

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041122\
 Data File : FF010322.D
 Signal(s) : FID2B.ch
 Acq On : 11 Apr 2022 11:45
 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 01:09:27 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...	14.634	5057367	42.311 ug/ml
Target Compounds			
1) N-OCTANE	2.272	5910559	45.101 ug/ml
2) N-DECANE	4.366	5943113	44.702 ug/ml
3) N-DODECANE	6.385	5890138	44.237 ug/ml
4) N-TETRADECANE	8.181	5869764	44.271 ug/ml
5) N-HEXADECANE	9.782	5894846	44.402 ug/ml
6) N-OCTADECANE	11.225	6016778	43.762 ug/ml
7) N-EICOSANE	12.535	5808220	43.231 ug/ml
8) N-DOCOSANE	13.734	5730588	42.829 ug/ml
10) N-TETRACOSANE	14.838	5685052	42.455 ug/ml
11) N-HEXACOSANE	15.859	5595372	42.185 ug/ml
12) N-OCTACOSANE	16.809	5497804	41.480 ug/ml
13) N-TRIACONTANE	17.697	5343570	40.471 ug/ml
14) N-DOTRIACONTANE	18.529	5049734	39.123 ug/ml
15) N-TETRATRIACONTANE	19.312	4488799	38.568 ug/ml
16) N-HEXATRIACONTANE	20.051	3778698	36.229 ug/mlm
17) N-OCTATRIACONTANE	20.777	3290127	36.825 ug/ml
18) N-TETRACONTANE	21.664	3207214	36.612 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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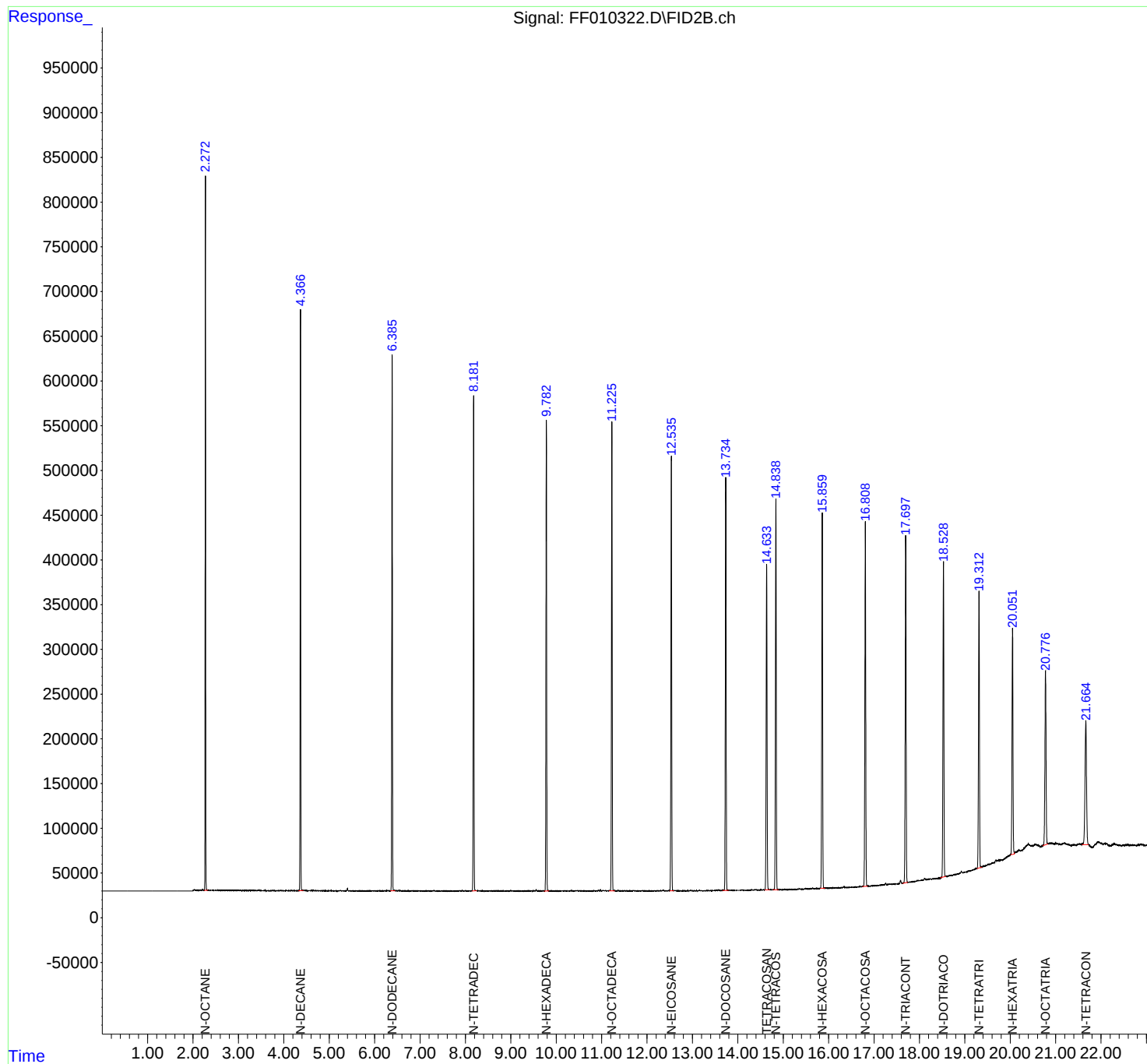
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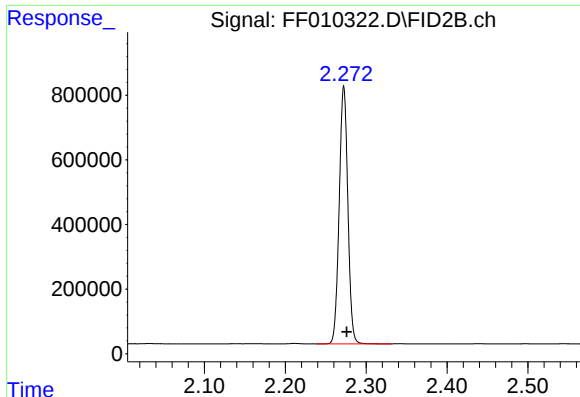
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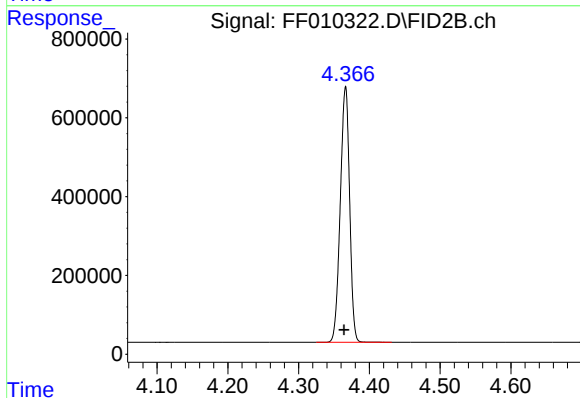
#1 N-OCTANE

