

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF063022\
 Data File : FF010940.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 17:48
 Operator : AJ\MA
 Sample : N3214-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 01:45:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF063022.M
 Quant Title :
 QLast Update : Fri Jul 01 01:40:42 2022
 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...	14.817	2461143	26.236 ug/ml
Target Compounds			
1) N-OCTANE	1.871	312072	2.766 ug/ml
2) N-DECANE	4.378	277837	2.464 ug/ml
3) N-DODECANE	6.545	251450	2.258 ug/ml
4) N-TETRADECANE	8.370	250899	2.244 ug/ml
5) N-HEXADECANE	9.974	240604	2.181 ug/ml
6) N-OCTADECANE	11.414	248580	2.253 ug/ml
7) N-EICOSANE	12.721	261055	2.428 ug/ml
8) N-DOCOSANE	13.917	268786	2.538 ug/ml
10) N-TETRACOSANE	15.019	277654	2.648 ug/ml
11) N-HEXACOSANE	16.040	270407	2.595 ug/ml
12) N-OCTACOSANE	16.988	281799	2.700 ug/ml
13) N-TRIACONTANE	17.873	289555	2.758 ug/ml
14) N-DOTRIACONTANE	18.704	318568	2.968 ug/ml
15) N-TETRATRIACONTANE	19.486	205971	2.112 ug/mlm
16) N-HEXATRIACONTANE	20.224	160607	1.868 ug/ml
17) N-OCTATRIACONTANE	20.931	121264	1.617 ug/ml
18) N-TETRACONTANE	21.794	310145	3.640 ug/ml

