

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040922\
 Data File : FF010311.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2022 09:13
 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 04/11/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File: autoint1.e
 Quant Time: Apr 11 01:23:01 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...	14.631	5787141	48.416 ug/mlm
Target Compounds			
1) N-OCTANE	2.272	6667518	50.878 ug/ml
2) N-DECANE	4.365	6844846	51.485 ug/ml
3) N-DODECANE	6.384	6760041	50.771 ug/ml
4) N-TETRADECANE	8.179	6735576	50.801 ug/ml
5) N-HEXADECANE	9.780	6737305	50.748 ug/ml
6) N-OCTADECANE	11.223	6871129	49.976 ug/ml
7) N-EICOSANE	12.533	6637578	49.404 ug/ml
8) N-DOCOSANE	13.732	6555918	48.998 ug/ml
10) N-TETRACOSANE	14.836	6528722	48.756 ug/ml
11) N-HEXACOSANE	15.857	6440149	48.554 ug/ml
12) N-OCTACOSANE	16.807	6384595	48.171 ug/ml
13) N-TRIACONTANE	17.694	6300542	47.719 ug/ml
14) N-DOTRIACONTANE	18.527	6074057	47.059 ug/ml
15) N-TETRATRIACONTANE	19.310	5578162	47.928 ug/ml
16) N-HEXATRIACONTANE	20.050	4947179	47.432 ug/mlm
17) N-OCTATRIACONTANE	20.775	4447611	49.781 ug/ml
18) N-TETRACONTANE	21.661	4380234	50.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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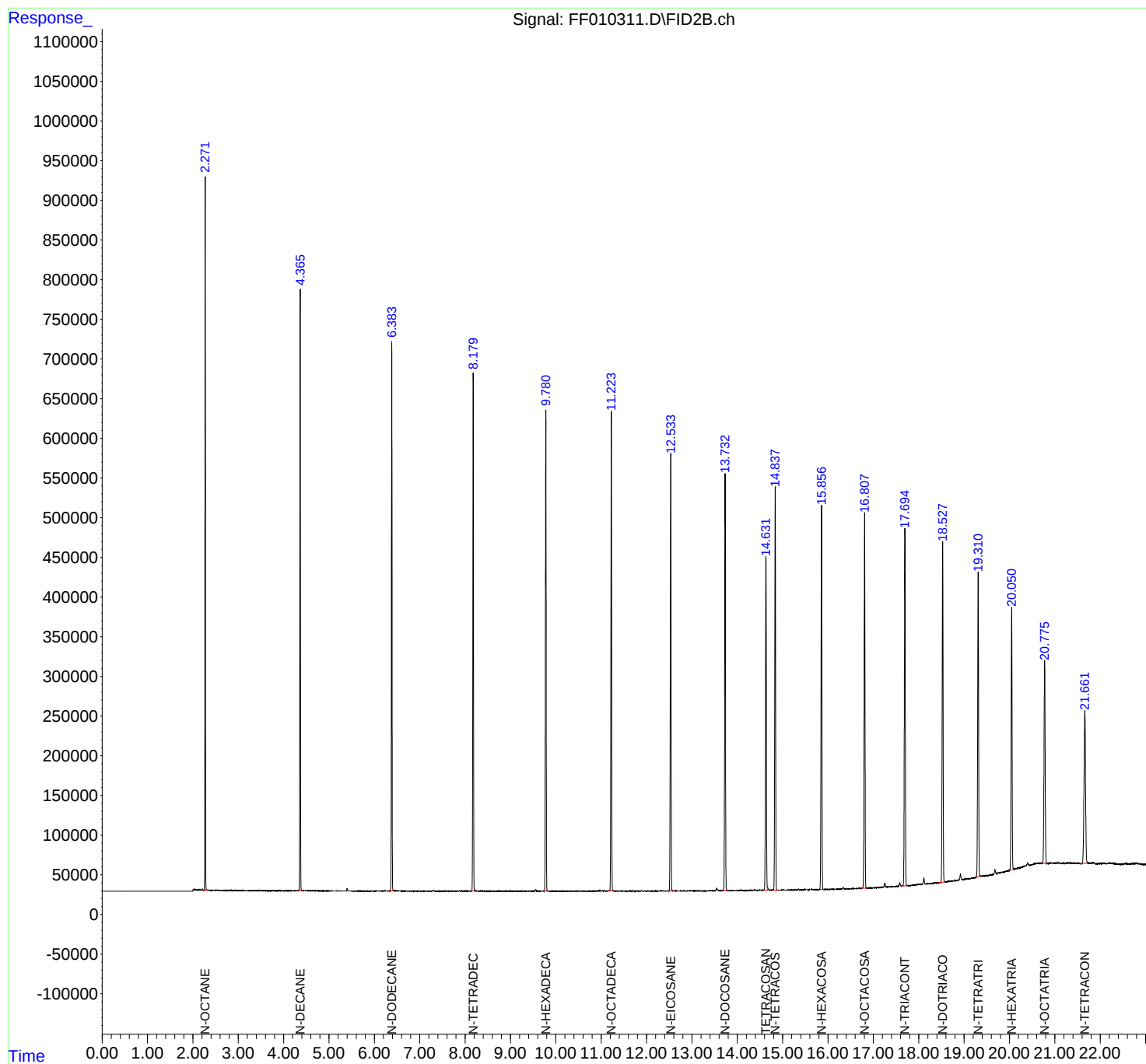
Instrument :
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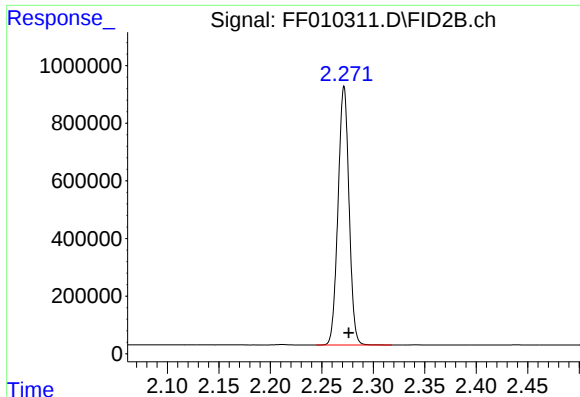
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#1 N-OCTANE

