Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
Data File : FF015929.D
Signal(s) : FID2B.ch
Acq On : 10 Jun 2025 21:00
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

Integration File: autoint1.e
Quant Time: Jun 11 04:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Quant Title :
QLast Update : Wed May 21 12:32:51 2025
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...	15.019	6439765	52.726 ug/ml
	Target Compounds			
1)	N-OCTANE	2.023	6587456	54.036 ug/ml
2)	N-DECANE	4.563	6617126	55.824 ug/ml
3)	N-DODECANE	6.732	6961098	55.325 ug/ml
4)	N-TETRADECANE	8.560	7165579	57.109 ug/ml
5)	N-HEXADECANE	10.168	7234057	55.157 ug/ml
6)	N-OCTADECANE	11.611	7442892	54.166 ug/ml
7)	N-EICOSANE	12.921	7553666	53.087 ug/ml
8)	N-DOCOSANE	14.120	7288192	52.464 ug/ml
10)	N-TETRACOSANE	15.223	7222924	51.820 ug/ml
11)	N-HEXACOSANE	16.245	7080780	51.053 ug/ml
12)	N-OCTACOSANE	17.195	6943019	50.504 ug/ml
13)	N-TRIACONTANE	18.083	6983690	50.163 ug/ml
14)	N-DOTRIACONTANE	18.916	6691980	49.560 ug/ml
15)	N-TETRATRIACONTANE	19.700	6091146	49.389 ug/ml
16)	N-HEXATRIACONTANE	20.439	5282105	48.634 ug/ml
17)	N-OCTATRIACONTANE	21.174	4641753	48.915 ug/ml
18)	N-TETRACONTANE	22.086	4154852	48.910 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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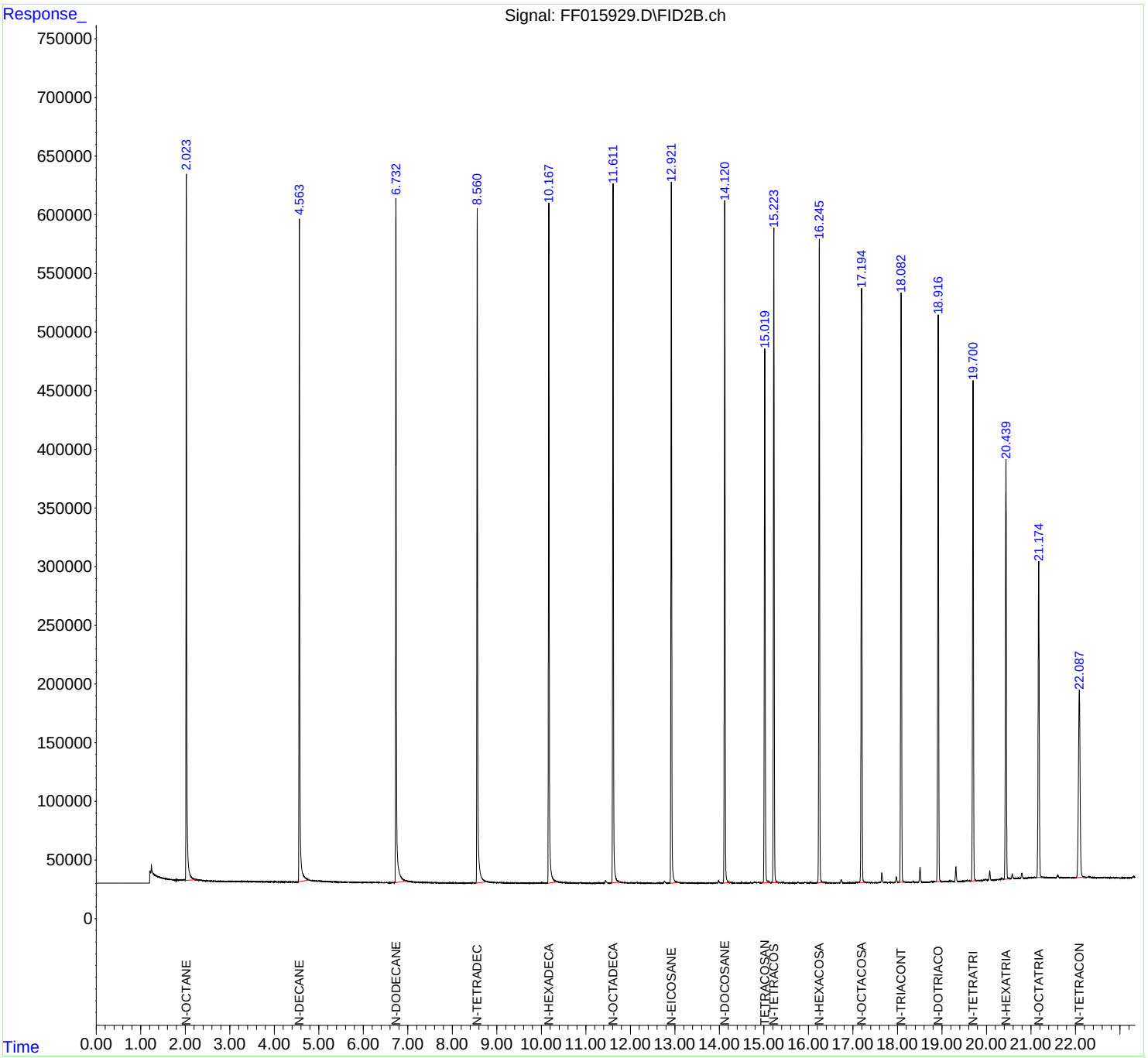
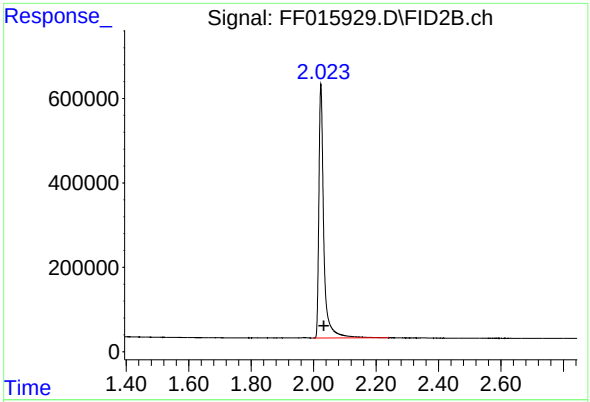
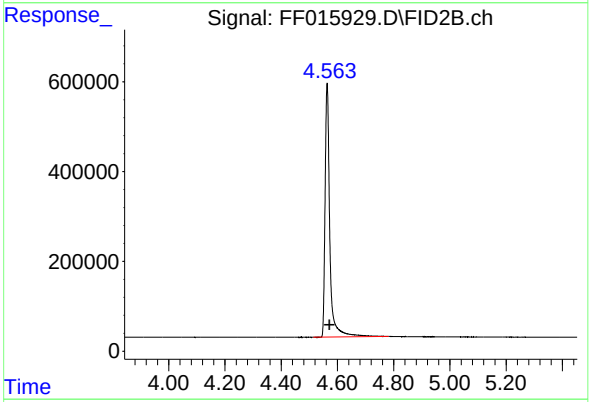




