

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032622\
 Data File : FF010163.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2022 19:36
 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 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 22:26:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032622.M
 Quant Title :
 QLast Update : Sat Mar 26 09:58:43 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...	14.640	5241710	42.914 ug/mlm
Target Compounds			
1) N-OCTANE	2.280	6930750	51.445 ug/ml
2) N-DECANE	4.372	7012275	51.029 ug/ml
3) N-DODECANE	6.391	6958367	50.326 ug/ml
4) N-TETRADECANE	8.186	6931258	49.465 ug/ml
5) N-HEXADECANE	9.787	6827730	48.451 ug/ml
6) N-OCTADECANE	11.231	6818726	47.311 ug/ml
7) N-EICOSANE	12.541	6420948	45.922 ug/ml
8) N-DOCOSANE	13.740	6119654	44.410 ug/ml
10) N-TETRACOSANE	14.845	5850820	42.778 ug/ml
11) N-HEXACOSANE	15.867	5558303	41.401 ug/ml
12) N-OCTACOSANE	16.818	5361425	40.756 ug/ml
13) N-TRIACONTANE	17.706	5219215	40.732 ug/ml
14) N-DOTRIACONTANE	18.540	5074936	40.600 ug/ml
15) N-TETRATRIACONTANE	19.323	4691162	43.431 ug/mlm
16) N-HEXATRIACONTANE	20.064	4237535	47.134 ug/mlm
17) N-OCTATRIACONTANE	20.793	3786707	47.175 ug/ml
18) N-TETRACONTANE	21.684	4223331	48.494 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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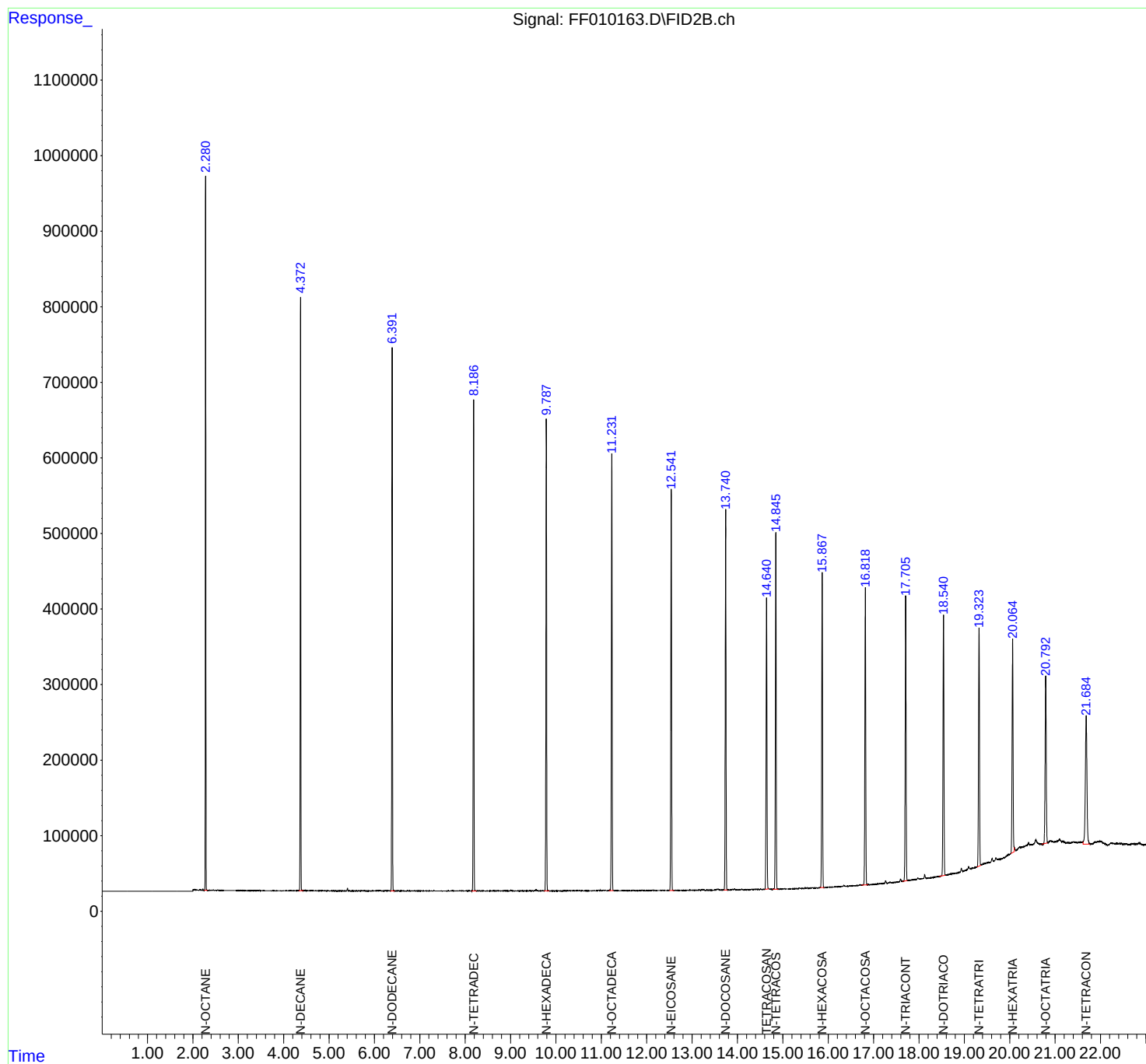
Instrument :
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50 PPM TRPH STD