R.T.: 2.272 min
Delta R.T.: -0.004 min
Response: 6667518
Conc: 50.88 ug/ml

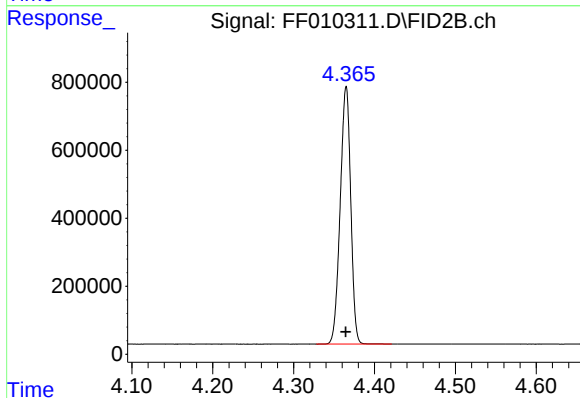
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

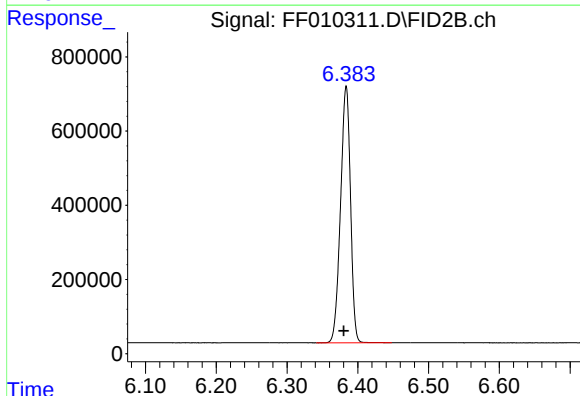
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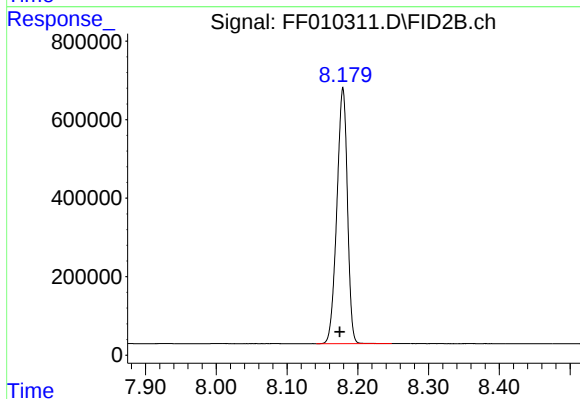
#2 N-DECANE