#1 N-OCTANE

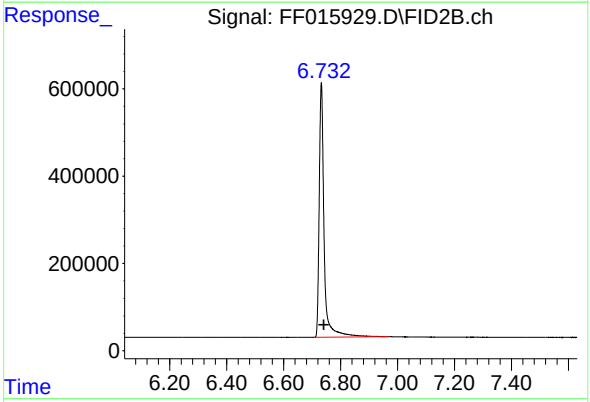
R.T.: 2.023 min
Delta R.T.: -0.010 min
Response: 6587456
Conc: 54.04 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



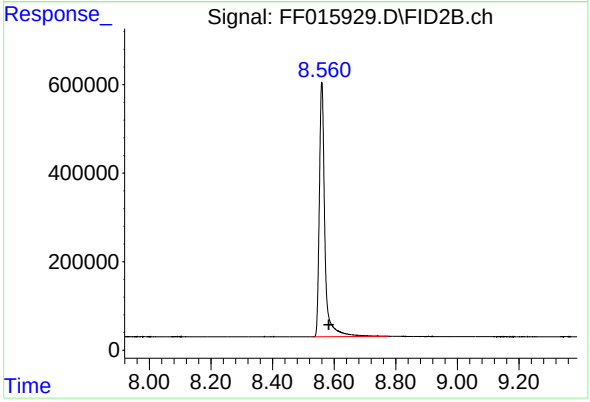
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 6617126
Conc: 55.82 ug/ml



