

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016249.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 17:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Aug 28 02:36:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.081	5660522	50.712 ug/ml
Target Compounds			
1) N-OCTANE	2.056	5762693	50.654 ug/ml
2) N-DECANE	4.597	6073381	52.166 ug/ml
3) N-DODECANE	6.776	6164355	52.183 ug/ml
4) N-TETRADECANE	8.610	6280754	51.949 ug/ml
5) N-HEXADECANE	10.219	6333600	52.111 ug/ml
6) N-OCTADECANE	11.665	6528731	52.164 ug/ml
7) N-EICOSANE	12.978	6738776	52.079 ug/ml
8) N-DOCOSANE	14.179	6589485	52.121 ug/ml
10) N-TETRACOSANE	15.285	6604655	52.112 ug/ml
11) N-HEXACOSANE	16.308	6428564	51.931 ug/ml
12) N-OCTACOSANE	17.261	6458966	51.604 ug/ml
13) N-TRIACONTANE	18.150	6564805	51.392 ug/ml
14) N-DOTRIACONTANE	18.986	6377310	51.240 ug/ml
15) N-TETRATRIACONTANE	19.771	5617062	50.188 ug/ml
16) N-HEXATRIACONTANE	20.512	4395801	47.770 ug/ml
17) N-OCTATRIACONTANE	21.272	3499544	45.809 ug/ml
18) N-TETRACONTANE	22.224	2927577	44.559 ug/ml

(f)=RT Delta > 1/2 Window

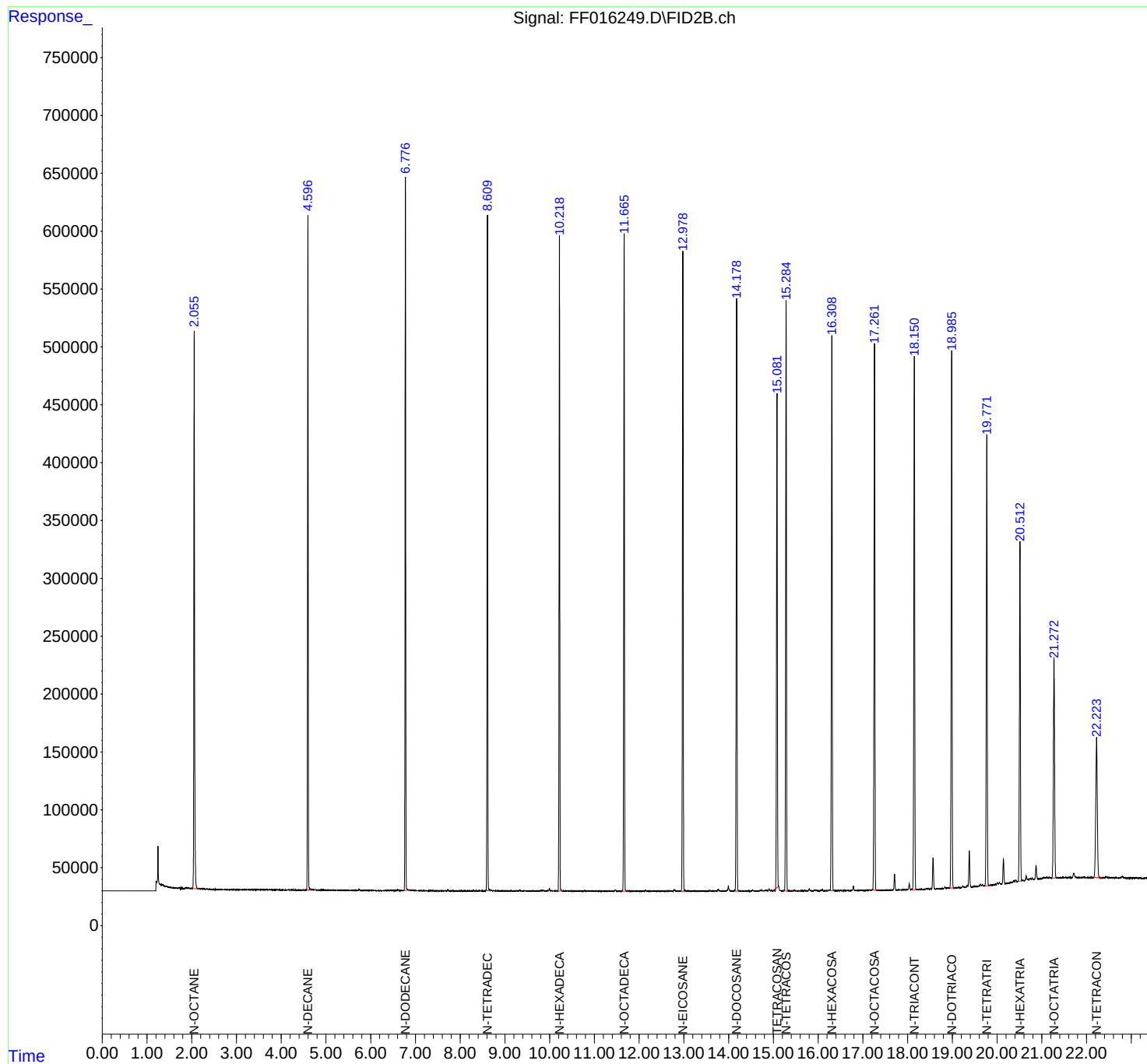
(m)=manual int.

