.858	5851763	44.118 ug/ml
12) N-OCTACOSANE	16.808	5766557	43.508 ug/ml
13) N-TRIACONTANE	17.695	5609561	42.486 ug/ml
14) N-DOTRIACONTANE	18.527	5338437	41.360 ug/mlm
15) N-TETRATRIACONTANE	19.311	4768399	40.970 ug/ml
16) N-HEXATRIACONTANE	20.048	4080877	39.126 ug/mlm
17) N-OCTATRIACONTANE	20.774	3487432	39.034 ug/ml
18) N-TETRACONTANE	21.659	3467088	39.579 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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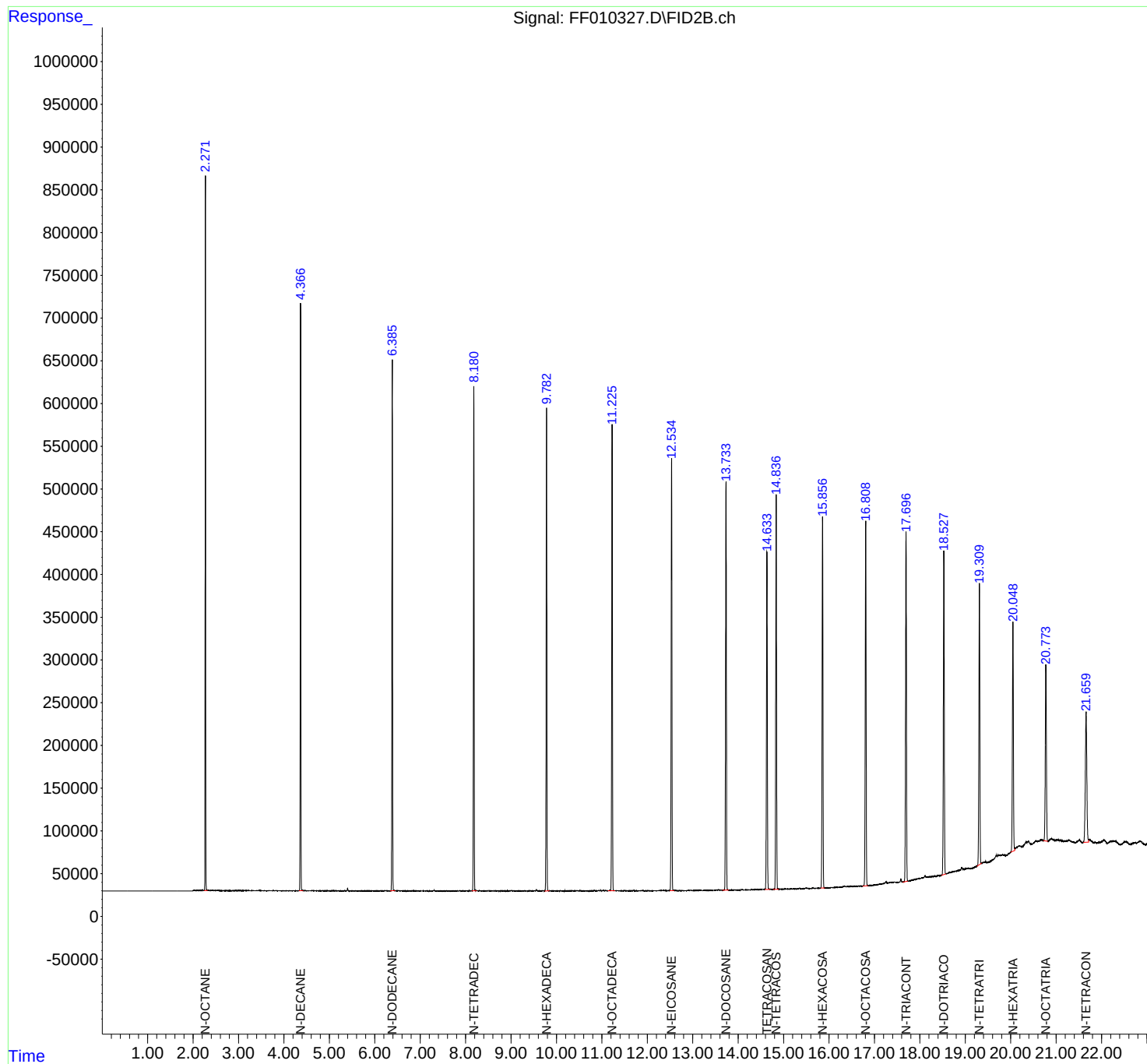
Instrument :
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50 PPM TRPH STD

