

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048067.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 03:29
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: May 10 05:25:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 01:45:53 2024
 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...	15.051	5723044	49.644 ug/ml
Target Compounds			
1) N-OCTANE	2.076	6942037	49.174 ug/ml
2) N-DECANE	4.599	6871776	49.478 ug/ml
3) N-DODECANE	6.766	6822423	49.692 ug/ml
4) N-TETRADECANE	8.594	6646020	48.864 ug/ml
5) N-HEXADECANE	10.201	6603845	49.219 ug/ml
6) N-OCTADECANE	11.644	6717601	49.758 ug/ml
7) N-EICOSANE	12.954	6752658	49.426 ug/ml
8) N-DOCOSANE	14.152	6501675	49.382 ug/ml
10) N-TETRACOSANE	15.255	6476127	49.465 ug/ml
11) N-HEXACOSANE	16.276	6482370	49.820 ug/ml
12) N-OCTACOSANE	17.224	6438711	49.836 ug/ml
13) N-TRIACONTANE	18.111	6567427	49.399 ug/ml
14) N-DOTRIACONTANE	18.944	6595660	45.985 ug/ml
15) N-TETRATRIACONTANE	19.726	6329472	46.870 ug/ml
16) N-HEXATRIACONTANE	20.466	6121801	46.233 ug/ml
17) N-OCTATRIACONTANE	21.205	5761325	46.364 ug/ml
18) N-TETRACONTANE	22.128	5493057	43.547 ug/ml

(f)=RT Delta > 1/2 Window

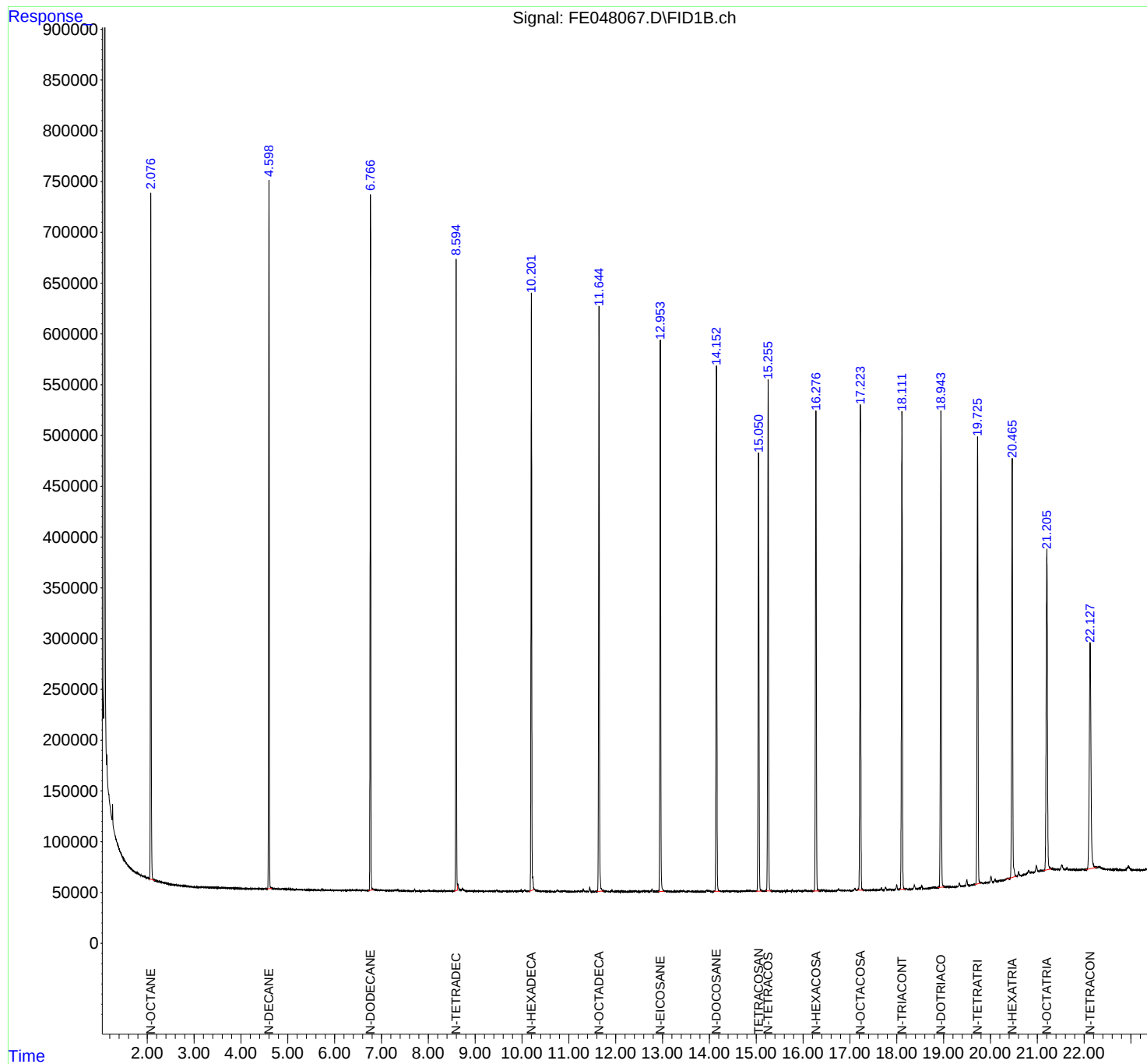
(m)=manual int.