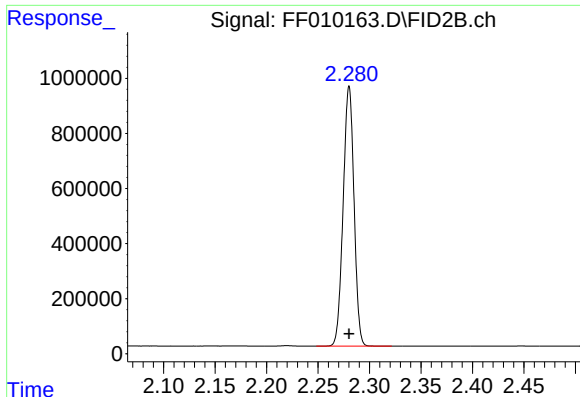
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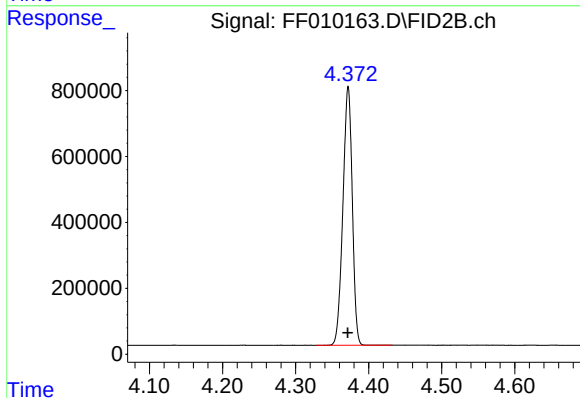
#1 N-OCTANE

R.T.: 2.280 min
Delta R.T.: 0.000 min
Response: 6930750
Conc: 51.44 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

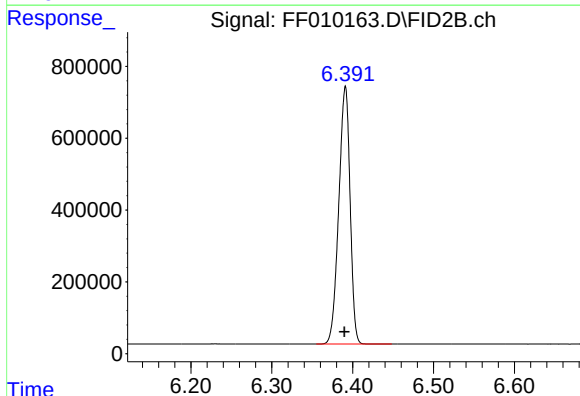
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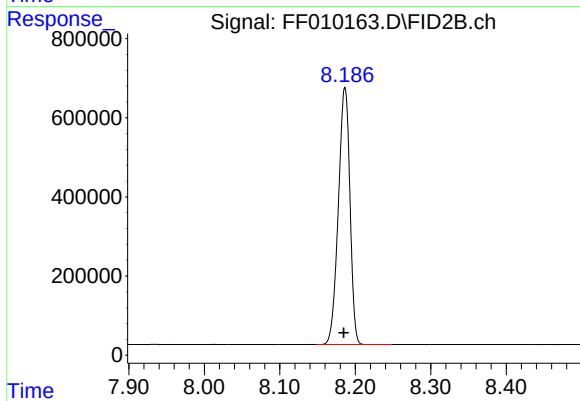
#2 N-DECANE

