

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050825\
 Data File : FF015815.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 14:58
 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: May 09 01:56:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.021	5463312	48.413 ug/ml
Target Compounds			
1) N-OCTANE	2.024	4895444	43.183 ug/ml
2) N-DECANE	4.563	5446842	53.377 ug/ml
3) N-DODECANE	6.732	5706679	52.118 ug/ml
4) N-TETRADECANE	8.559	5740082	49.732 ug/ml
5) N-HEXADECANE	10.167	5860899	49.660 ug/ml
6) N-OCTADECANE	11.611	6086282	48.382 ug/ml
7) N-EICOSANE	12.921	6098507	46.747 ug/ml
8) N-DOCOSANE	14.120	6031099	47.348 ug/ml
10) N-TETRACOSANE	15.225	6011621	47.792 ug/ml
11) N-HEXACOSANE	16.247	5911326	48.494 ug/ml
12) N-OCTACOSANE	17.198	5909097	49.937 ug/ml
13) N-TRIACONTANE	18.086	6019796	51.076 ug/ml
14) N-DOTRIACONTANE	18.917	5795782	50.873 ug/ml
15) N-TETRATRIACONTANE	19.702	4858007	48.694 ug/ml
16) N-HEXATRIACONTANE	20.441	3813068	47.792 ug/ml
17) N-OCTATRIACONTANE	21.176	3265043	57.497 ug/ml
18) N-TETRACONTANE	22.086f	2971484	73.072 ug/ml

(f)=RT Delta > 1/2 Window

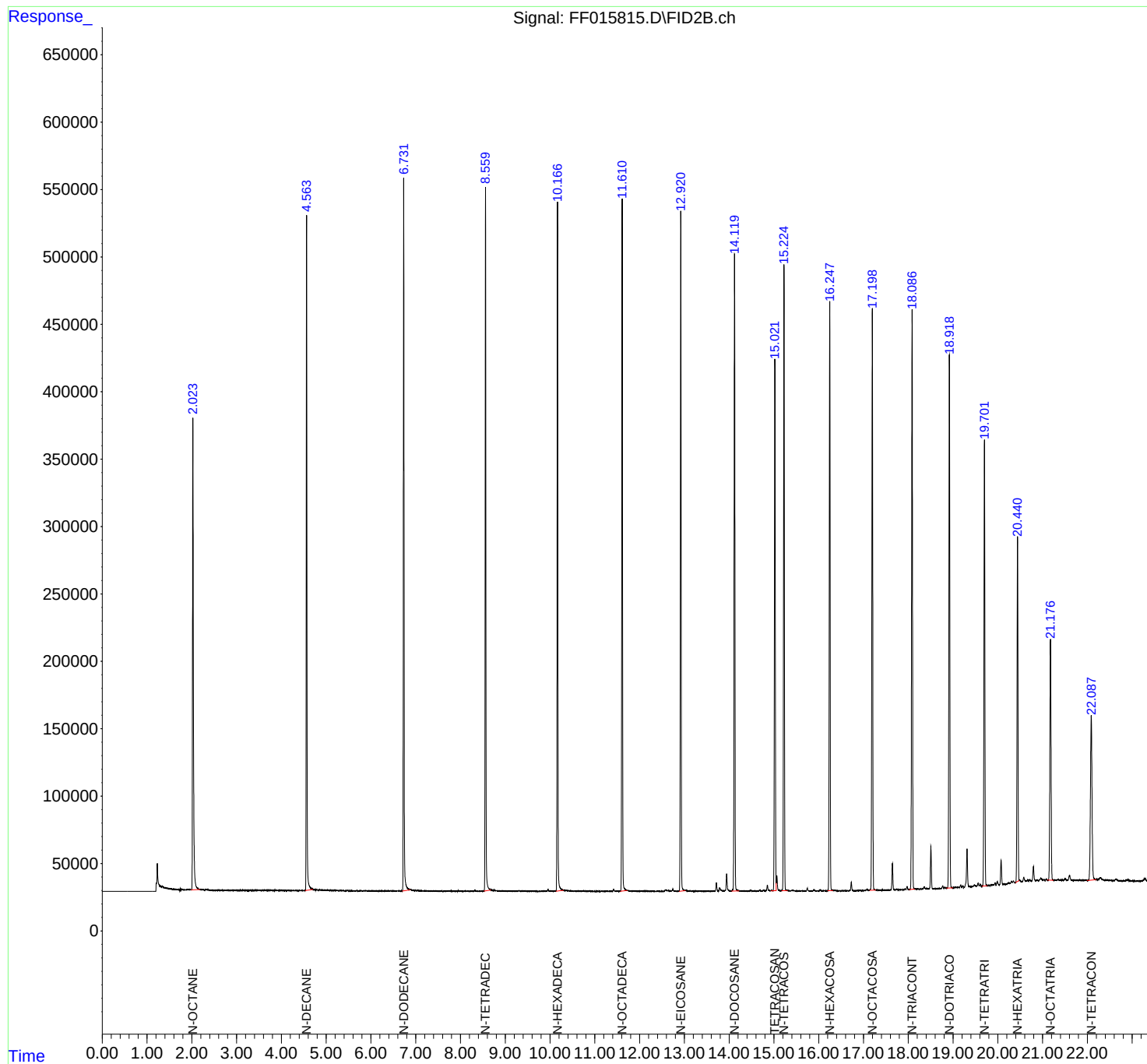
(m)=manual int.