R.T.: 2.272 min
Delta R.T.: -0.004 min
Response: 5910559
Conc: 45.10 ug/ml

Instrument :
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50 PPM TRPH STD

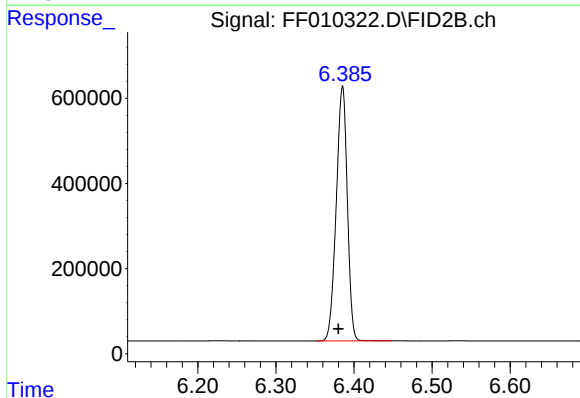
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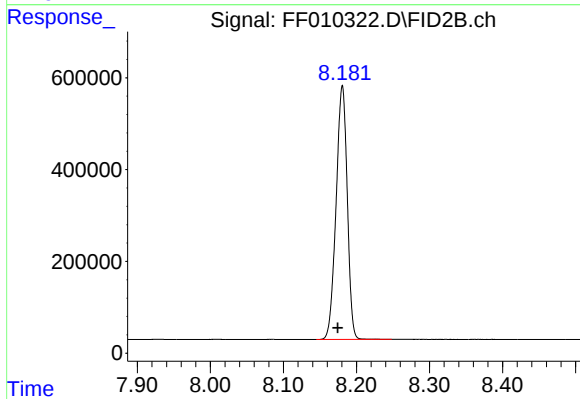
#2 N-DECANE