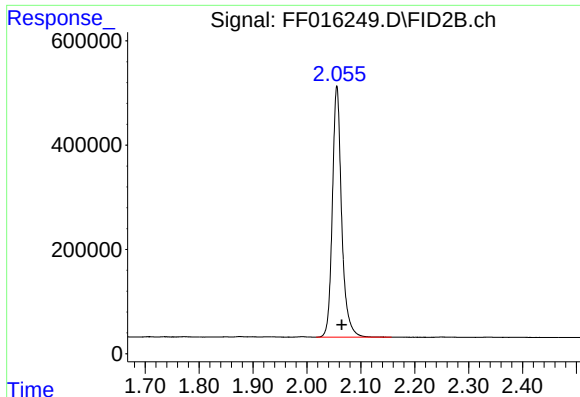
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

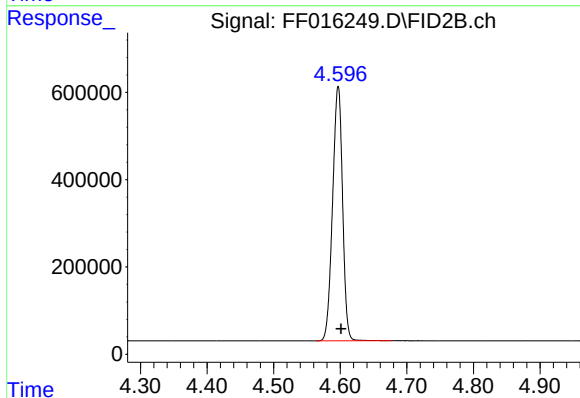




#1 N-OCTANE

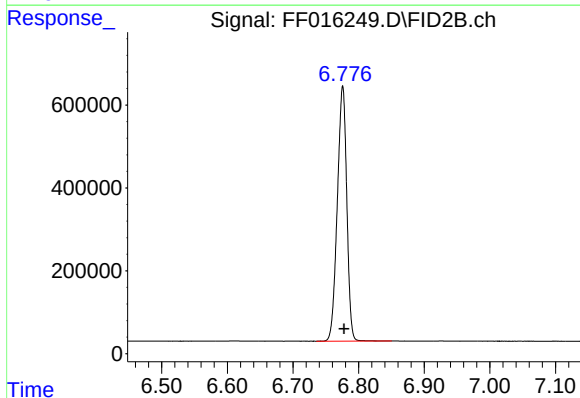
R.T.: 2.056 min
Delta R.T.: -0.009 min
Response: 5762693
Conc: 50.65 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



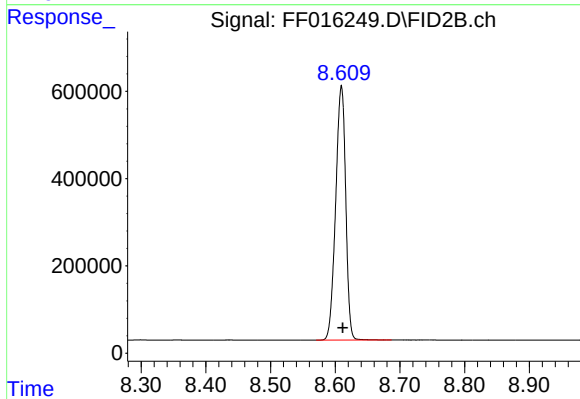
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 6073381
Conc: 52.17 ug/ml