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 6844846
Conc: 51.48 ug/ml



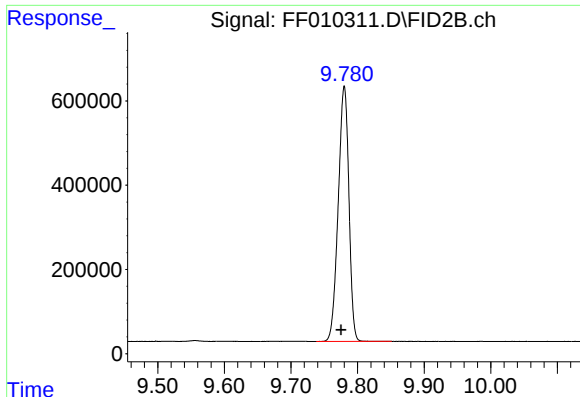
#3 N-DODECANE

R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 6760041
Conc: 50.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.179 min
Delta R.T.: 0.004 min
Response: 6735576
Conc: 50.80 ug/ml



#5 N-HEXADECANE

R.T.: 9.780 min
Delta R.T.: 0.005 min
Response: 6737305
Conc: 50.75 ug/ml

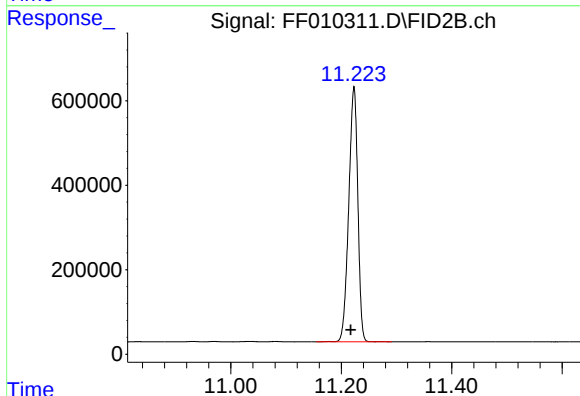
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

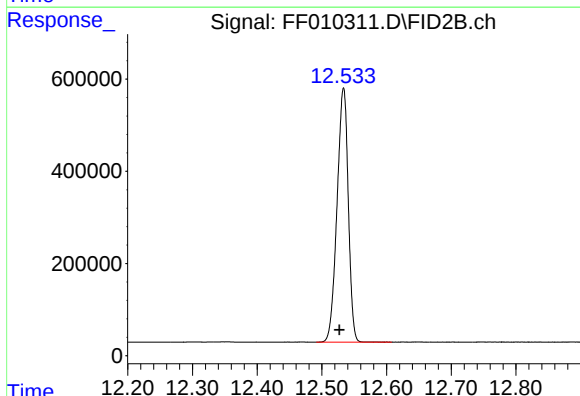
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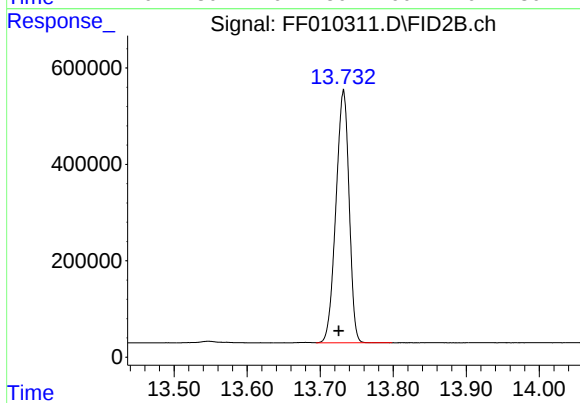
#6 N-OCTADECANE