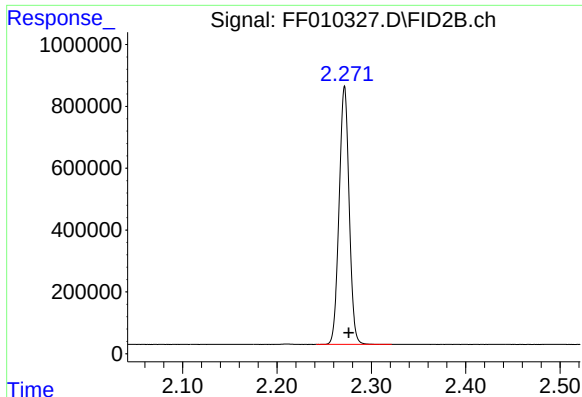
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#1 N-OCTANE

R.T.: 2.272 min
Delta R.T.: -0.004 min
Response: 6167658
Conc: 47.06 ug/ml

Instrument :

FID_F

ClientSampleId :

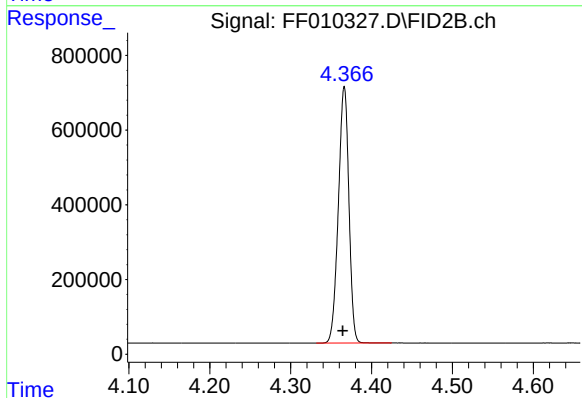
50 PPM TRPH STD

Manual Integrations

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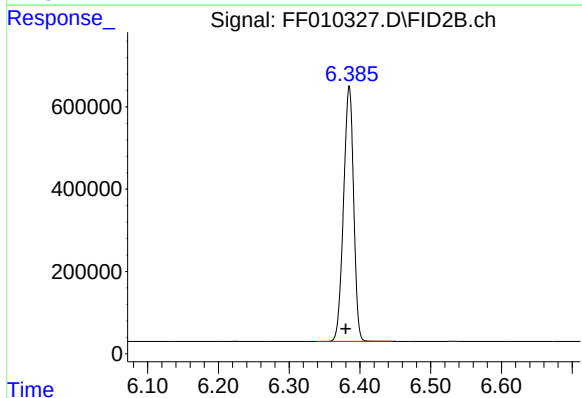
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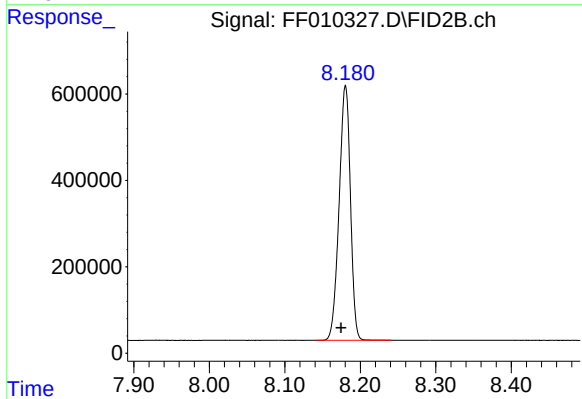
#2 N-DECANE

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 6200676
Conc: 46.64 ug/ml



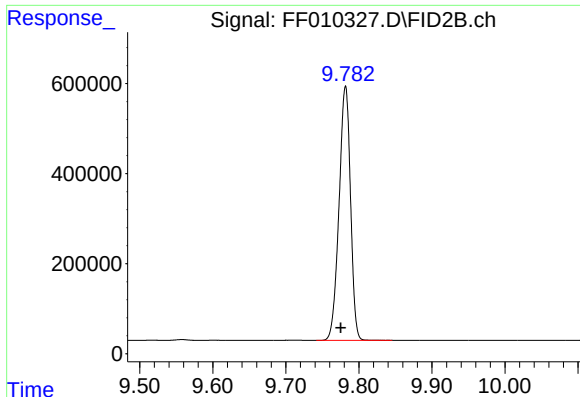
#3 N-DODECANE

R.T.: 6.385 min
Delta R.T.: 0.005 min
Response: 6146153
Conc: 46.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.180 min
Delta R.T.: 0.006 min
Response: 6139260
Conc: 46.30 ug/ml



