

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090123\
 Data File : FE044079.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2023 08:41
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 01 23:59:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 2023
 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...	15.025	7534166	51.390 ug/ml
Target Compounds			
1) N-OCTANE	2.043	8336022	51.269 ug/ml
2) N-DECANE	4.572	8728105	51.768 ug/ml
3) N-DODECANE	6.738	8831676	51.845 ug/ml
4) N-TETRADECANE	8.563	8898070	51.728 ug/ml
5) N-HEXADECANE	10.173	8969503	52.017 ug/ml
6) N-OCTADECANE	11.616	9036379	52.014 ug/ml
7) N-EICOSANE	12.927	8816918	51.637 ug/ml
8) N-DOCOSANE	14.126	8573869	51.035 ug/ml
10) N-TETRACOSANE	15.229	8466802	51.277 ug/ml
11) N-HEXACOSANE	16.251	8251257	51.306 ug/ml
12) N-OCTACOSANE	17.201	8032237	51.379 ug/ml
13) N-TRIACONTANE	18.089	7668651	51.227 ug/ml
14) N-DOTRIACONTANE	18.923	6989976	51.369 ug/ml
15) N-TETRATRIACONTANE	19.707	6260002	51.981 ug/ml
16) N-HEXATRIACONTANE	20.446	5550981	52.247 ug/ml
17) N-OCTATRIACONTANE	21.189	5046471	50.574 ug/ml
18) N-TETRACONTANE	22.106	4671336	48.704 ug/ml

(f)=RT Delta > 1/2 Window

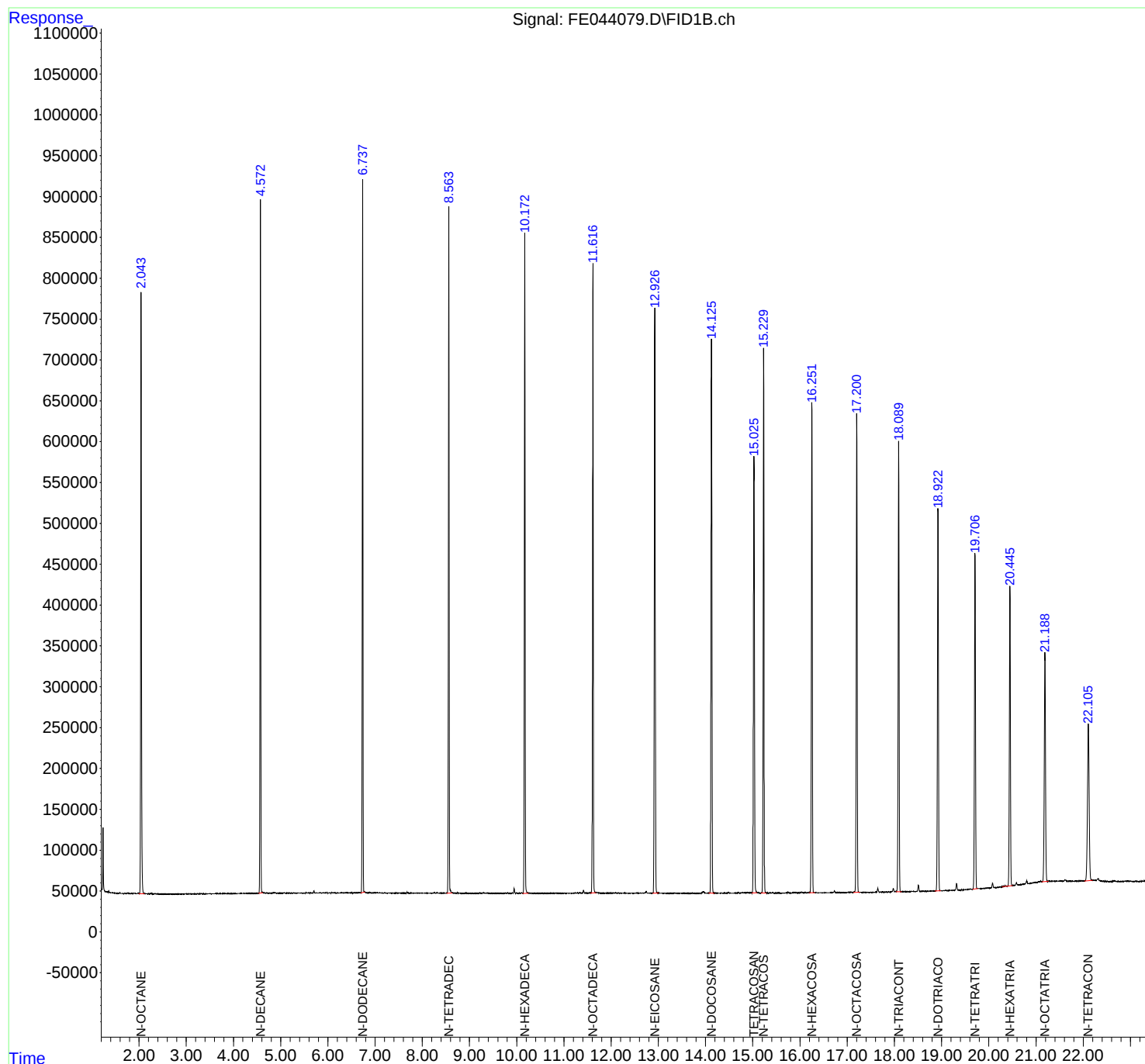
(m)=manual int.