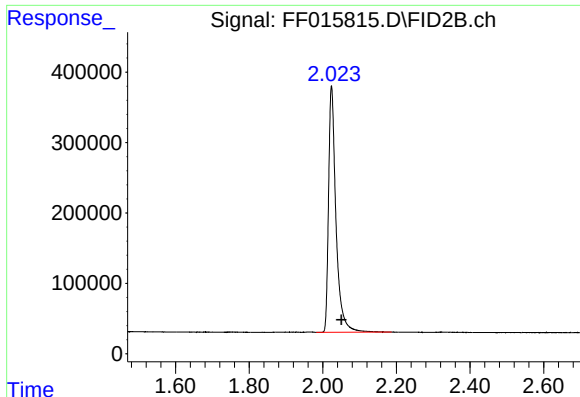
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Signal Info : 20mx0.18mmx0.18um

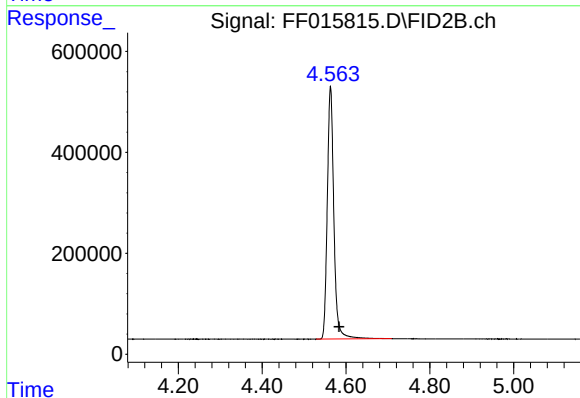




#1 N-OCTANE

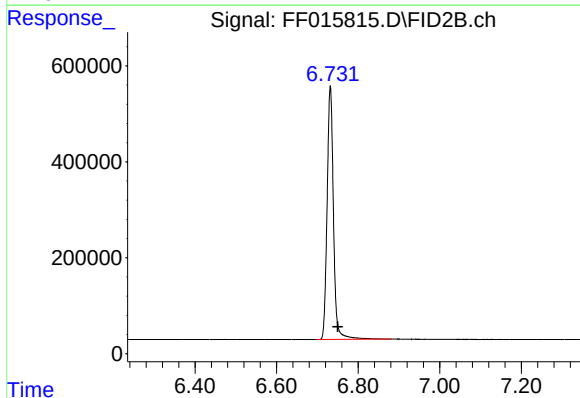
R.T.: 2.024 min
Delta R.T.: -0.026 min
Response: 4895444
Conc: 43.18 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



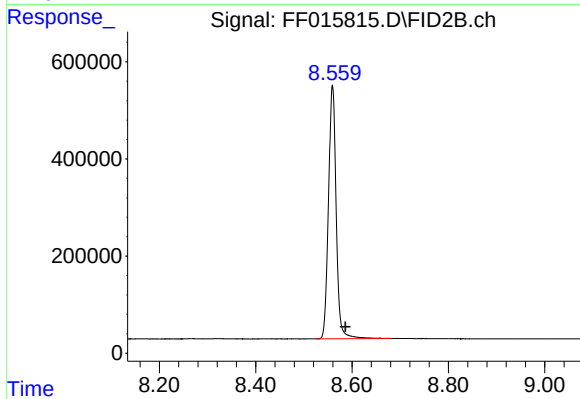
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 5446842
Conc: 53.38 ug/ml