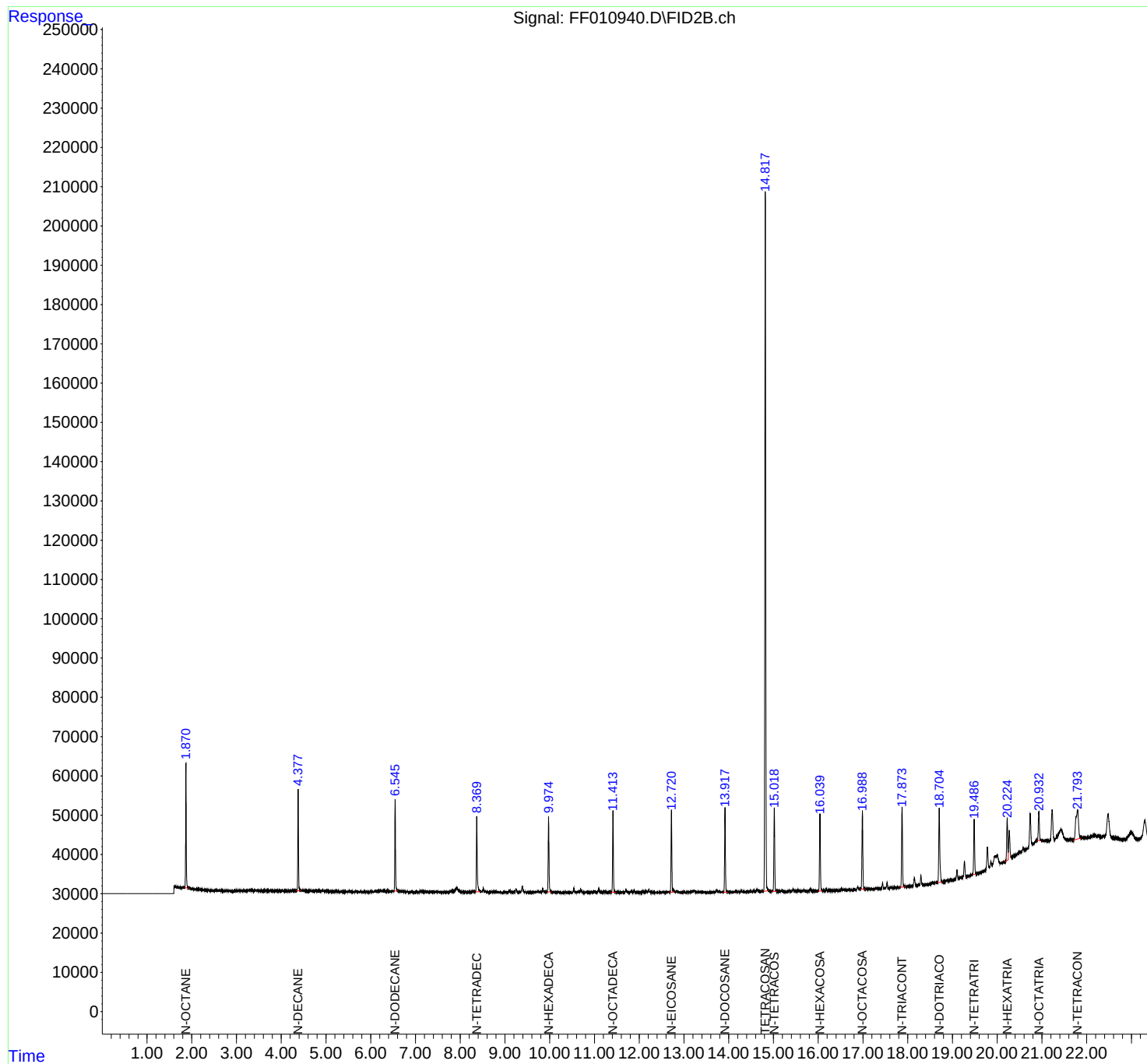
(f)=RT Delta > 1/2 Window

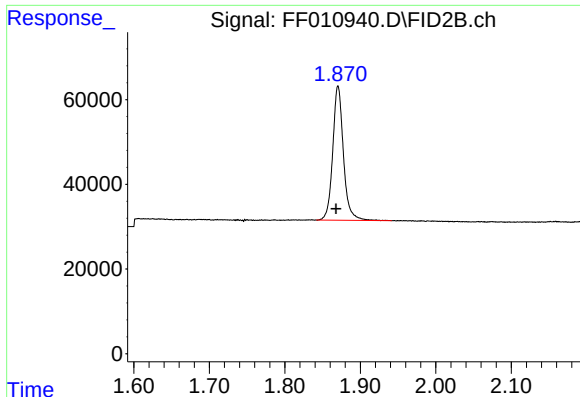
(m)=manual int.

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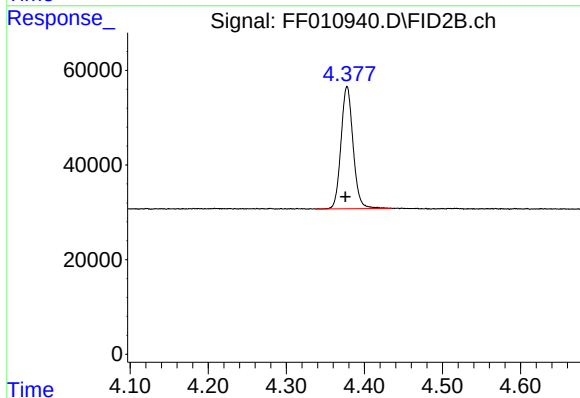
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