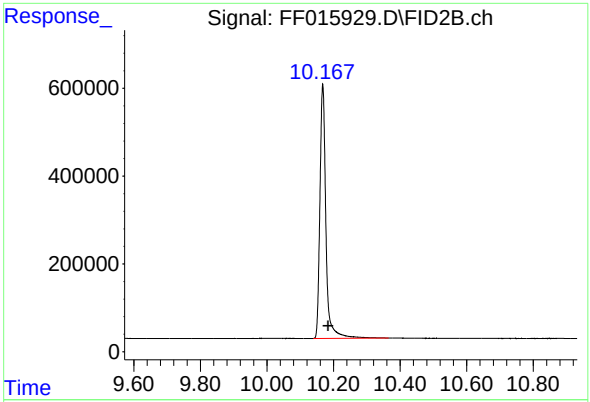
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.008 min
Response: 6961098
Conc: 55.32 ug/ml



#4 N-TETRADECANE

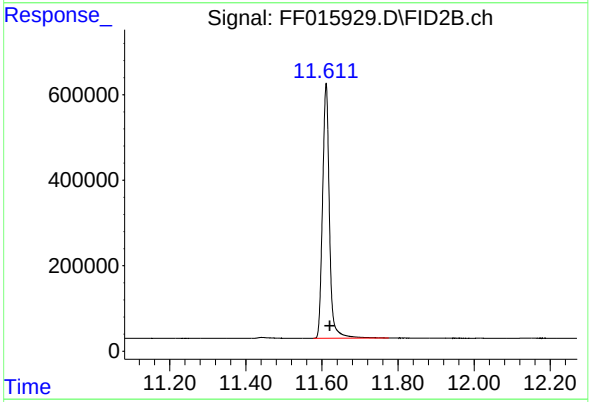
R.T.: 8.560 min
Delta R.T.: -0.022 min
Response: 7165579
Conc: 57.11 ug/ml



#5 N-HEXADECANE

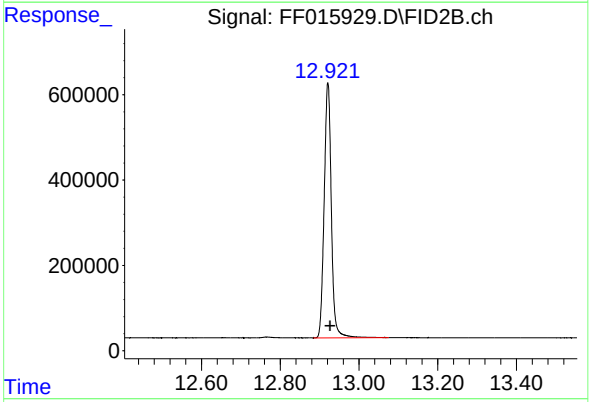
R.T.: 10.168 min
Delta R.T.: -0.016 min
Response: 7234057
Conc: 55.16 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



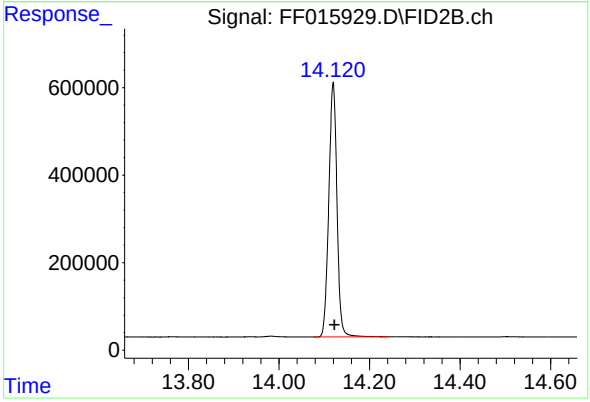
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.009 min
Response: 7442892
Conc: 54.17 ug/ml



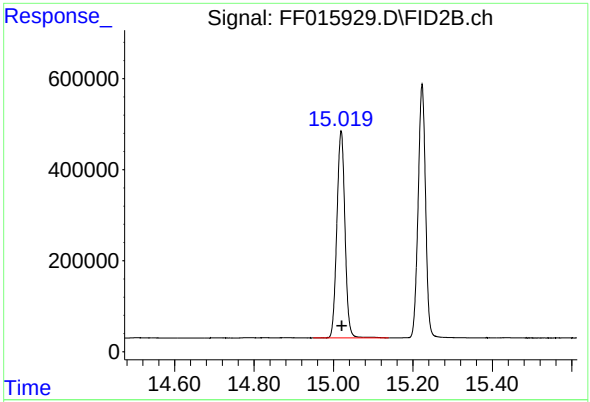
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.006 min
Response: 7553666
Conc: 53.09 ug/ml