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 5943113
Conc: 44.70 ug/ml



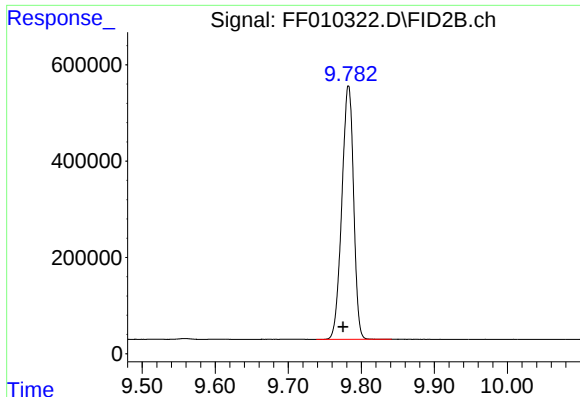
#3 N-DODECANE

R.T.: 6.385 min
Delta R.T.: 0.005 min
Response: 5890138
Conc: 44.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.181 min
Delta R.T.: 0.006 min
Response: 5869764
Conc: 44.27 ug/ml



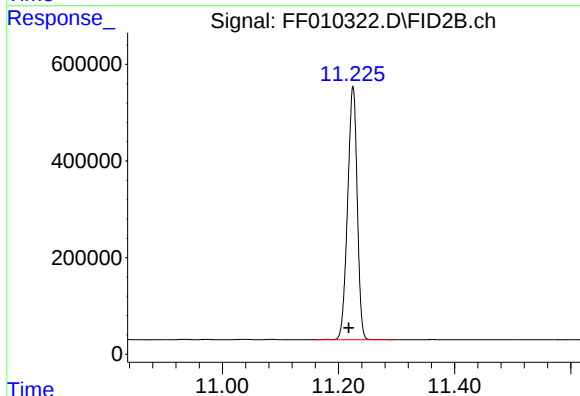
#5 N-HEXADECANE

R.T.: 9.782 min
Delta R.T.: 0.007 min
Response: 5894846
Conc: 44.40 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

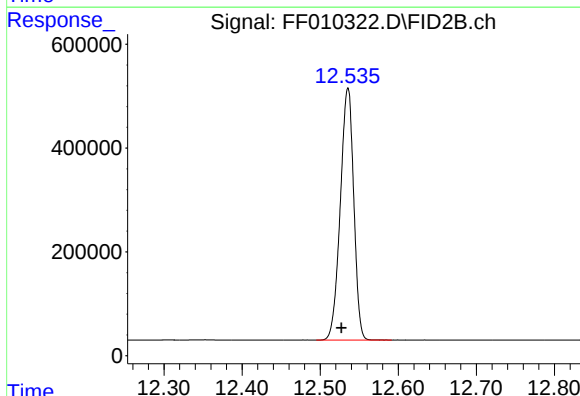
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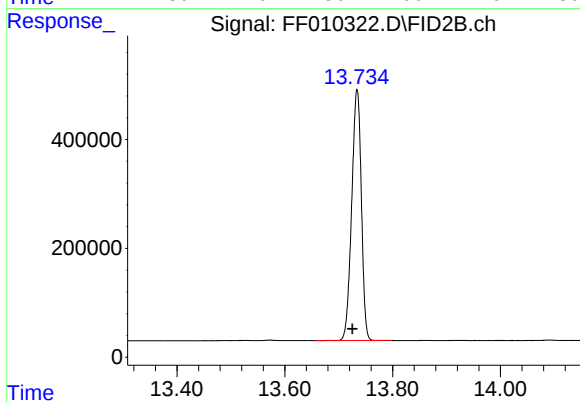
#6 N-OCTADECANE