R.T.: 11.223 min
Delta R.T.: 0.006 min
Response: 6871129
Conc: 49.98 ug/ml



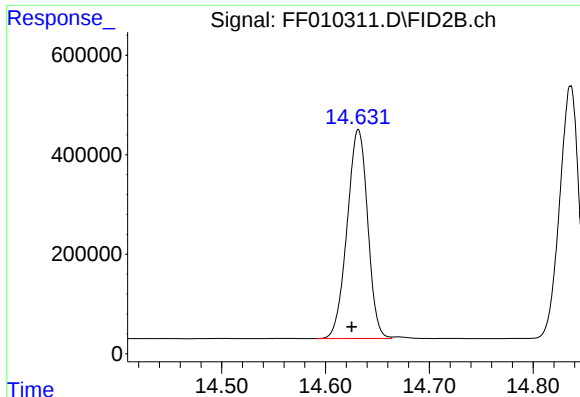
#7 N-EICOSANE

R.T.: 12.533 min
Delta R.T.: 0.006 min
Response: 6637578
Conc: 49.40 ug/ml



#8 N-DOCOSANE

R.T.: 13.732 min
Delta R.T.: 0.006 min
Response: 6555918
Conc: 49.00 ug/ml



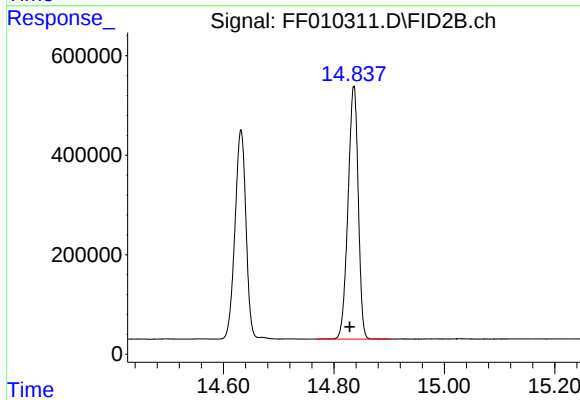
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.631 min
Delta R.T.: 0.006 min
Response: 5787141
Conc: 48.42 ug/ml

Instrument :
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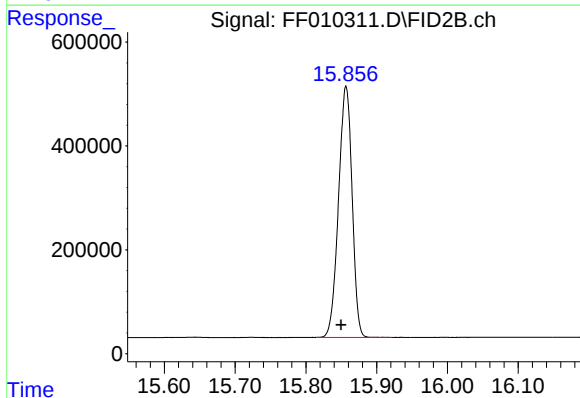
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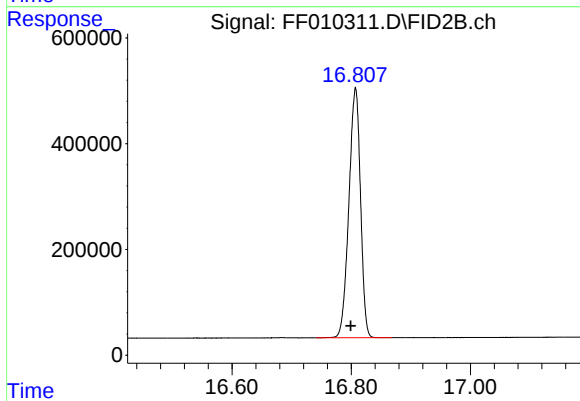
#10 N-TETRACOSANE