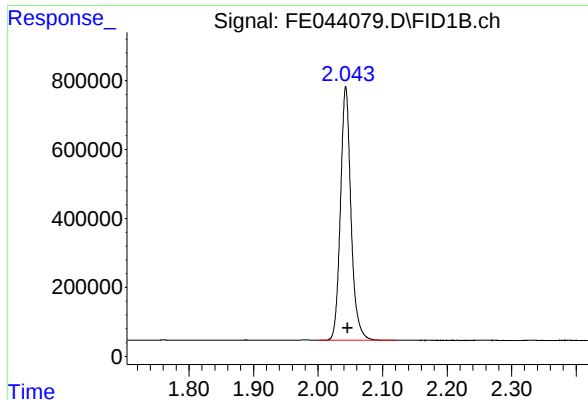
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

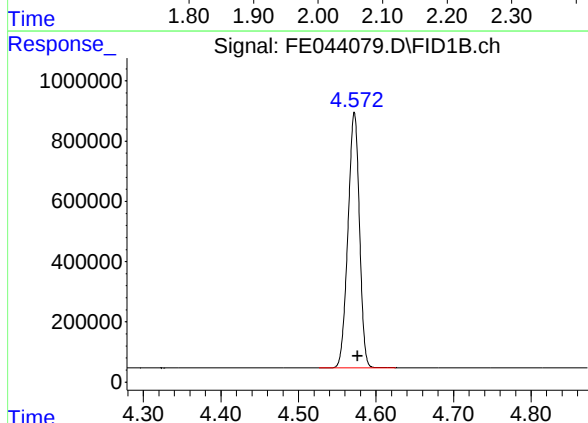




#1 N-OCTANE

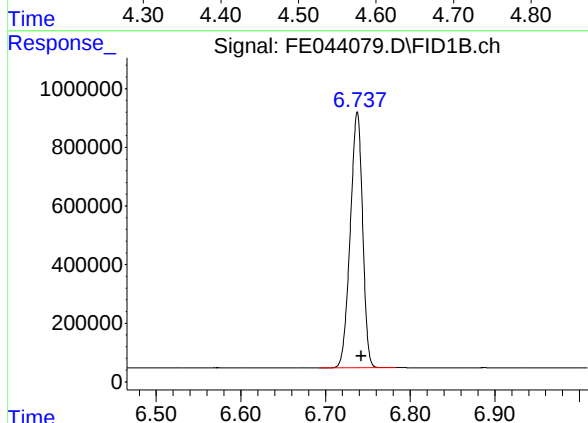
R.T.: 2.043 min
Delta R.T.: -0.003 min
Response: 8336022
Conc: 51.27 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



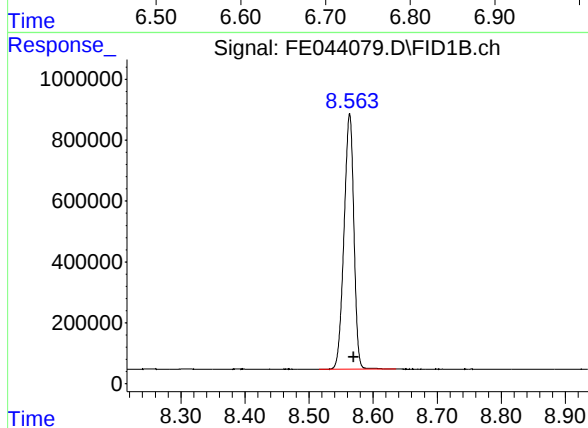
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 8728105
Conc: 51.77 ug/ml



