

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012425\
 Data File : FF015315.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 16:27
 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: Jan 24 23:32:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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...	15.024	6109814	46.659 ug/ml
Target Compounds			
1) N-OCTANE	2.032	6722342	50.497 ug/ml
2) N-DECANE	4.568	7067019	53.030 ug/ml
3) N-DODECANE	6.735	7282419	53.238 ug/ml
4) N-TETRADECANE	8.562	7049123	53.985 ug/ml
5) N-HEXADECANE	10.169	7101409	52.894 ug/ml
6) N-OCTADECANE	11.613	7255478	49.428 ug/ml
7) N-EICOSANE	12.924	7016915	47.995 ug/ml
8) N-DOCOSANE	14.124	6847767	47.292 ug/ml
10) N-TETRACOSANE	15.228	6745730	46.586 ug/ml
11) N-HEXACOSANE	16.251	6539053	46.407 ug/ml
12) N-OCTACOSANE	17.202	6466925	47.189 ug/ml
13) N-TRIACONTANE	18.090	6483676	48.746 ug/ml
14) N-DOTRIACONTANE	18.924	6366438	50.116 ug/ml
15) N-TETRATRIACONTANE	19.710	5779385	52.156 ug/ml
16) N-HEXATRIACONTANE	20.451	5021880	55.554 ug/ml
17) N-OCTATRIACONTANE	21.191	4696139	58.111 ug/ml
18) N-TETRACONTANE	22.107	4658204	61.409 ug/ml

(f)=RT Delta > 1/2 Window

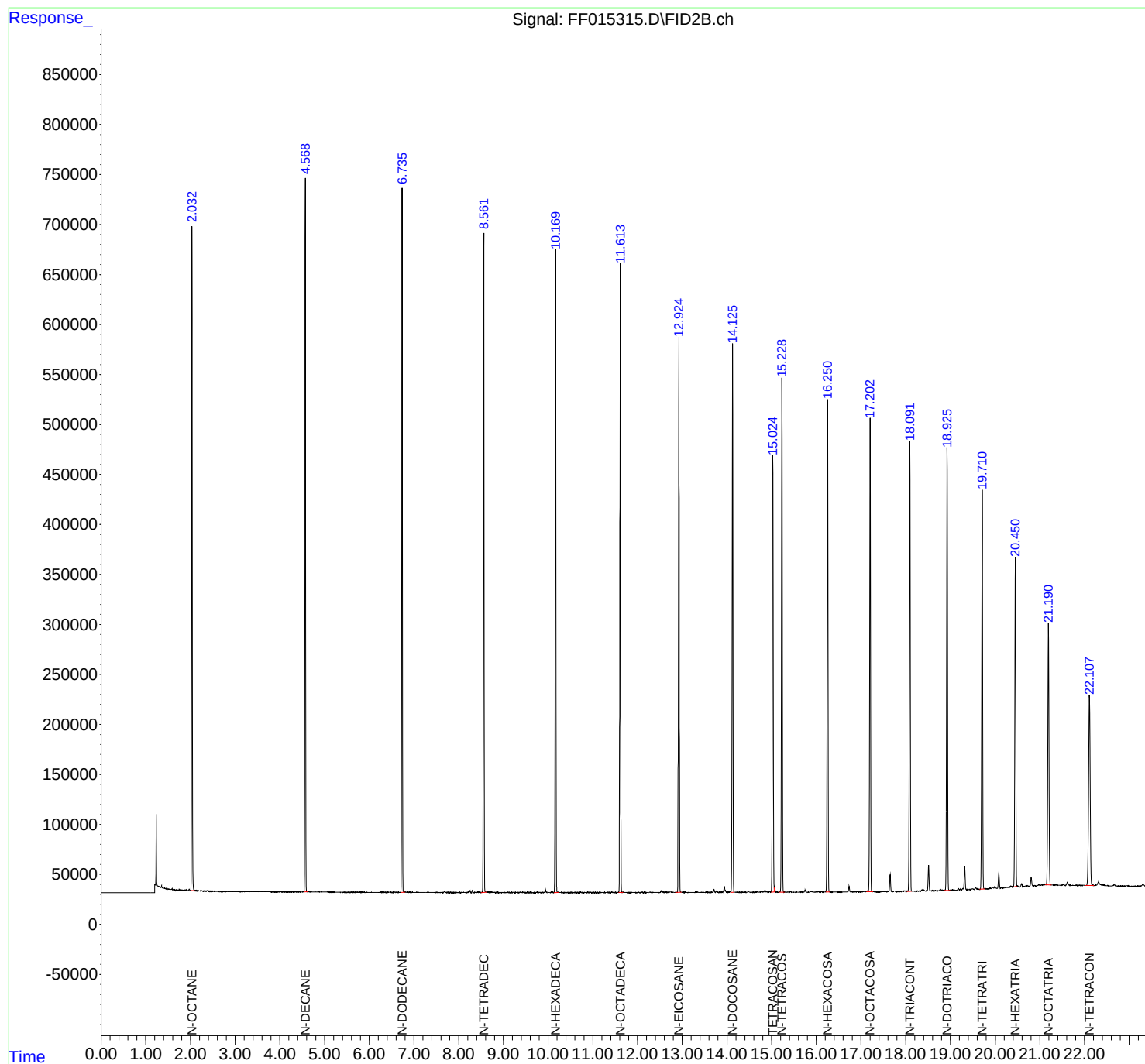
(m)=manual int.