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 7012275
Conc: 51.03 ug/ml



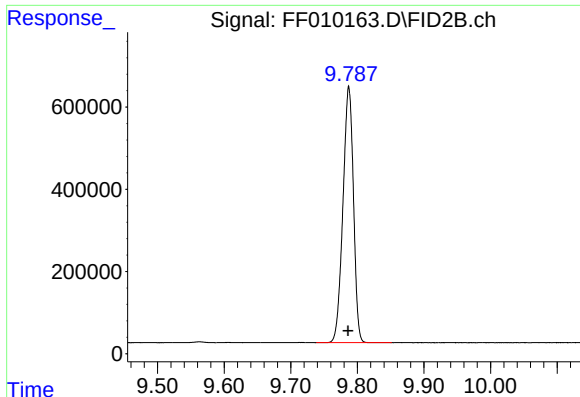
#3 N-DODECANE

R.T.: 6.391 min
Delta R.T.: 0.001 min
Response: 6958367
Conc: 50.33 ug/ml



#4 N-TETRADECANE

R.T.: 8.186 min
Delta R.T.: 0.002 min
Response: 6931258
Conc: 49.46 ug/ml



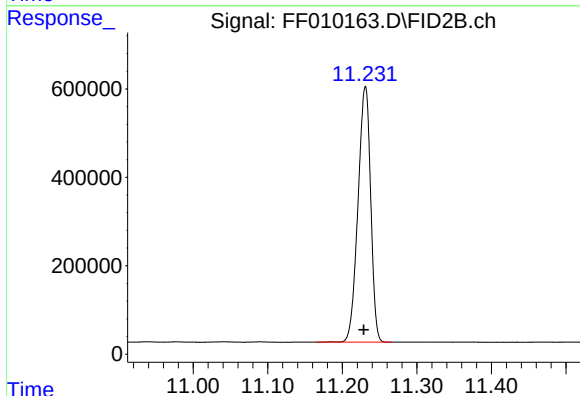
#5 N-HEXADECANE

R.T.: 9.787 min
Delta R.T.: 0.000 min
Response: 6827730
Conc: 48.45 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

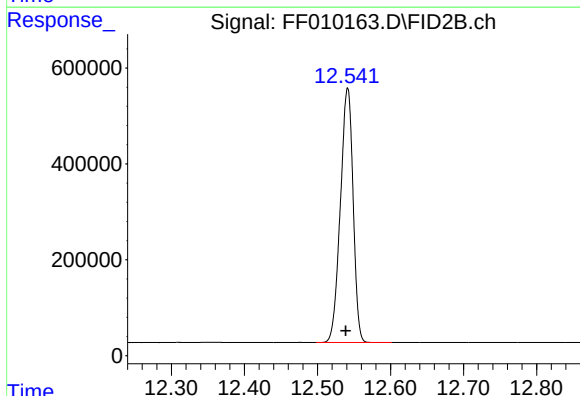
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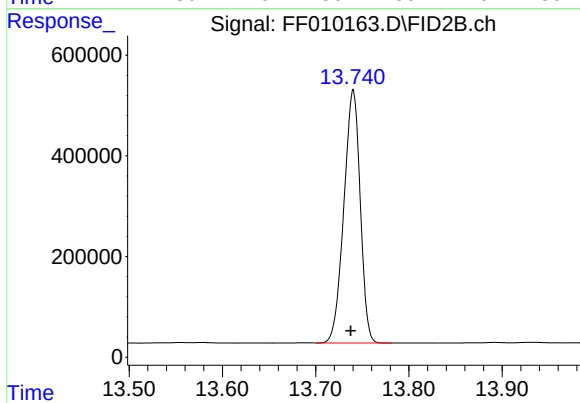
#6 N-OCTADECANE