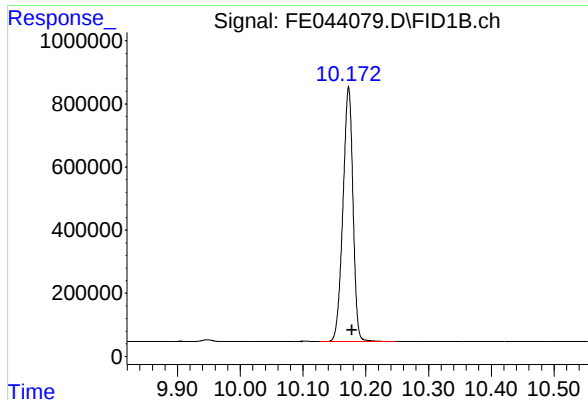
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: -0.005 min
Response: 8831676
Conc: 51.85 ug/ml



#4 N-TETRADECANE

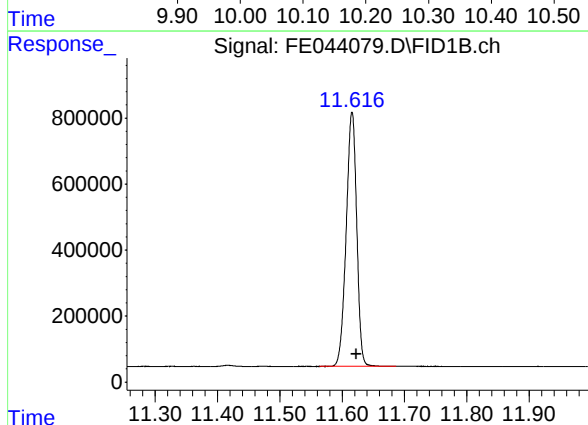
R.T.: 8.563 min
Delta R.T.: -0.006 min
Response: 8898070
Conc: 51.73 ug/ml



#5 N-HEXADECANE

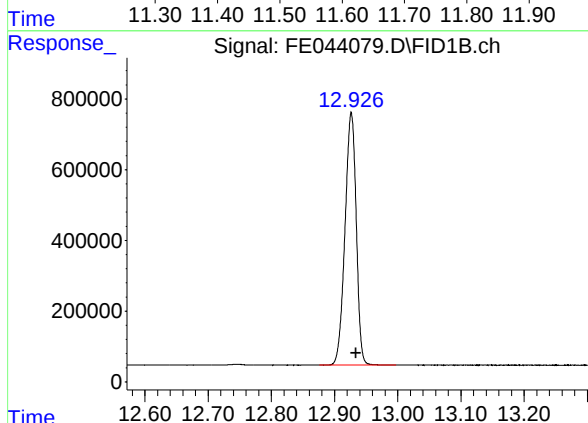
R.T.: 10.173 min
Delta R.T.: -0.005 min
Response: 8969503
Conc: 52.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



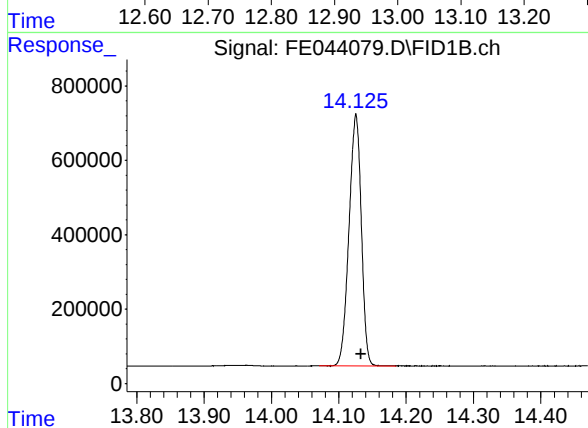
#6 N-OCTADECANE

R.T.: 11.616 min
Delta R.T.: -0.007 min
Response: 9036379
Conc: 52.01 ug/ml



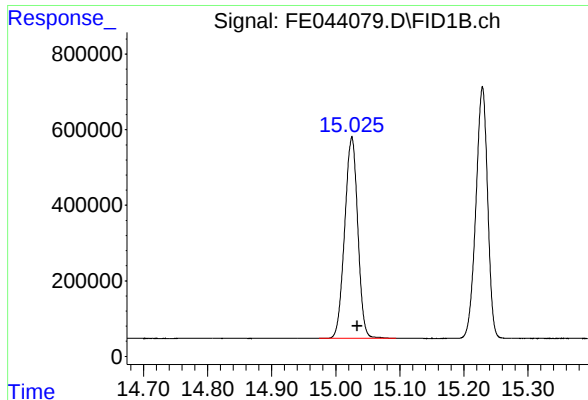
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: -0.007 min
Response: 8816918
Conc: 51.64 ug/ml