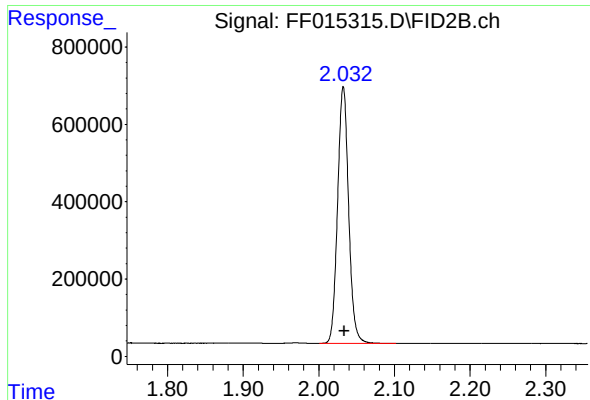
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Signal Info : 20mx0.18mmx0.18um

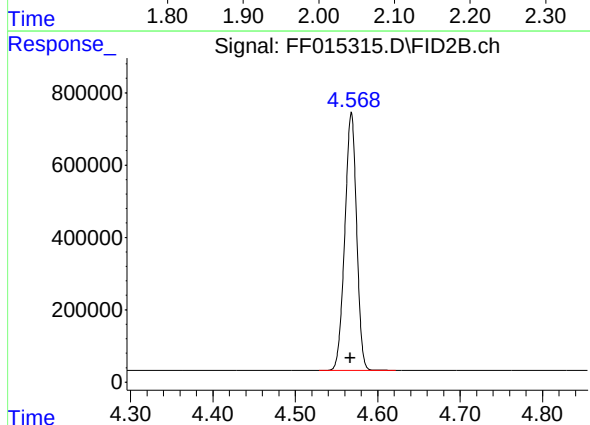




#1 N-OCTANE

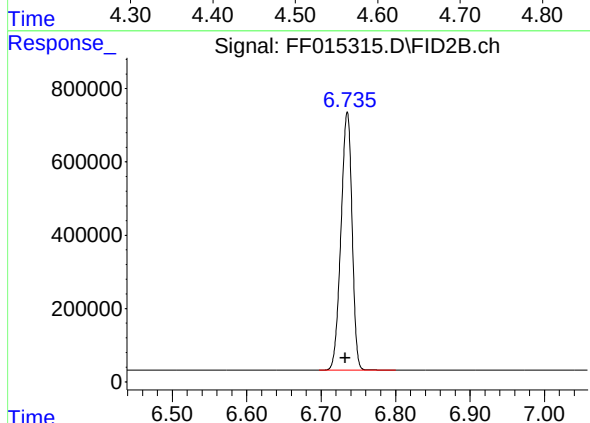
R.T.: 2.032 min
Delta R.T.: -0.002 min
Response: 6722342
Conc: 50.50 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



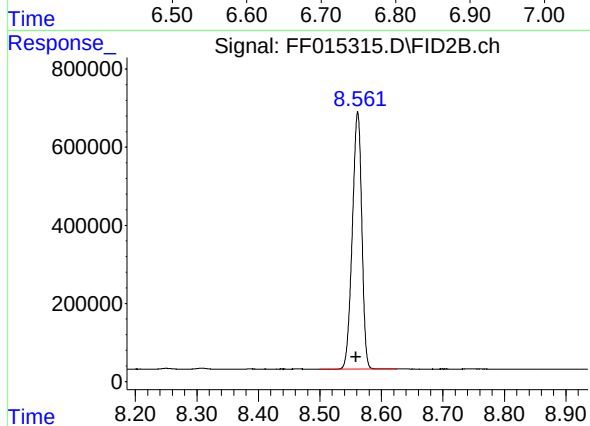
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 7067019
Conc: 53.03 ug/ml