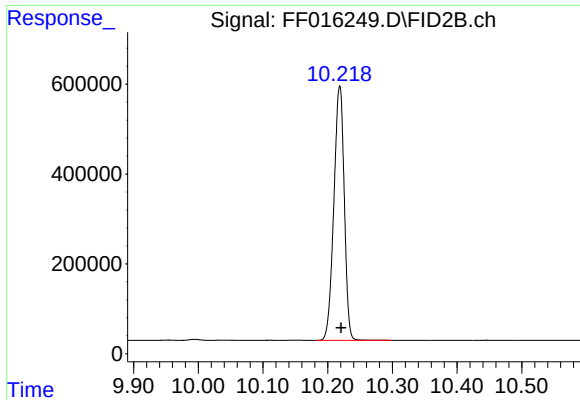
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 6164355
Conc: 52.18 ug/ml



#4 N-TETRADECANE

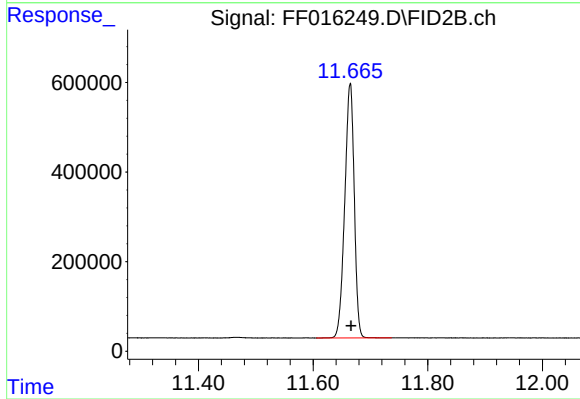
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 6280754
Conc: 51.95 ug/ml



#5 N-HEXADECANE

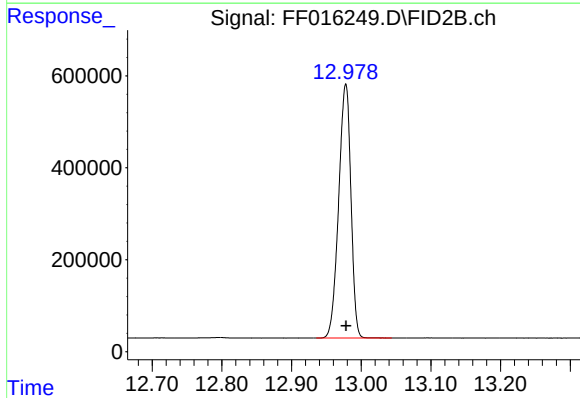
R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 6333600
Conc: 52.11 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



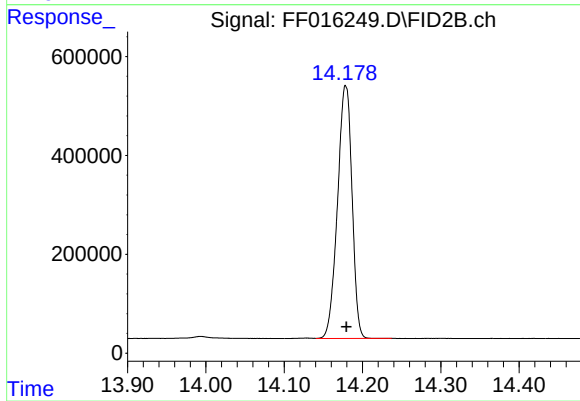
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.001 min
Response: 6528731
Conc: 52.16 ug/ml



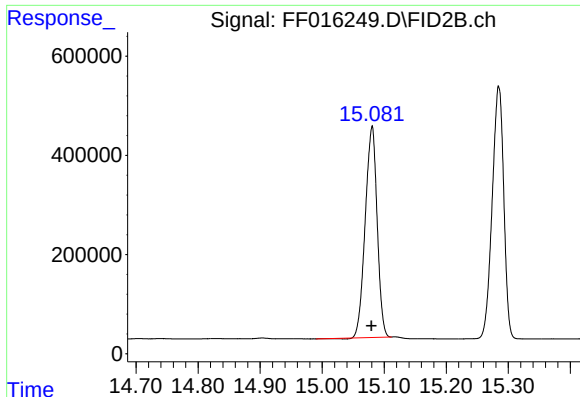
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 6738776
Conc: 52.08 ug/ml