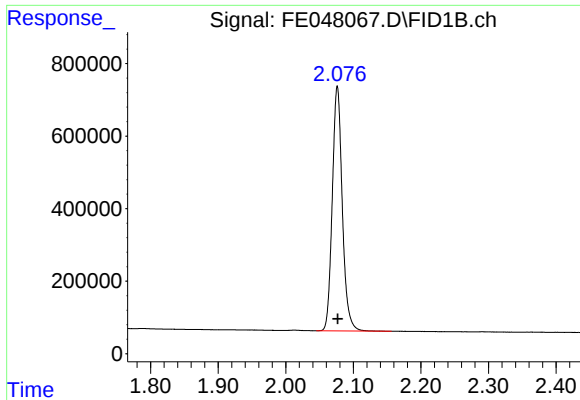
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

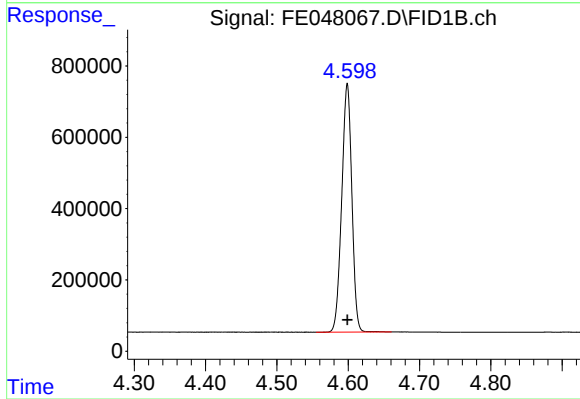




#1 N-OCTANE

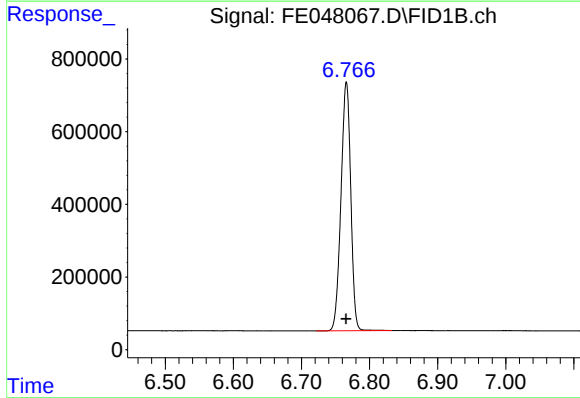
R.T.: 2.076 min
Delta R.T.: 0.000 min
Response: 6942037
Conc: 49.17 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



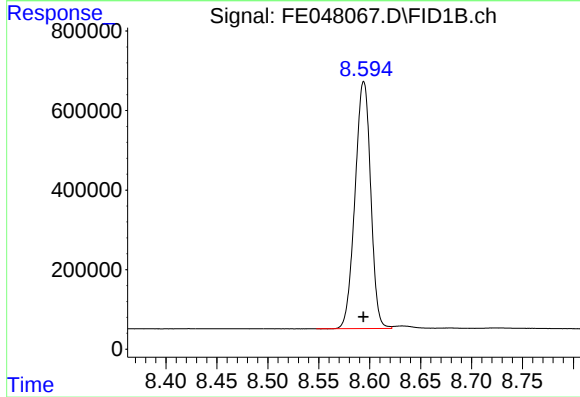
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 6871776
Conc: 49.48 ug/ml