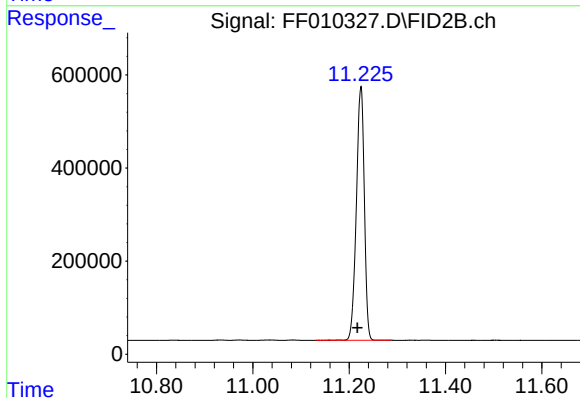
#5 N-HEXADECANE

R.T.: 9.782 min
Delta R.T.: 0.006 min
Response: 6151405
Conc: 46.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

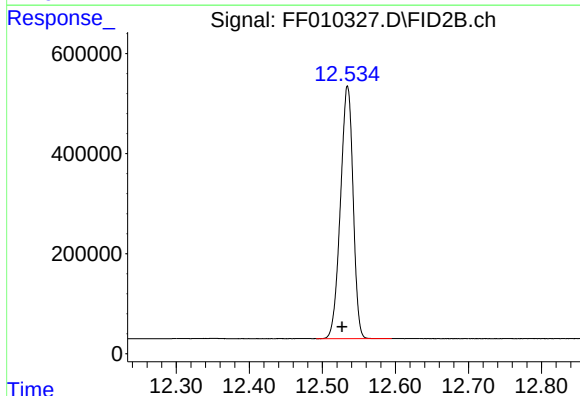
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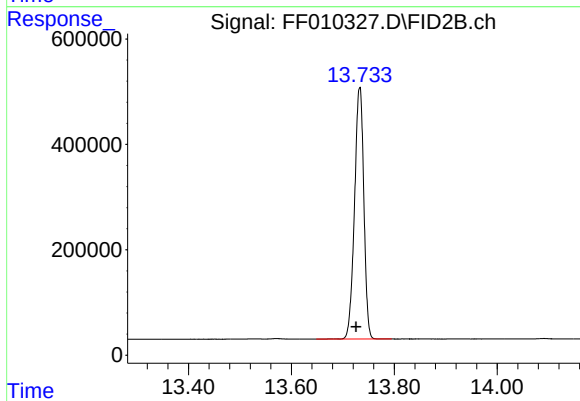
#6 N-OCTADECANE