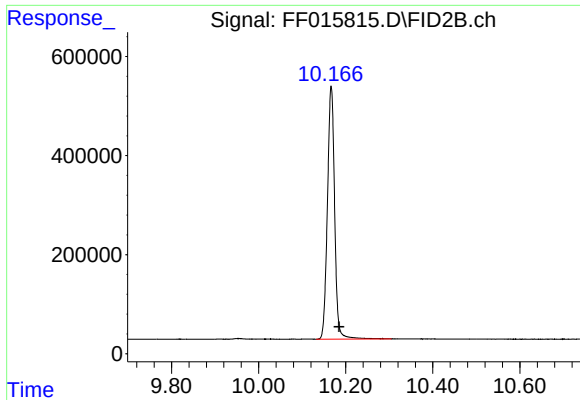
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 5706679
Conc: 52.12 ug/ml



#4 N-TETRADECANE

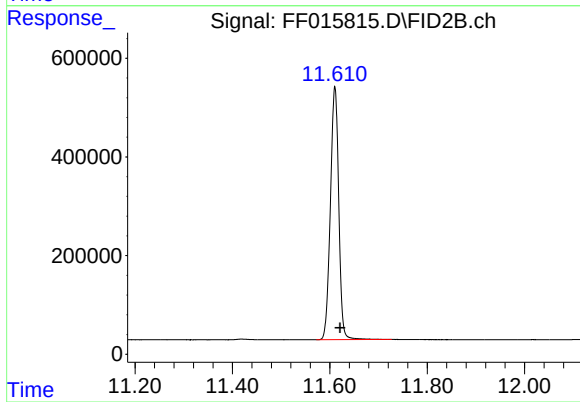
R.T.: 8.559 min
Delta R.T.: -0.027 min
Response: 5740082
Conc: 49.73 ug/ml



#5 N-HEXADECANE

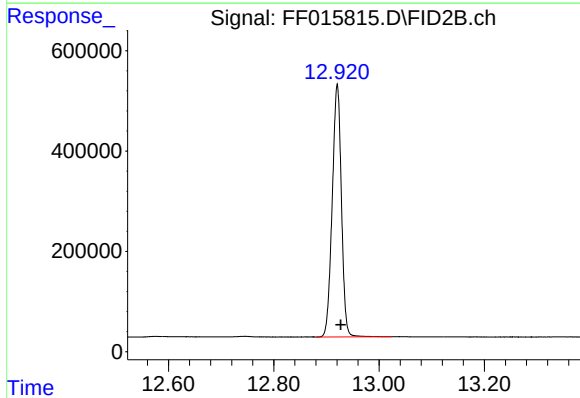
R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 5860899
Conc: 49.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



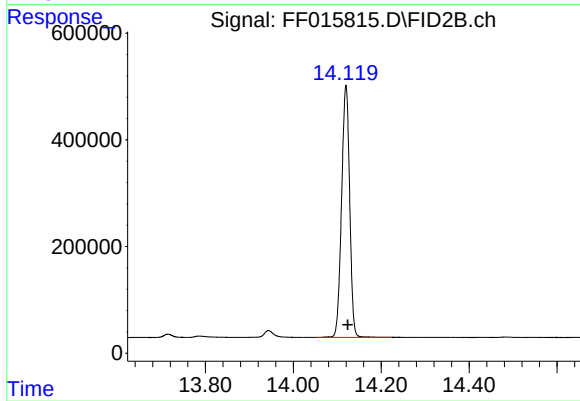
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.011 min
Response: 6086282
Conc: 48.38 ug/ml



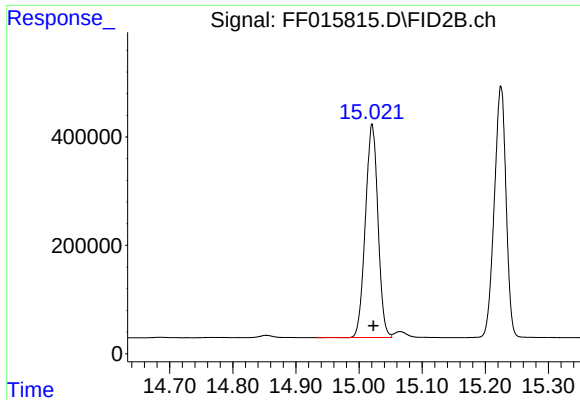
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.007 min
Response: 6098507
Conc: 46.75 ug/ml