#8 N-DOCOSANE

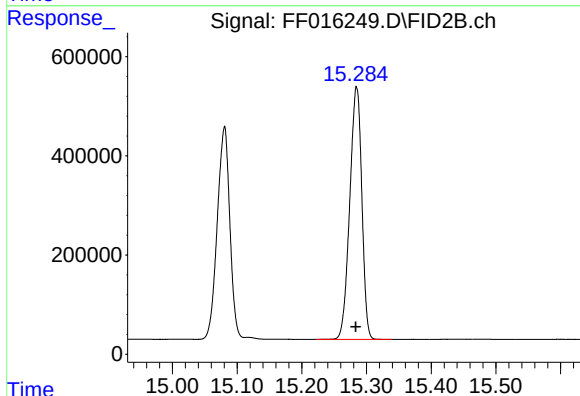
R.T.: 14.179 min
Delta R.T.: 0.000 min
Response: 6589485
Conc: 52.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

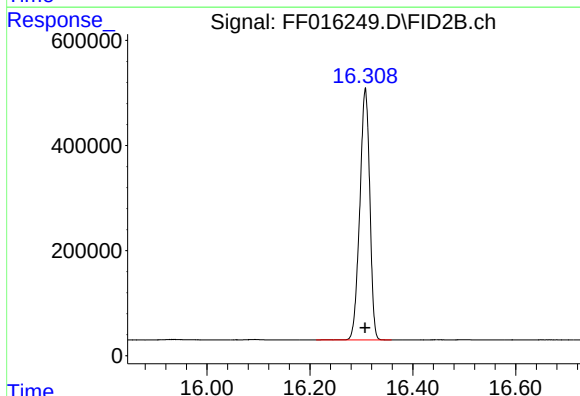
R.T.: 15.081 min
Delta R.T.: 0.000 min
Response: 5660522
Conc: 50.71 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



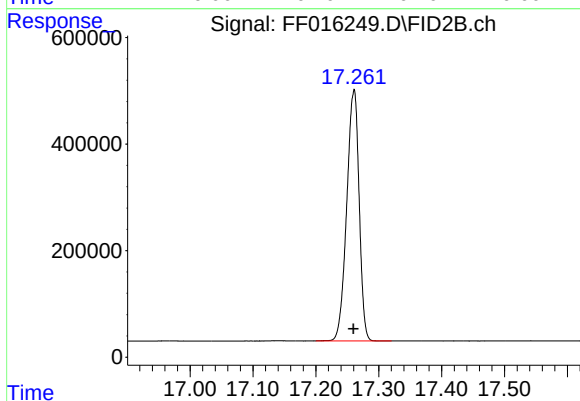
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: 0.001 min
Response: 6604655
Conc: 52.11 ug/ml



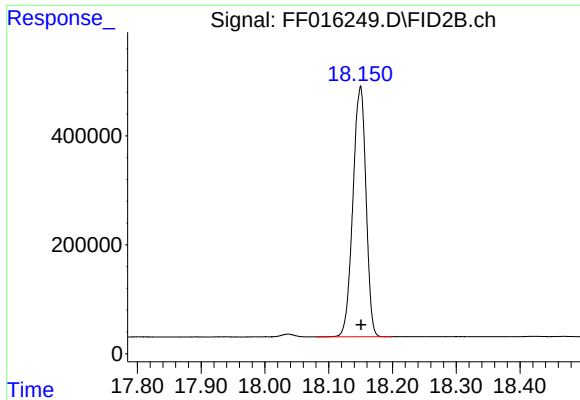
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: 0.000 min
Response: 6428564
Conc: 51.93 ug/ml