#8 N-DOCOSANE

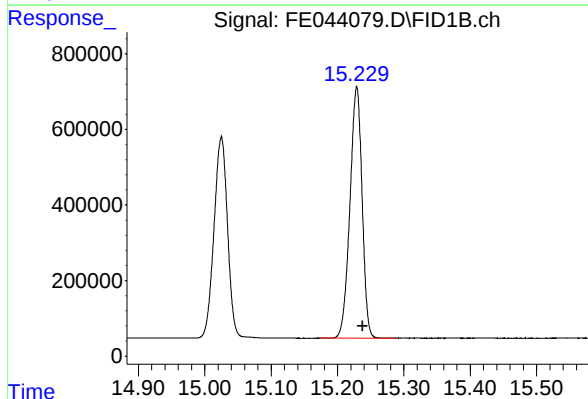
R.T.: 14.126 min
Delta R.T.: -0.007 min
Response: 8573869
Conc: 51.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

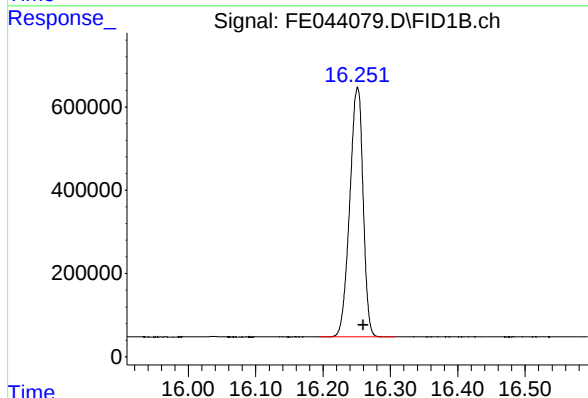
R.T.: 15.025 min
Delta R.T.: -0.008 min
Response: 7534166
Conc: 51.39 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



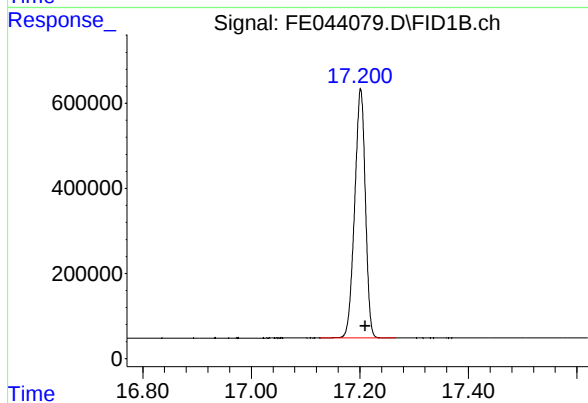
#10 N-TETRACOSANE

R.T.: 15.229 min
Delta R.T.: -0.009 min
Response: 8466802
Conc: 51.28 ug/ml



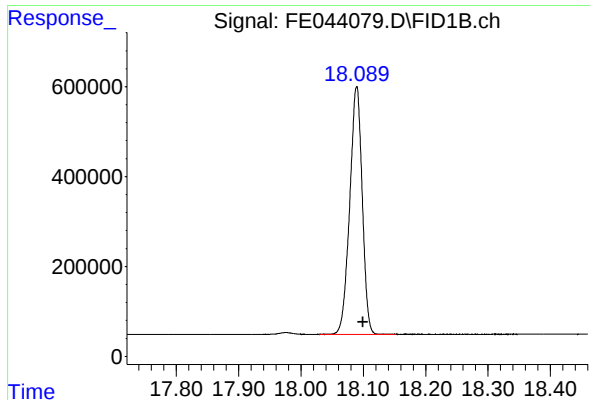
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 8251257
Conc: 51.31 ug/ml



#12 N-OCTACOSANE

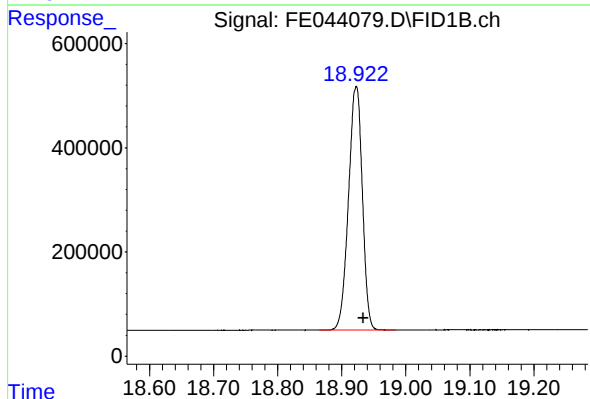
R.T.: 17.201 min
Delta R.T.: -0.008 min
Response: 8032237
Conc: 51.38 ug/ml