#8 N-DOCOSANE

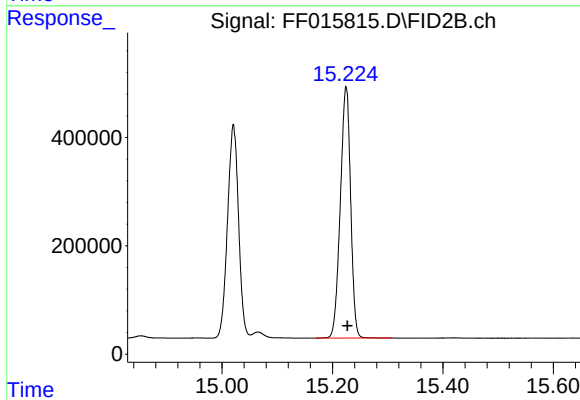
R.T.: 14.120 min
Delta R.T.: -0.004 min
Response: 6031099
Conc: 47.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

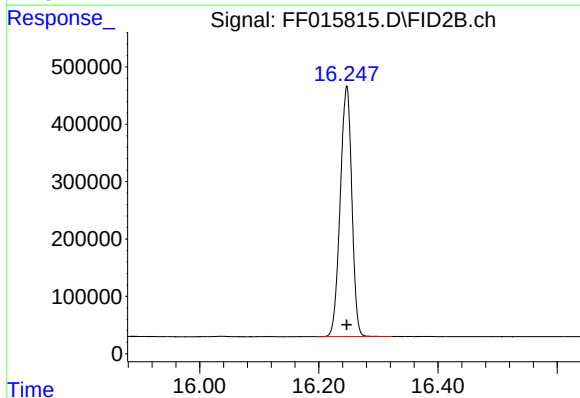
R.T.: 15.021 min
Delta R.T.: -0.002 min
Response: 5463312
Conc: 48.41 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



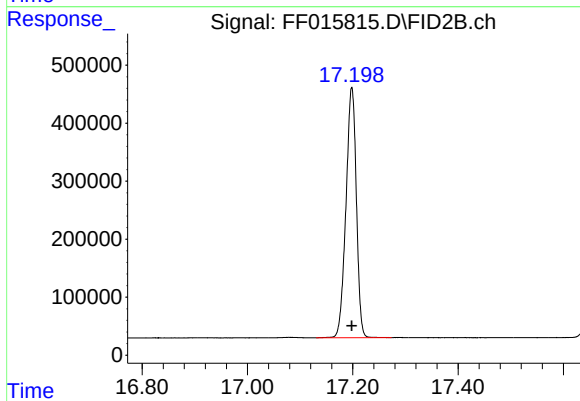
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.002 min
Response: 6011621
Conc: 47.79 ug/ml



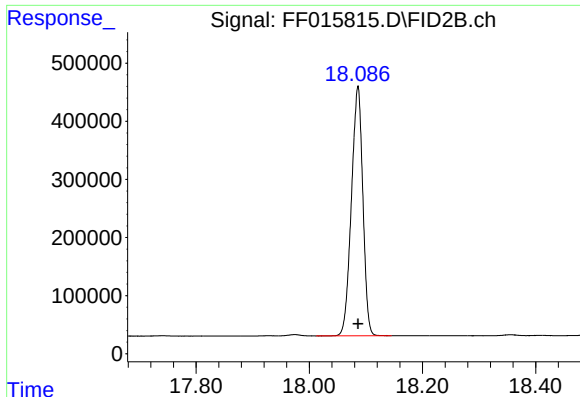
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 5911326
Conc: 48.49 ug/ml