R.T.: 11.225 min
Delta R.T.: 0.008 min
Response: 6016778
Conc: 43.76 ug/ml



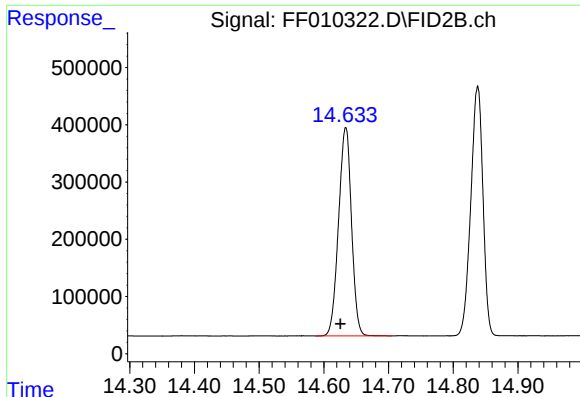
#7 N-EICOSANE

R.T.: 12.535 min
Delta R.T.: 0.008 min
Response: 5808220
Conc: 43.23 ug/ml



#8 N-DOCOSANE

R.T.: 13.734 min
Delta R.T.: 0.008 min
Response: 5730588
Conc: 42.83 ug/ml



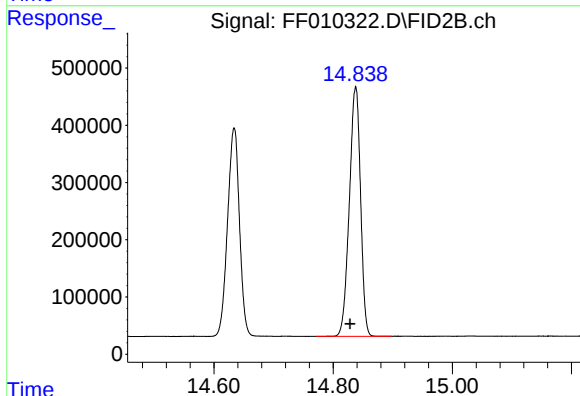
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.634 min
Delta R.T.: 0.008 min
Response: 5057367
Conc: 42.31 ug/ml

Instrument :
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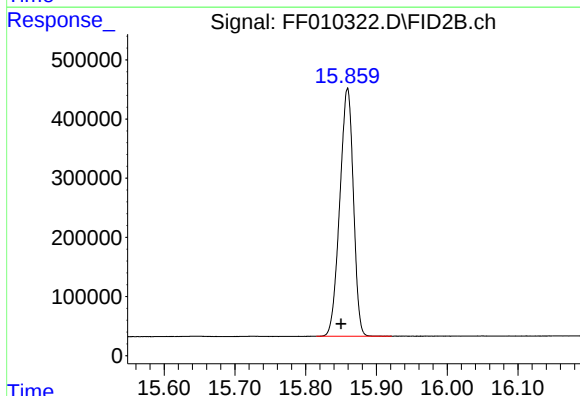
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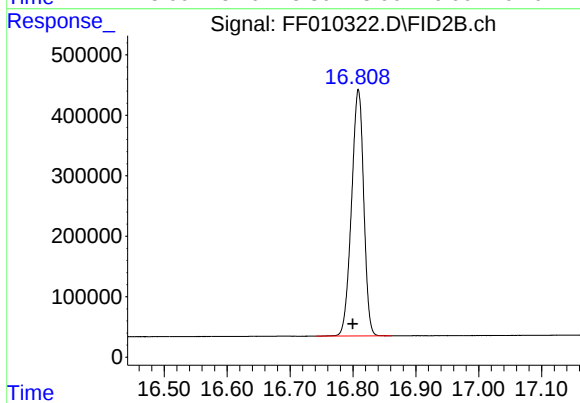
#10 N-TETRACOSANE