#12 N-OCTACOSANE

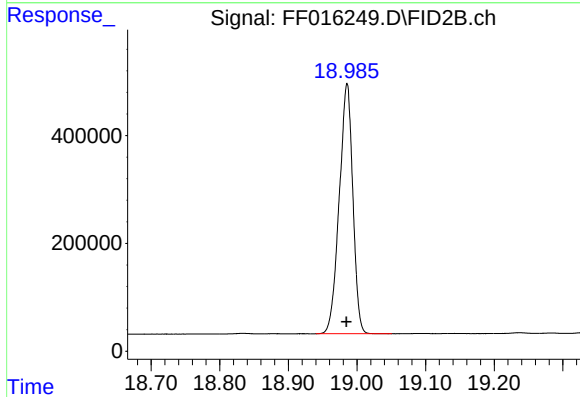
R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 6458966
Conc: 51.60 ug/ml



#13 N-TRIACONTANE

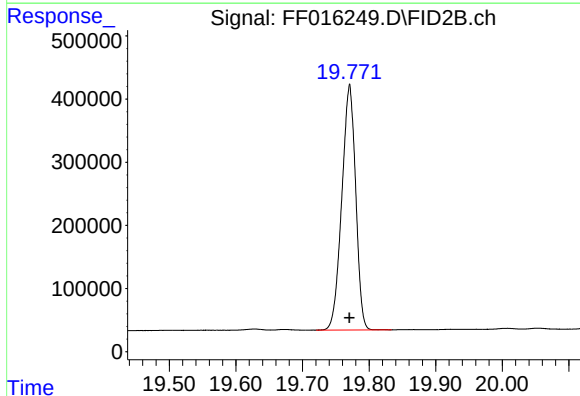
R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 6564805
Conc: 51.39 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



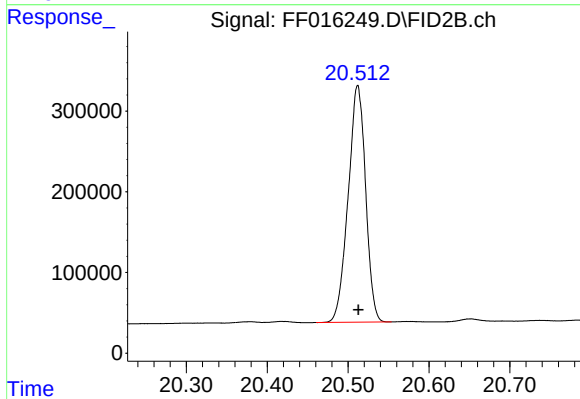
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.001 min
Response: 6377310
Conc: 51.24 ug/ml



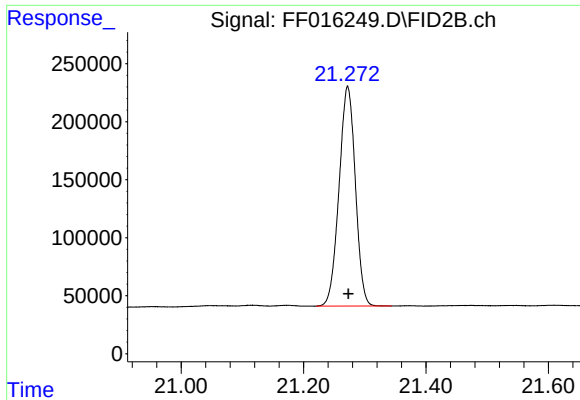
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: 0.000 min
Response: 5617062
Conc: 50.19 ug/ml



#16 N-HEXATRIACONTANE

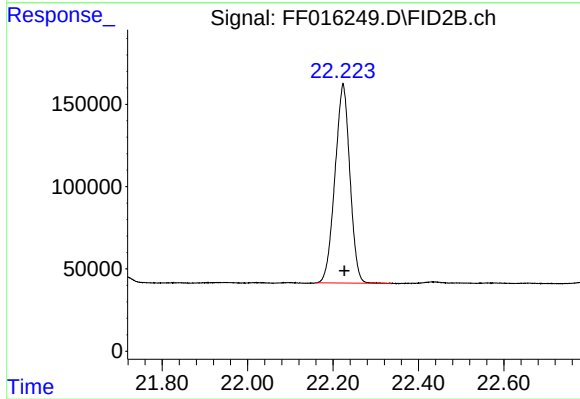
R.T.: 20.512 min
Delta R.T.: -0.001 min
Response: 4395801
Conc: 47.77 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.272 min
Delta R.T.: -0.001 min
Response: 3499544
Conc: 45.81 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: -0.003 min
Response: 2927577
Conc: 44.56 ug/ml