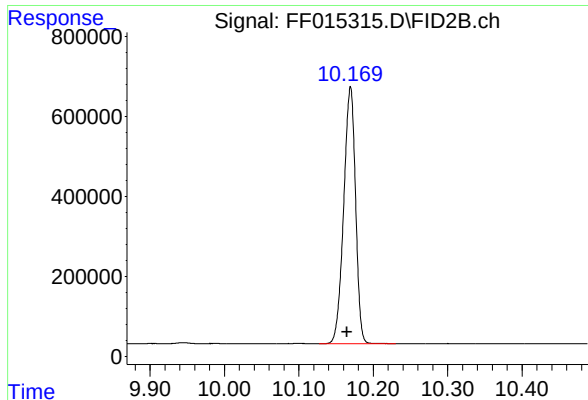
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: 0.003 min
Response: 7282419
Conc: 53.24 ug/ml



#4 N-TETRADECANE

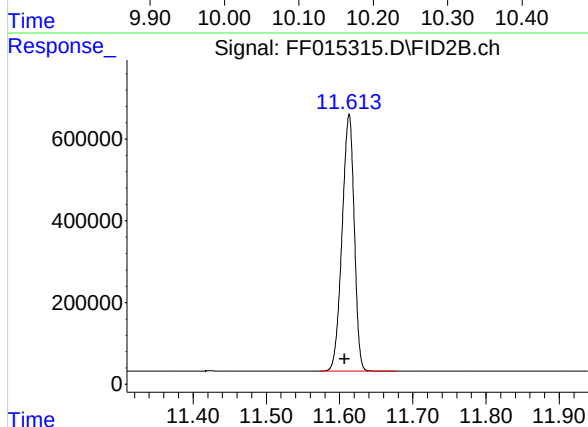
R.T.: 8.562 min
Delta R.T.: 0.003 min
Response: 7049123
Conc: 53.99 ug/ml



#5 N-HEXADECANE

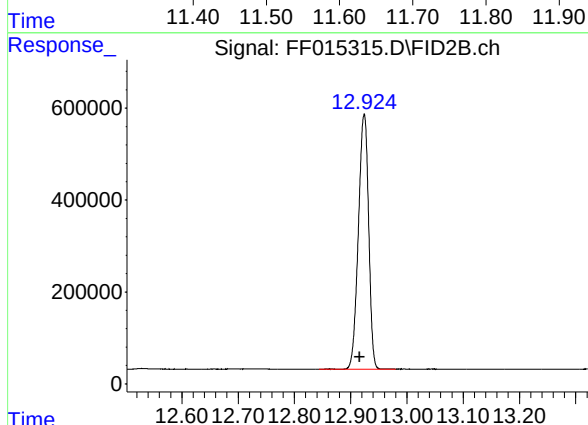
R.T.: 10.169 min
Delta R.T.: 0.005 min
Response: 7101409
Conc: 52.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



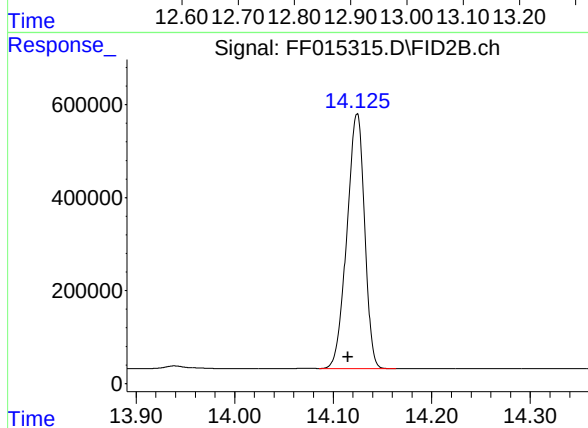
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.006 min
Response: 7255478
Conc: 49.43 ug/ml



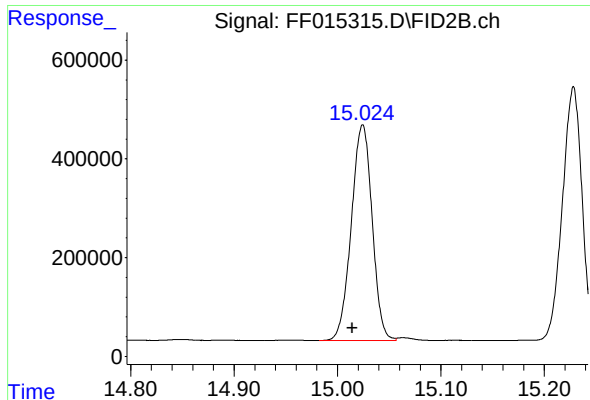
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: 0.008 min
Response: 7016915
Conc: 48.00 ug/ml