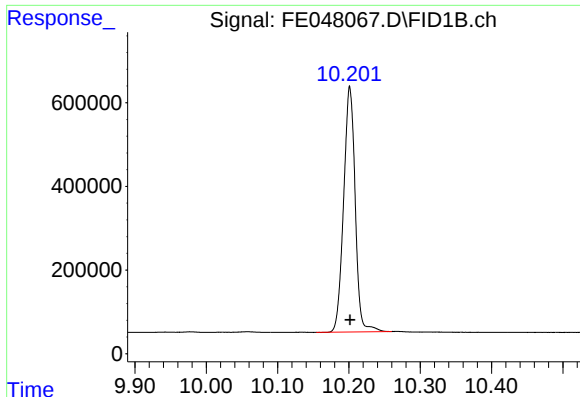
#3 N-DODECANE

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 6822423
Conc: 49.69 ug/ml



#4 N-TETRADECANE

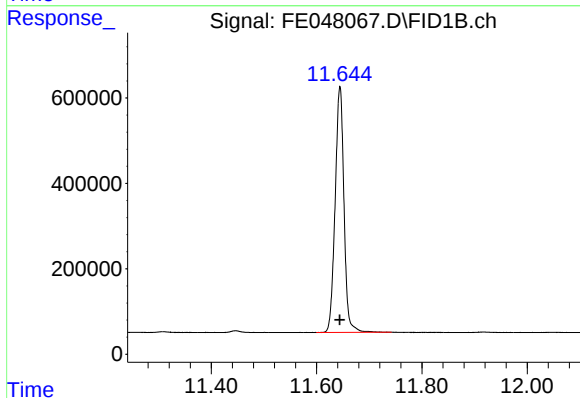
R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 6646020
Conc: 48.86 ug/ml



#5 N-HEXADECANE

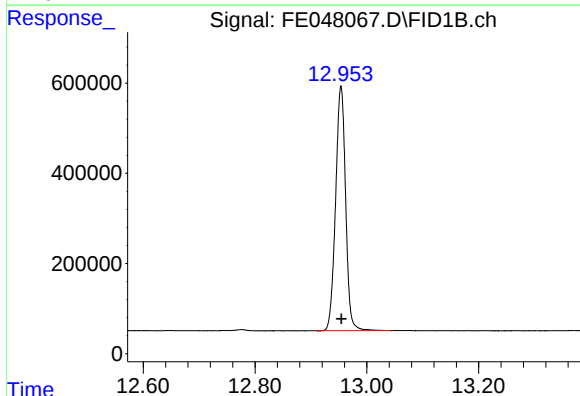
R.T.: 10.201 min
Delta R.T.: 0.000 min
Response: 6603845
Conc: 49.22 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