#13 N-TRIACONTANE

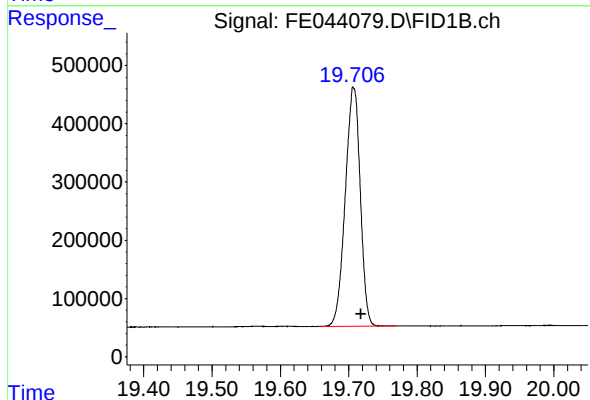
R.T.: 18.089 min
Delta R.T.: -0.010 min
Response: 7668651
Conc: 51.23 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



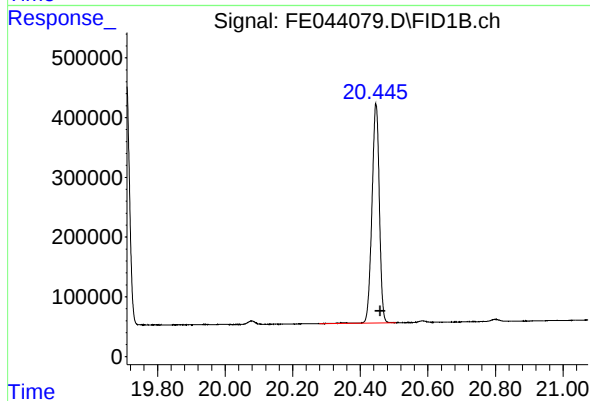
#14 N-DOTRIACONTANE

R.T.: 18.923 min
Delta R.T.: -0.011 min
Response: 6989976
Conc: 51.37 ug/ml



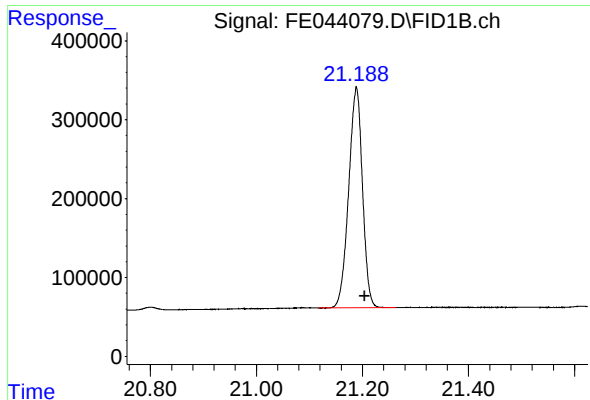
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 6260002
Conc: 51.98 ug/ml



#16 N-HEXATRIACONTANE

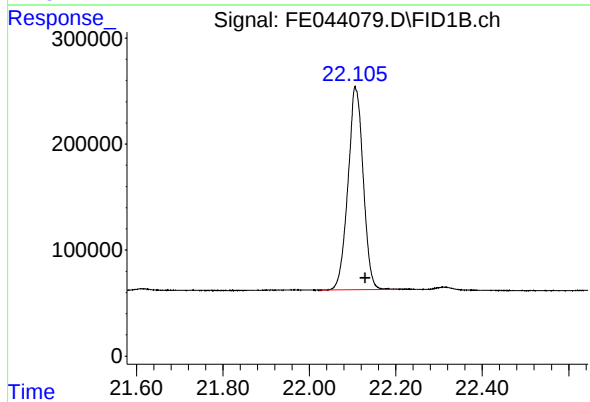
R.T.: 20.446 min
Delta R.T.: -0.012 min
Response: 5550981
Conc: 52.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.189 min
Delta R.T.: -0.015 min
Response: 5046471
Conc: 50.57 ug/ml

Instrument :
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ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.106 min
Delta R.T.: -0.024 min
Response: 4671336
Conc: 48.70 ug/ml