R.T.: 14.838 min
Delta R.T.: 0.009 min
Response: 5685052
Conc: 42.46 ug/ml



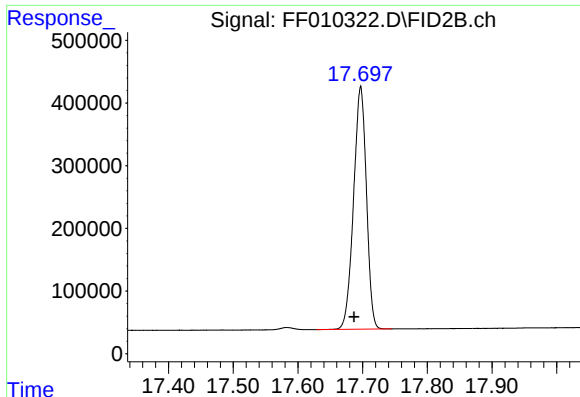
#11 N-HEXACOSANE

R.T.: 15.859 min
Delta R.T.: 0.009 min
Response: 5595372
Conc: 42.19 ug/ml



#12 N-OCTACOSANE

R.T.: 16.809 min
Delta R.T.: 0.009 min
Response: 5497804
Conc: 41.48 ug/ml



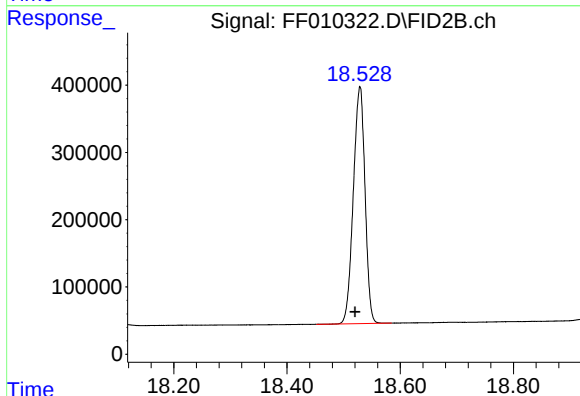
#13 N-TRIACONTANE

R.T.: 17.697 min
Delta R.T.: 0.010 min
Response: 5343570
Conc: 40.47 ug/ml

Instrument :
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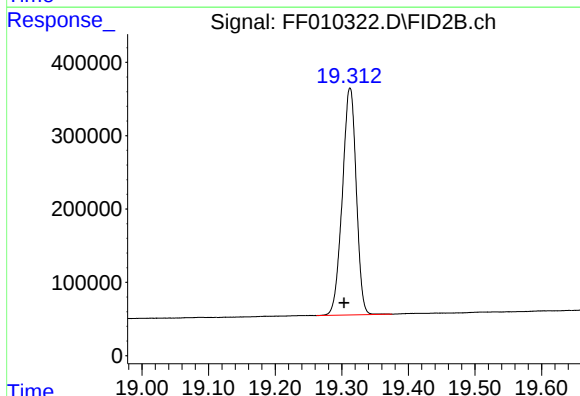
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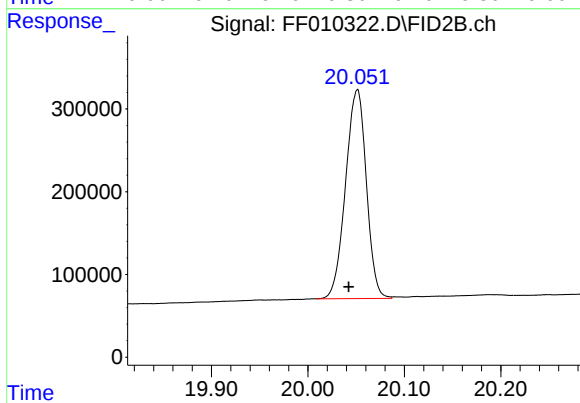
#14 N-DOTRIACONTANE

R.T.: 18.529 min
Delta R.T.: 0.008 min
Response: 5049734
Conc: 39.12 ug/ml



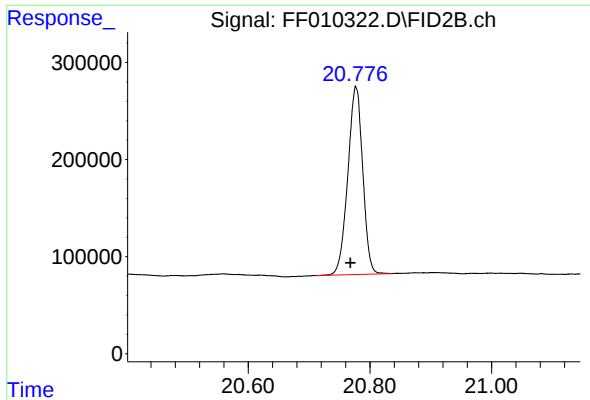
#15 N-TETRATRIACONTANE

R.T.: 19.312 min
Delta R.T.: 0.009 min
Response: 4488799
Conc: 38.57 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.051 min
Delta R.T.: 0.009 min
Response: 3778698
Conc: 36.23 ug/ml m



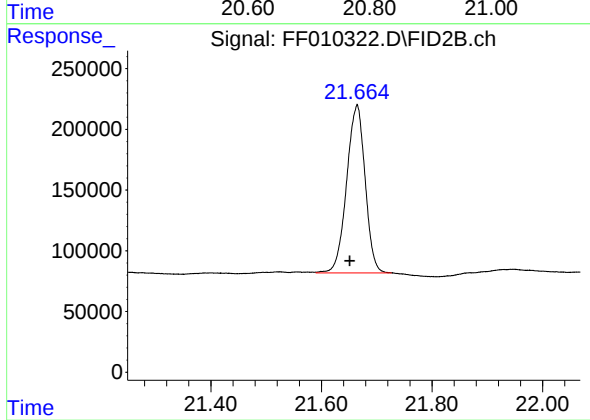
#17 N-OCTATRIACONTANE

R.T.: 20.777 min
Delta R.T.: 0.009 min
Response: 3290127
Conc: 36.83 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.664 min
Delta R.T.: 0.013 min
Response: 3207214
Conc: 36.61 ug/ml m