#8 N-DOCOSANE

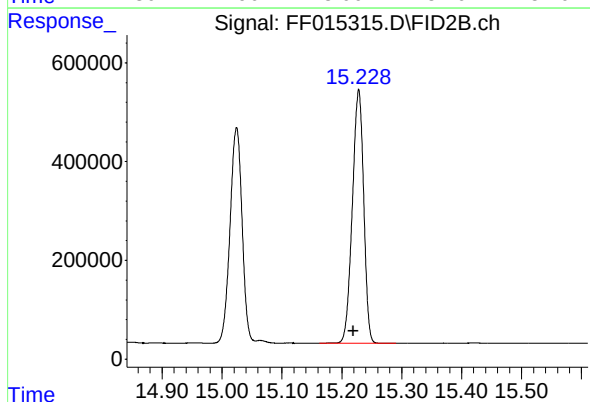
R.T.: 14.124 min
Delta R.T.: 0.009 min
Response: 6847767
Conc: 47.29 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

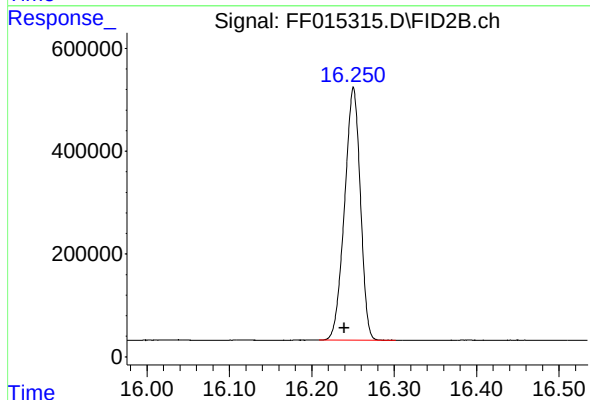
R.T.: 15.024 min
Delta R.T.: 0.010 min
Response: 6109814
Conc: 46.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



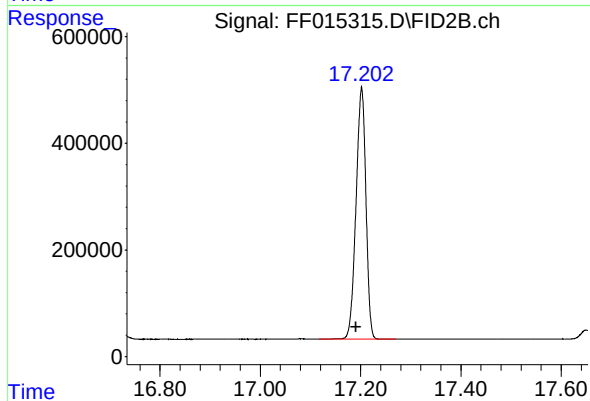
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: 0.009 min
Response: 6745730
Conc: 46.59 ug/ml



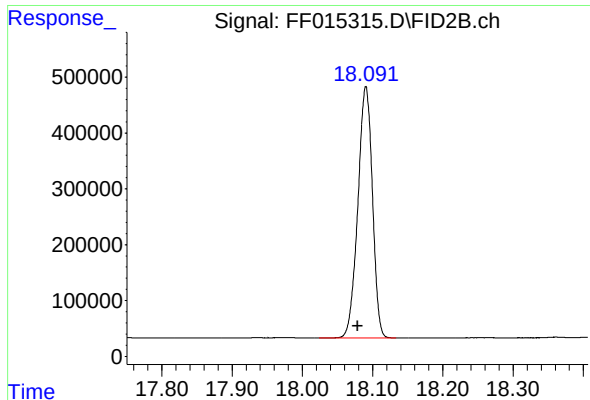
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: 0.011 min
Response: 6539053
Conc: 46.41 ug/ml



#12 N-OCTACOSANE

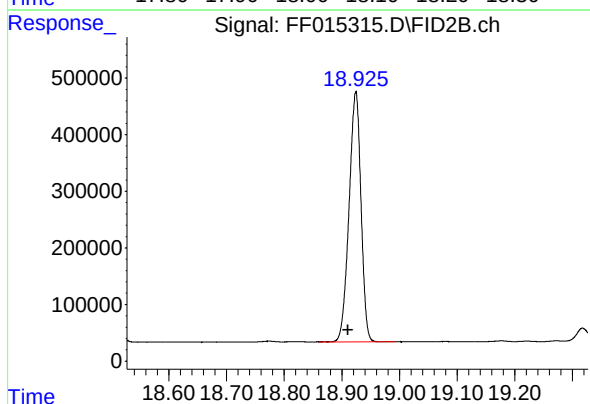
R.T.: 17.202 min
Delta R.T.: 0.012 min
Response: 6466925
Conc: 47.19 ug/ml