#8 N-DOCOSANE

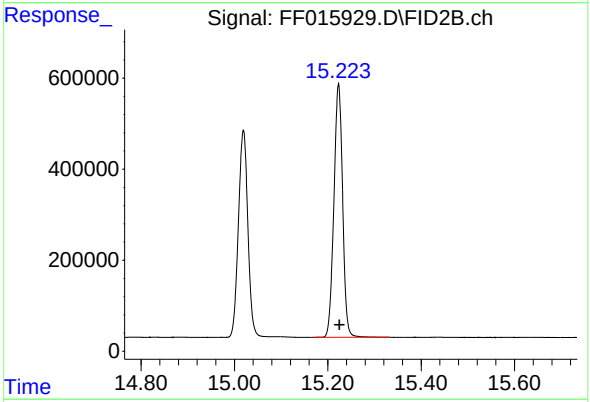
R.T.: 14.120 min
Delta R.T.: -0.003 min
Response: 7288192
Conc: 52.46 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

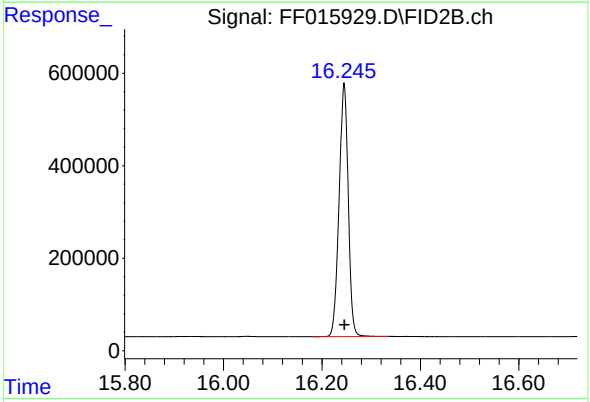
R.T.: 15.019 min
Delta R.T.: -0.002 min
Response: 6439765
Conc: 52.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



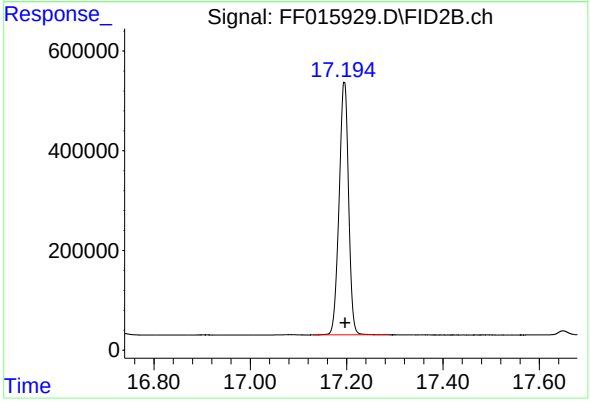
#10 N-TETRACOSANE

R.T.: 15.223 min
Delta R.T.: -0.002 min
Response: 7222924
Conc: 51.82 ug/ml



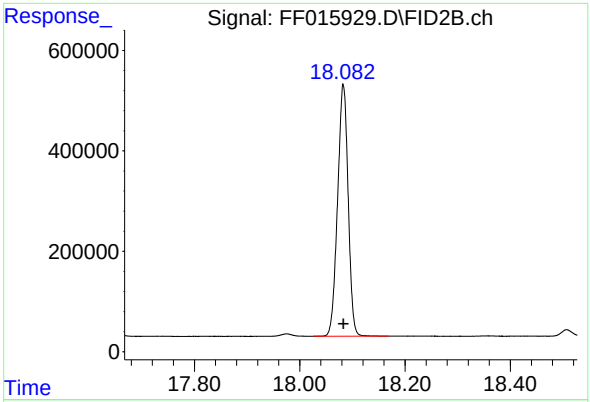
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: 0.000 min
Response: 7080780
Conc: 51.05 ug/ml