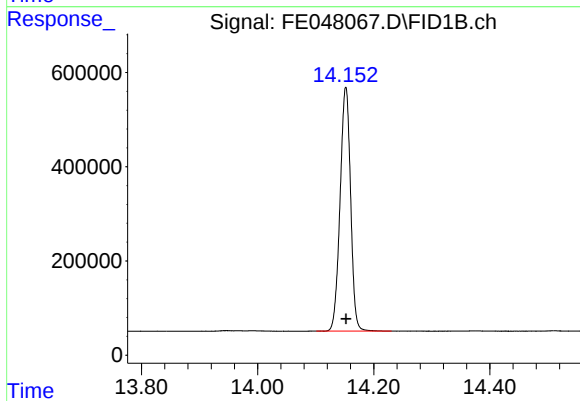
#6 N-OCTADECANE

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 6717601
Conc: 49.76 ug/ml



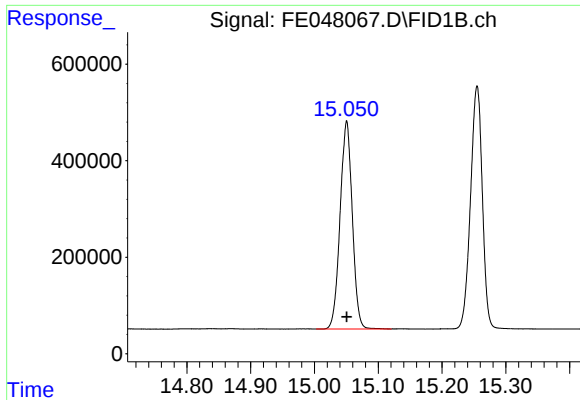
#7 N-EICOSANE

R.T.: 12.954 min
Delta R.T.: 0.000 min
Response: 6752658
Conc: 49.43 ug/ml



#8 N-DOCOSANE

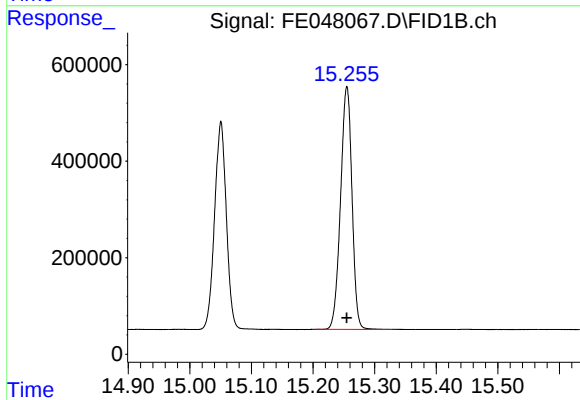
R.T.: 14.152 min
Delta R.T.: 0.000 min
Response: 6501675
Conc: 49.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

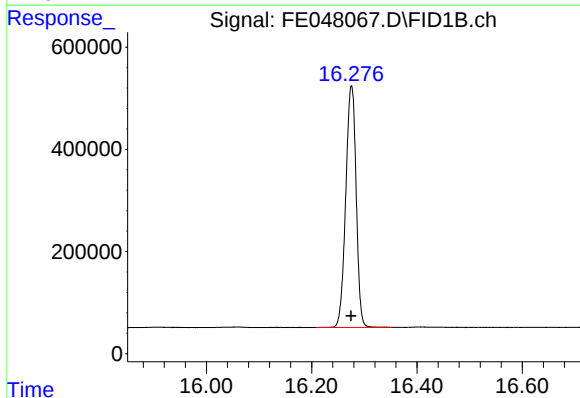
R.T.: 15.051 min
Delta R.T.: 0.000 min
Response: 5723044
Conc: 49.64 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



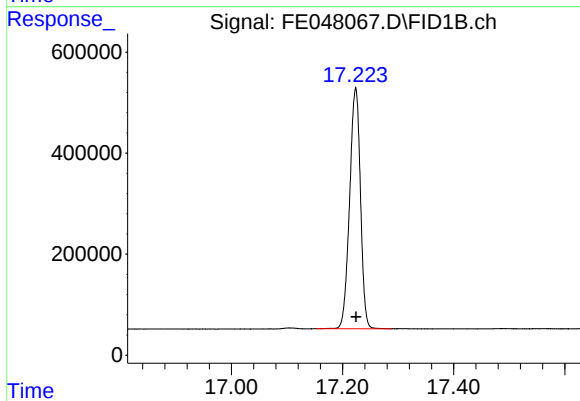
#10 N-TETRACOSANE

R.T.: 15.255 min
Delta R.T.: 0.000 min
Response: 6476127
Conc: 49.47 ug/ml



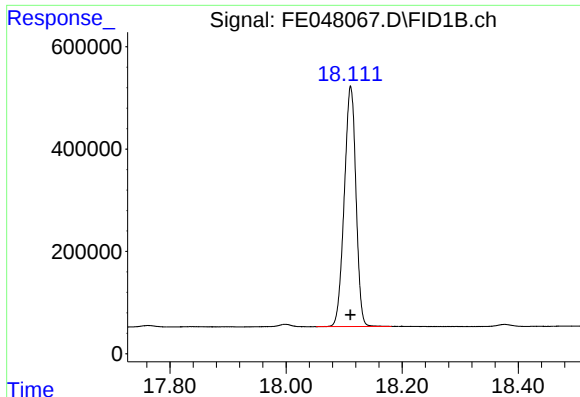
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 6482370
Conc: 49.82 ug/ml



#12 N-OCTACOSANE

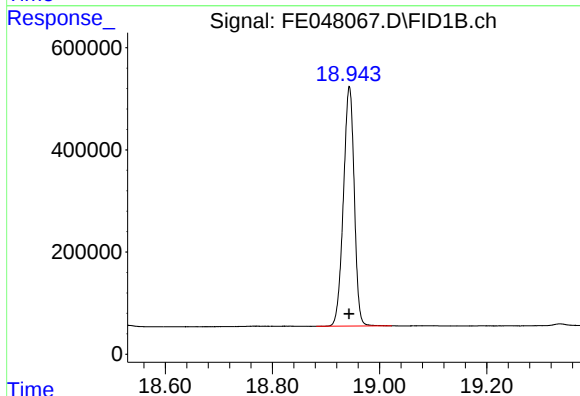
R.T.: 17.224 min
Delta R.T.: 0.000 min
Response: 6438711
Conc: 49.84 ug/ml