R.T.: 11.224 min
Delta R.T.: 0.007 min
Response: 6284712
Conc: 45.71 ug/ml



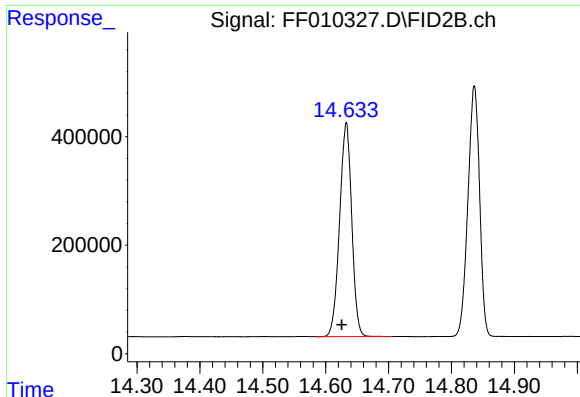
#7 N-EICOSANE

R.T.: 12.534 min
Delta R.T.: 0.007 min
Response: 6073717
Conc: 45.21 ug/ml



#8 N-DOCOSANE

R.T.: 13.733 min
Delta R.T.: 0.007 min
Response: 5993849
Conc: 44.80 ug/ml



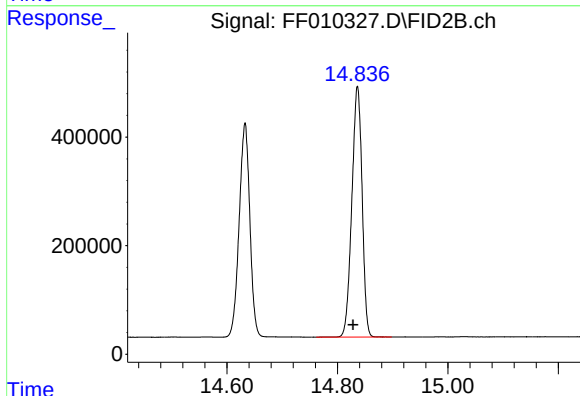
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min
Delta R.T.: 0.007 min
Response: 5290905
Conc: 44.26 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

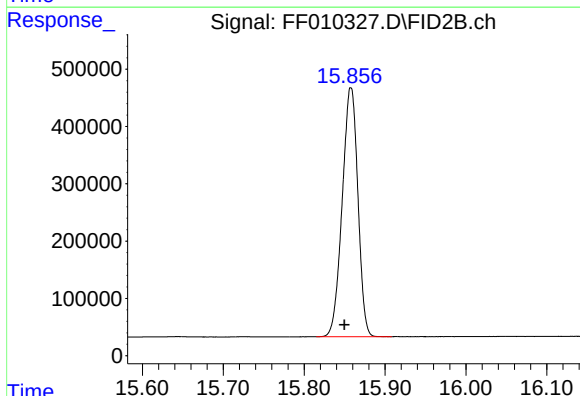
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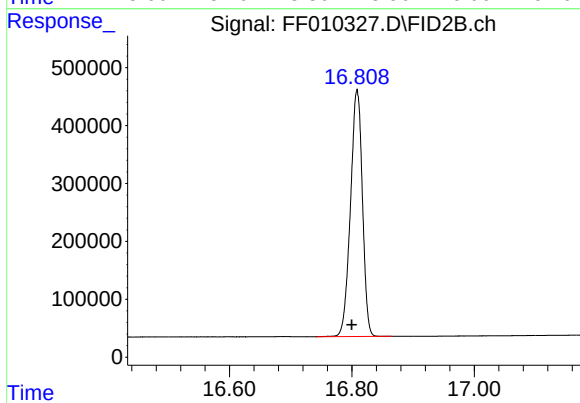
#10 N-TETRACOSANE