#13 N-TRIACONTANE

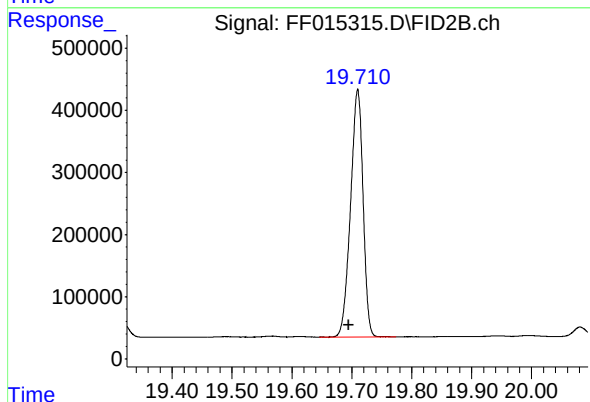
R.T.: 18.090 min
Delta R.T.: 0.012 min
Response: 6483676
Conc: 48.75 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



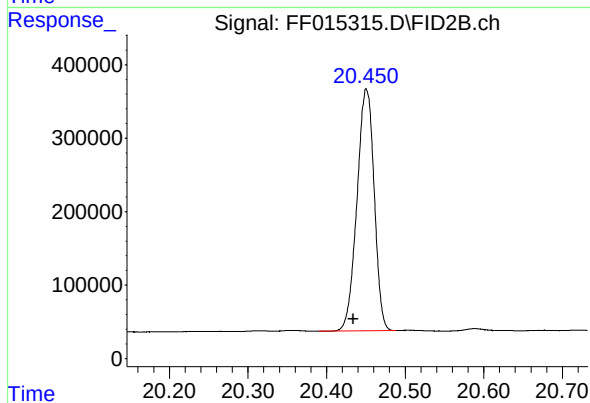
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: 0.014 min
Response: 6366438
Conc: 50.12 ug/ml



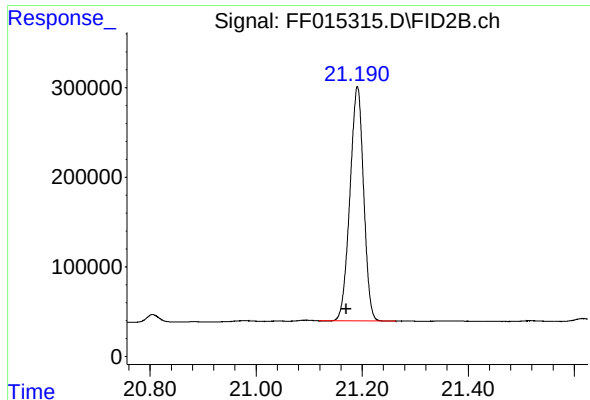
#15 N-TETRATRIACONTANE

R.T.: 19.710 min
Delta R.T.: 0.015 min
Response: 5779385
Conc: 52.16 ug/ml



#16 N-HEXATRIACONTANE

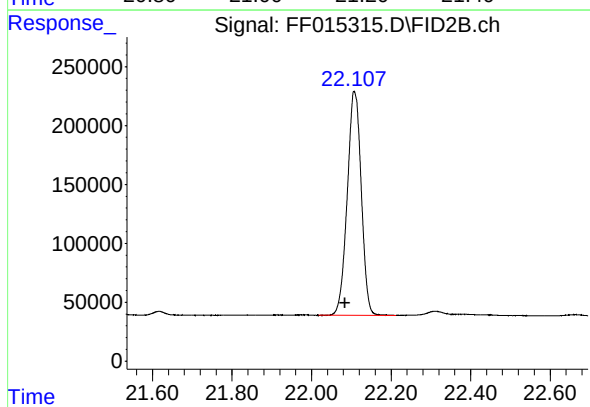
R.T.: 20.451 min
Delta R.T.: 0.017 min
Response: 5021880
Conc: 55.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: 0.021 min
Response: 4696139
Conc: 58.11 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.107 min
Delta R.T.: 0.023 min
Response: 4658204
Conc: 61.41 ug/ml