#12 N-OCTACOSANE

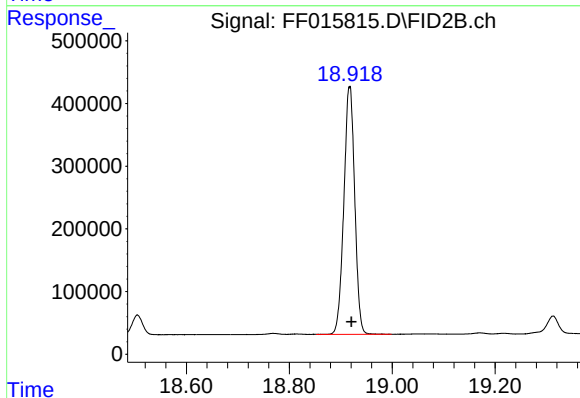
R.T.: 17.198 min
Delta R.T.: 0.000 min
Response: 5909097
Conc: 49.94 ug/ml



#13 N-TRIACONTANE

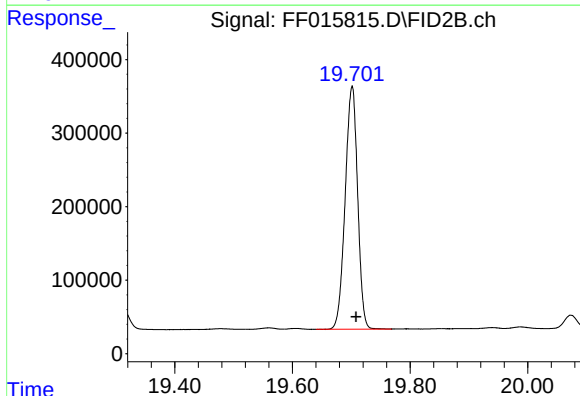
R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 6019796
Conc: 51.08 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



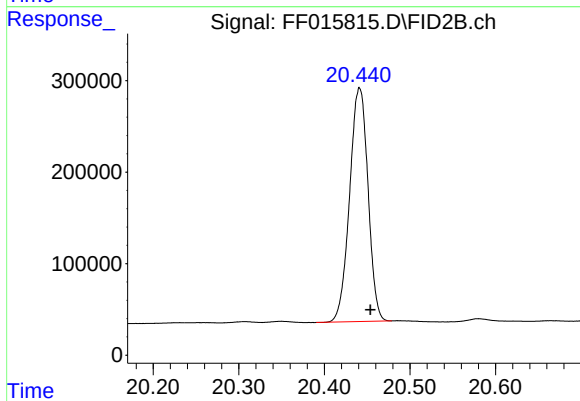
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.004 min
Response: 5795782
Conc: 50.87 ug/ml



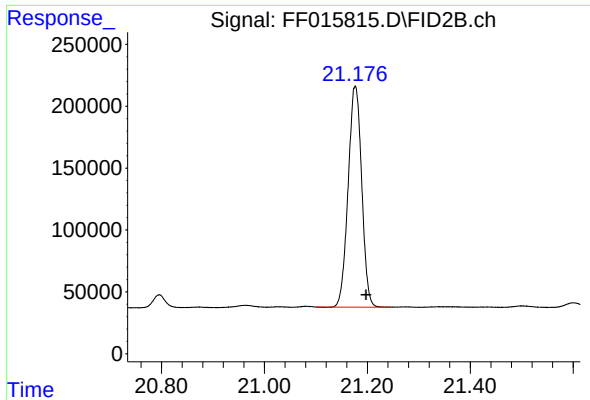
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.007 min
Response: 4858007
Conc: 48.69 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.441 min
Delta R.T.: -0.012 min
Response: 3813068
Conc: 47.79 ug/ml



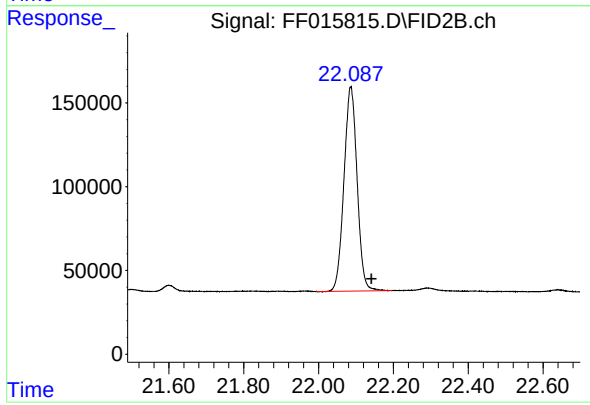
#17 N-OCTATRIACONTANE

R.T.: 21.176 min
Delta R.T.: -0.021 min
Response: 3265043
Conc: 57.50 ug/ml

Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: -0.056 min
Response: 2971484
Conc: 73.07 ug/ml