R.T.: 14.836 min
Delta R.T.: 0.007 min
Response: 6528722
Conc: 48.76 ug/ml



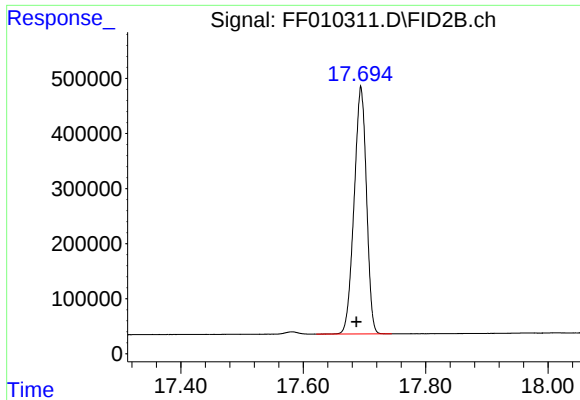
#11 N-HEXACOSANE

R.T.: 15.857 min
Delta R.T.: 0.007 min
Response: 6440149
Conc: 48.55 ug/ml



#12 N-OCTACOSANE

R.T.: 16.807 min
Delta R.T.: 0.008 min
Response: 6384595
Conc: 48.17 ug/ml



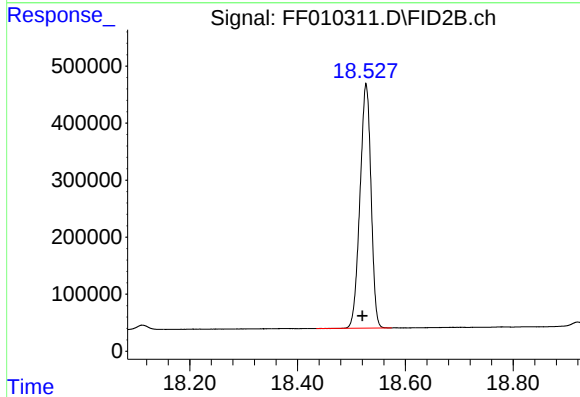
#13 N-TRIACONTANE

R.T.: 17.694 min
Delta R.T.: 0.007 min
Response: 6300542
Conc: 47.72 ug/ml

Instrument :
FID_F
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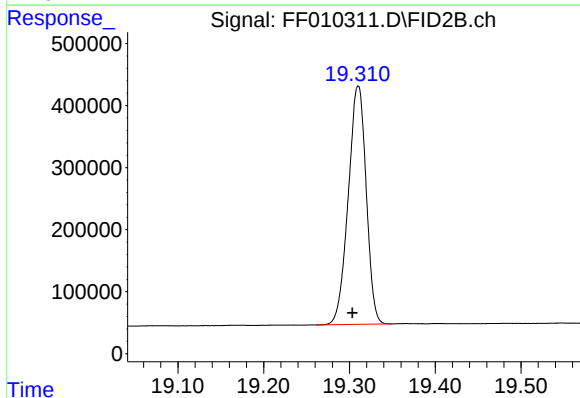
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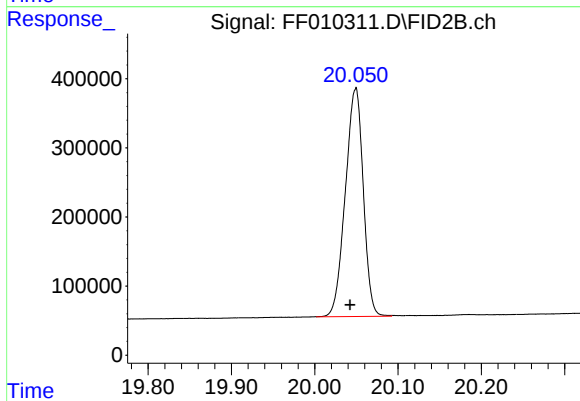
#14 N-DOTRIACONTANE

R.T.: 18.527 min
Delta R.T.: 0.007 min
Response: 6074057
Conc: 47.06 ug/ml



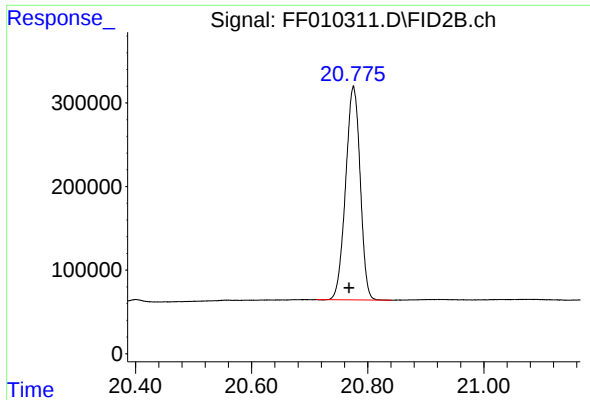
#15 N-TETRATRIACONTANE

R.T.: 19.310 min
Delta R.T.: 0.007 min
Response: 5578162
Conc: 47.93 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.050 min
Delta R.T.: 0.007 min
Response: 4947179
Conc: 47.43 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.775 min
Delta R.T.: 0.007 min
Response: 4447611
Conc: 49.78 ug/ml

Instrument :

FID_F

ClientSampleId :

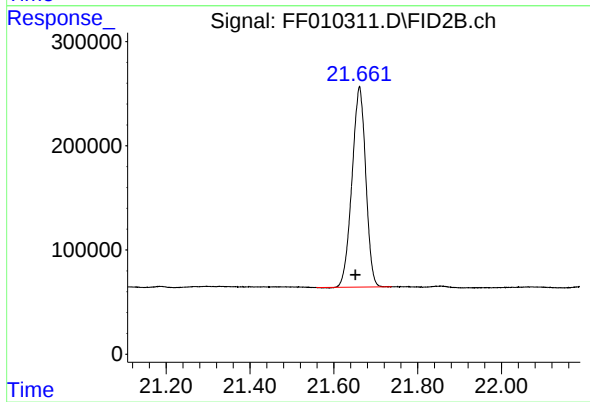
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#18 N-TETRACONTANE

R.T.: 21.661 min
Delta R.T.: 0.010 min
Response: 4380234
Conc: 50.00 ug/ml