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 6818726
Conc: 47.31 ug/ml



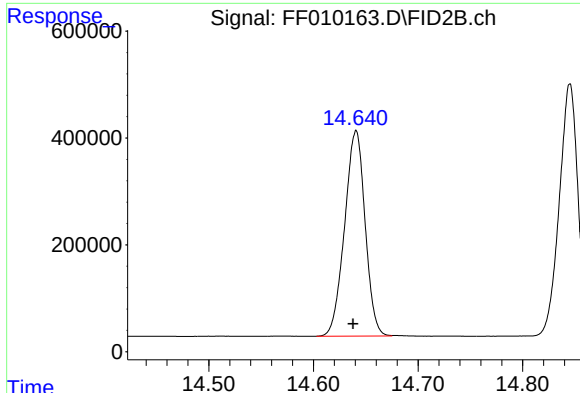
#7 N-EICOSANE

R.T.: 12.541 min
Delta R.T.: 0.002 min
Response: 6420948
Conc: 45.92 ug/ml



#8 N-DOCOSANE

R.T.: 13.740 min
Delta R.T.: 0.003 min
Response: 6119654
Conc: 44.41 ug/ml



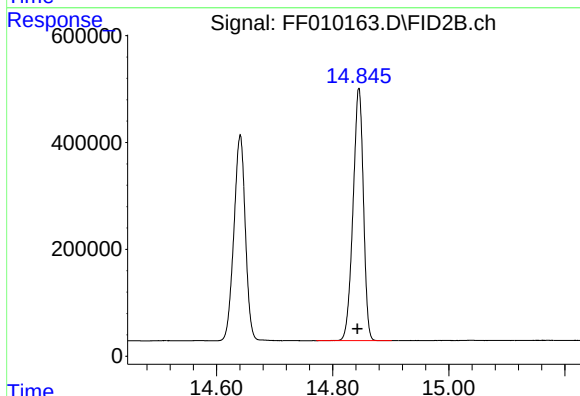
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.640 min
Delta R.T.: 0.002 min
Response: 5241710
Conc: 42.91 ug/ml

Instrument :
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50 PPM TRPH STD

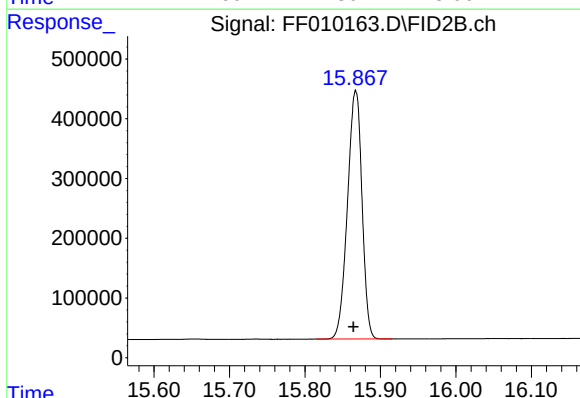
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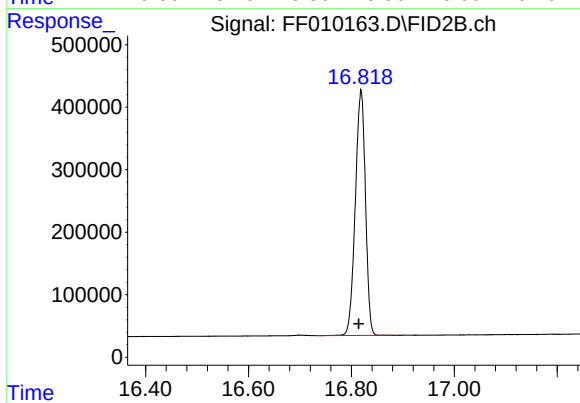
#10 N-TETRACOSANE

R.T.: 14.845 min
Delta R.T.: 0.003 min
Response: 5850820
Conc: 42.78 ug/ml



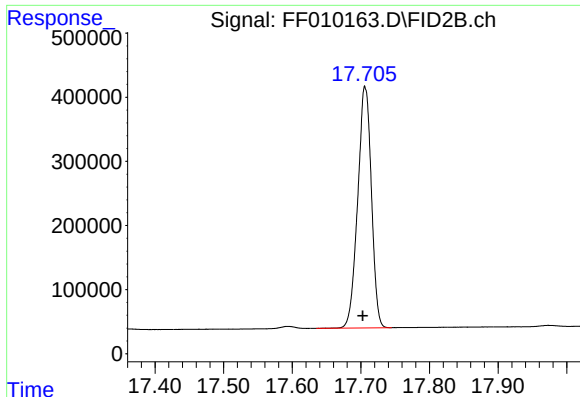
#11 N-HEXACOSANE

R.T.: 15.867 min
Delta R.T.: 0.003 min
Response: 5558303
Conc: 41.40 ug/ml



#12 N-OCTACOSANE

R.T.: 16.818 min
Delta R.T.: 0.004 min
Response: 5361425
Conc: 40.76 ug/ml



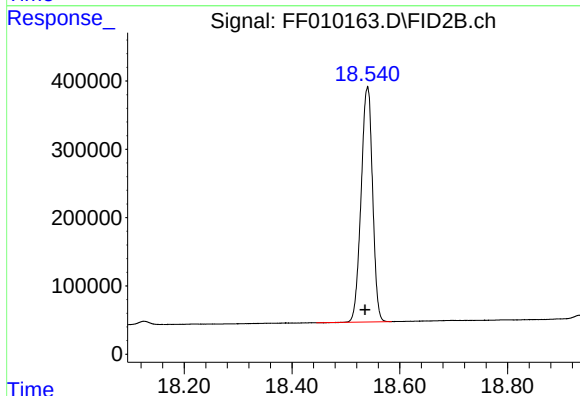
#13 N-TRIACONTANE

R.T.: 17.706 min
Delta R.T.: 0.003 min
Response: 5219215
Conc: 40.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