#12 N-OCTACOSANE

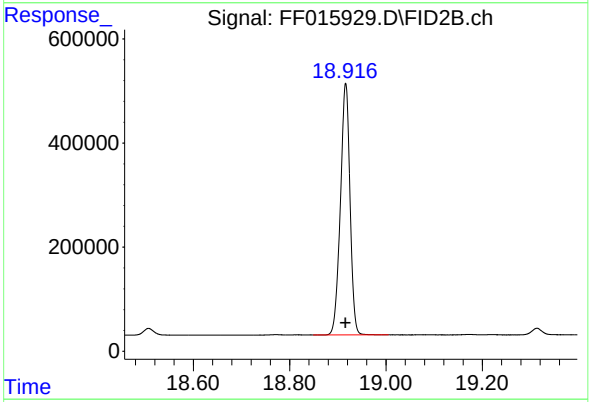
R.T.: 17.195 min
Delta R.T.: -0.002 min
Response: 6943019
Conc: 50.50 ug/ml



#13 N-TRIACONTANE

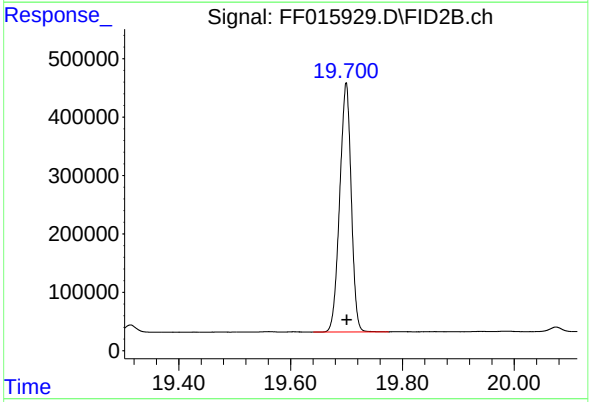
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 6983690
Conc: 50.16 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



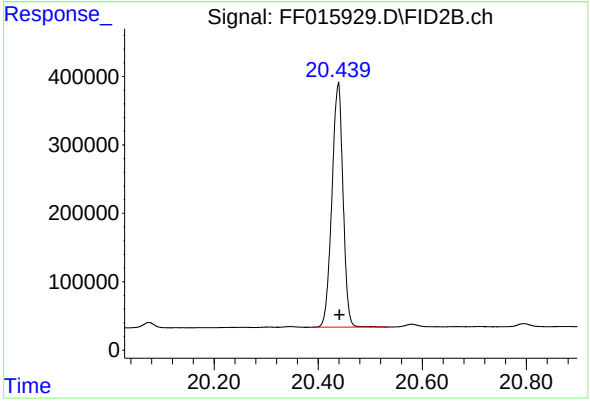
#14 N-DOTRIACONTANE

R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 6691980
Conc: 49.56 ug/ml



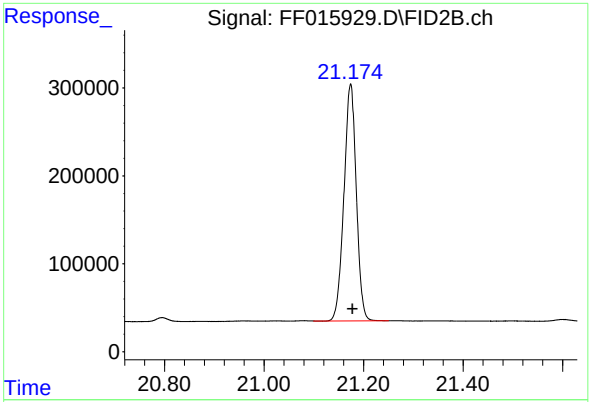
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 6091146
Conc: 49.39 ug/ml



#16 N-HEXATRIACONTANE

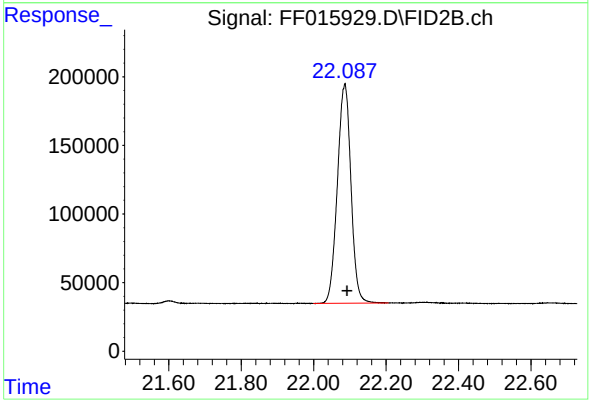
R.T.: 20.439 min
Delta R.T.: -0.002 min
Response: 5282105
Conc: 48.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: -0.003 min
Response: 4641753
Conc: 48.91 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: -0.006 min
Response: 4154852
Conc: 48.91 ug/ml