R.T.: 14.836 min
Delta R.T.: 0.008 min
Response: 5951899
Conc: 44.45 ug/ml



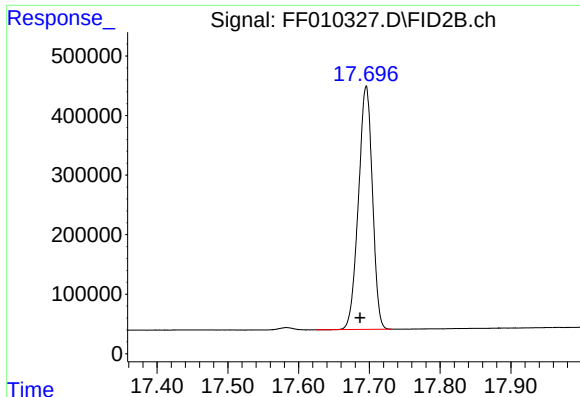
#11 N-HEXACOSANE

R.T.: 15.858 min
Delta R.T.: 0.008 min
Response: 5851763
Conc: 44.12 ug/ml



#12 N-OCTACOSANE

R.T.: 16.808 min
Delta R.T.: 0.009 min
Response: 5766557
Conc: 43.51 ug/ml



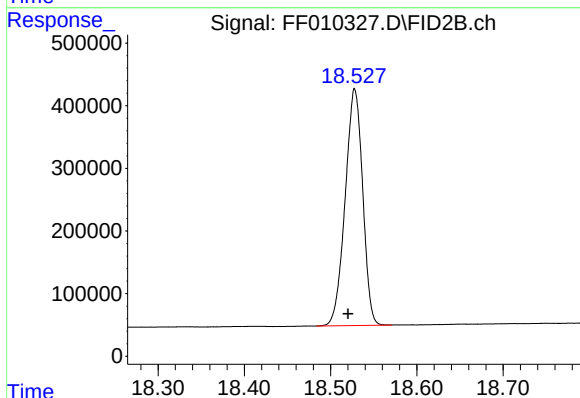
#13 N-TRIACONTANE

R.T.: 17.695 min
Delta R.T.: 0.008 min
Response: 5609561
Conc: 42.49 ug/ml

Instrument :
FID_F
ClientSampleId :
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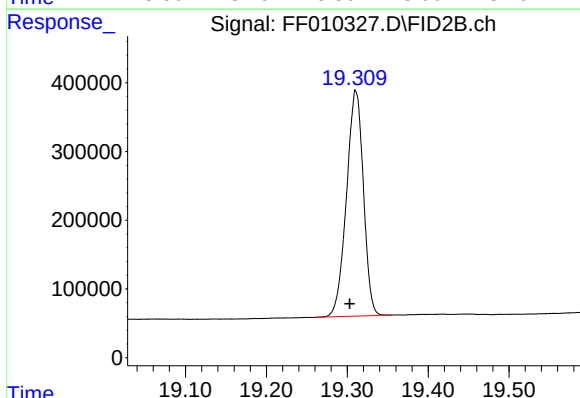
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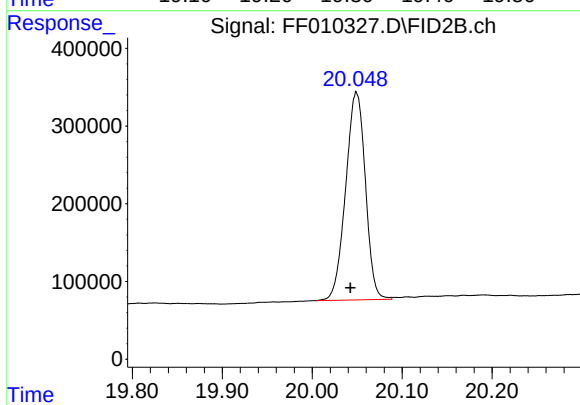
#14 N-DOTRIACONTANE

R.T.: 18.527 min
Delta R.T.: 0.007 min
Response: 5338437
Conc: 41.36 ug/ml m



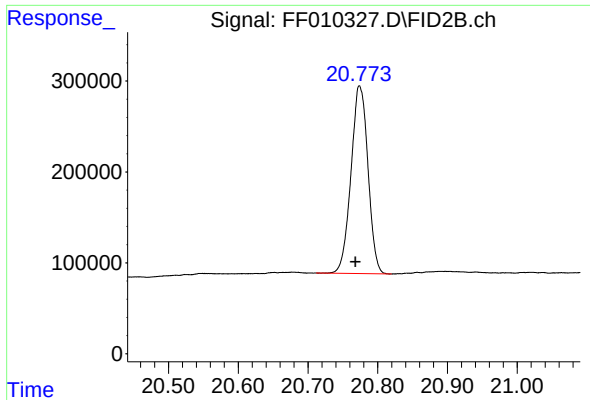
#15 N-TETRATRIACONTANE

R.T.: 19.311 min
Delta R.T.: 0.007 min
Response: 4768399
Conc: 40.97 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.048 min
Delta R.T.: 0.006 min
Response: 4080877
Conc: 39.13 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.774 min
Delta R.T.: 0.006 min
Response: 3487432
Conc: 39.03 ug/ml

Instrument :

FID_F

ClientSampleId :

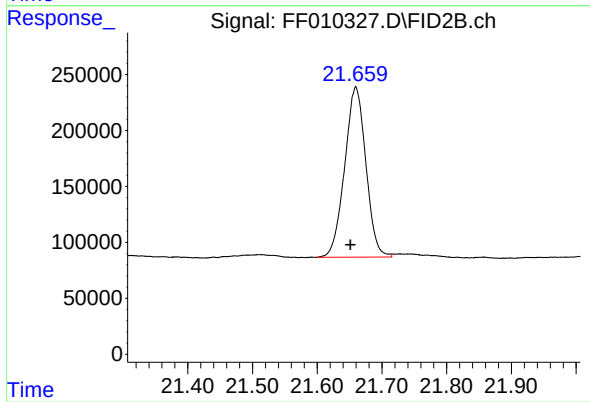
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#18 N-TETRACONTANE

R.T.: 21.659 min
Delta R.T.: 0.008 min
Response: 3467088
Conc: 39.58 ug/ml m