#13 N-TRIACONTANE

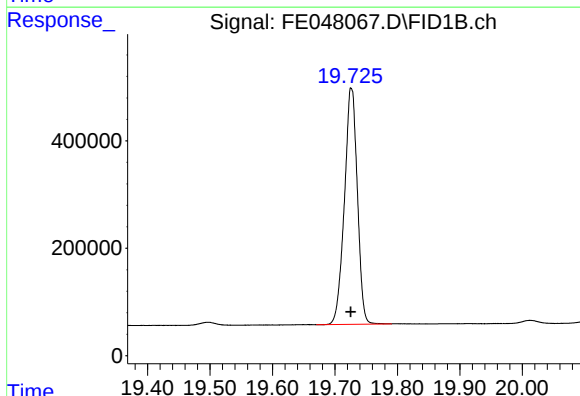
R.T.: 18.111 min
Delta R.T.: 0.000 min
Response: 6567427
Conc: 49.40 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



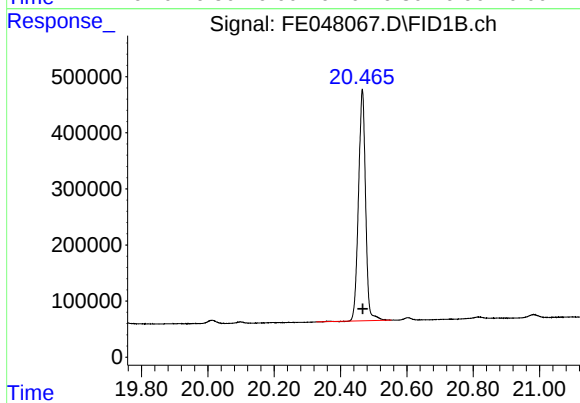
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: 0.000 min
Response: 6595660
Conc: 45.99 ug/ml



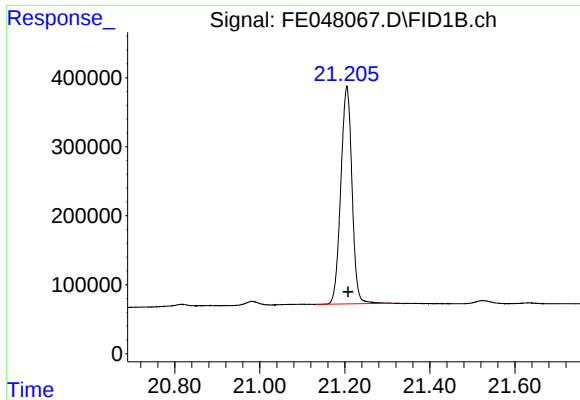
#15 N-TETRATRIACONTANE

R.T.: 19.726 min
Delta R.T.: 0.000 min
Response: 6329472
Conc: 46.87 ug/ml



#16 N-HEXATRIACONTANE

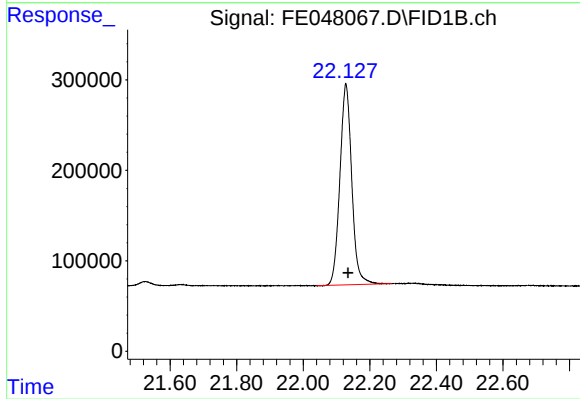
R.T.: 20.466 min
Delta R.T.: -0.001 min
Response: 6121801
Conc: 46.23 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.205 min
Delta R.T.: -0.003 min
Response: 5761325
Conc: 46.36 ug/ml

Instrument :
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50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.128 min
Delta R.T.: -0.007 min
Response: 5493057
Conc: 43.55 ug/ml