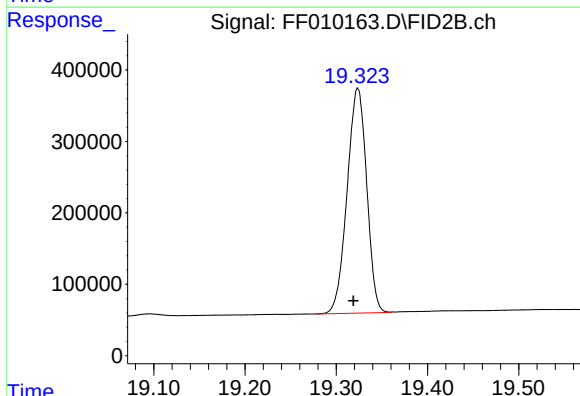
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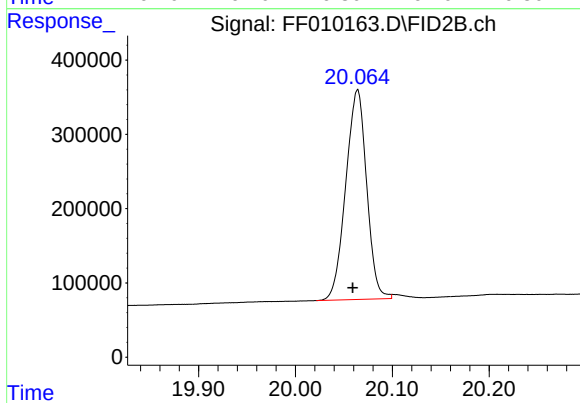
#14 N-DOTRIACONTANE

R.T.: 18.540 min
Delta R.T.: 0.005 min
Response: 5074936
Conc: 40.60 ug/ml



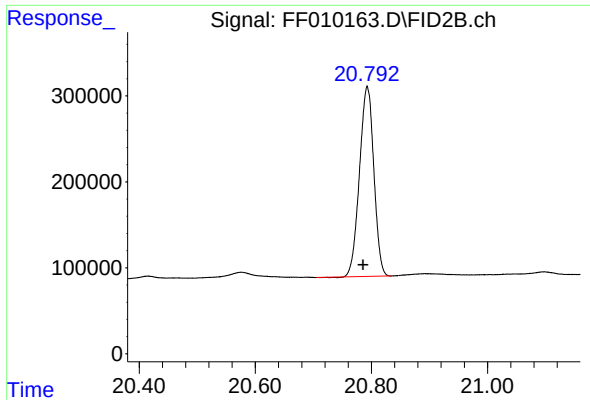
#15 N-TETRATRIACONTANE

R.T.: 19.323 min
Delta R.T.: 0.004 min
Response: 4691162
Conc: 43.43 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.064 min
Delta R.T.: 0.005 min
Response: 4237535
Conc: 47.13 ug/ml m



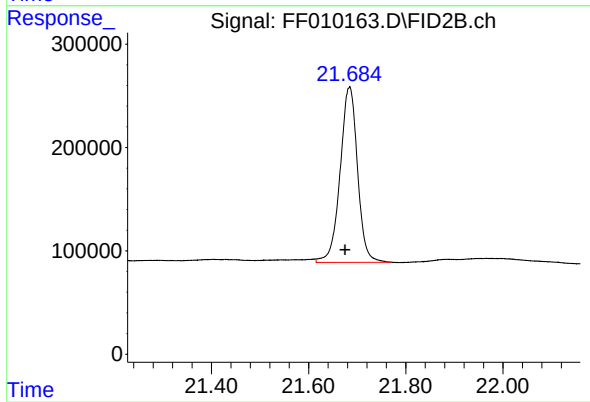
#17 N-OCTATRIACONTANE

R.T.: 20.793 min
Delta R.T.: 0.007 min
Response: 3786707
Conc: 47.17 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.684 min
Delta R.T.: 0.009 min
Response: 4223331
Conc: 48.49 ug/ml m