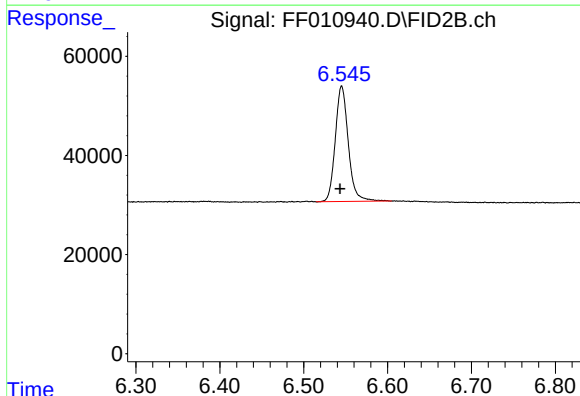
#1 N-OCTANE

R.T.: 1.871 min
Delta R.T.: 0.003 min
Response: 312072
Conc: 2.77 ug/ml



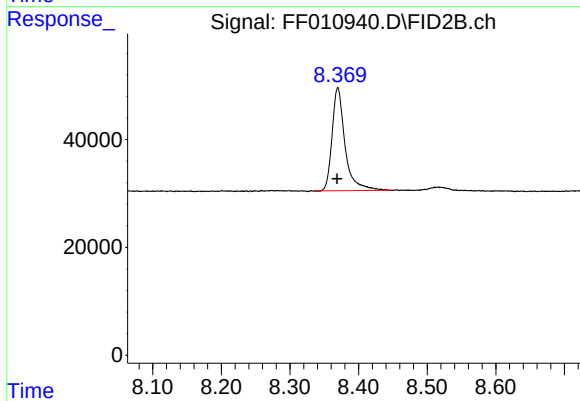
#2 N-DECANE

R.T.: 4.378 min
Delta R.T.: 0.002 min
Response: 277837
Conc: 2.46 ug/ml



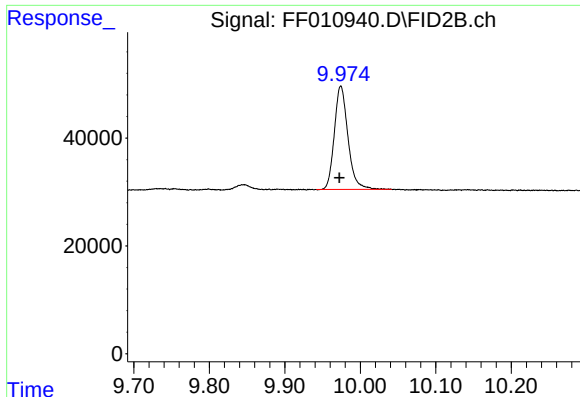
#3 N-DODECANE

R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 251450
Conc: 2.26 ug/ml



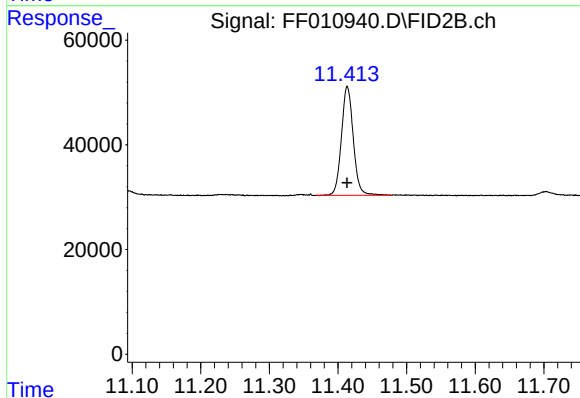
#4 N-TETRADECANE

R.T.: 8.370 min
Delta R.T.: 0.002 min
Response: 250899
Conc: 2.24 ug/ml



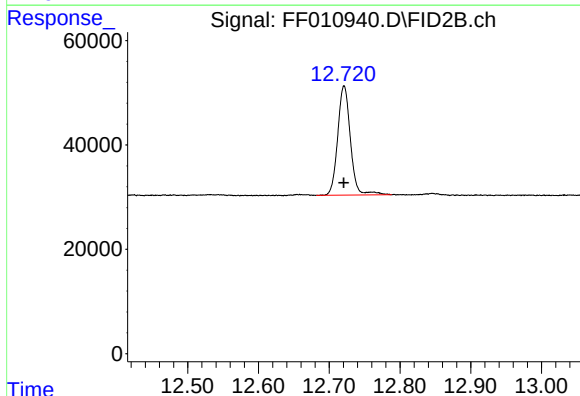
#5 N-HEXADECANE

R.T.: 9.974 min
Delta R.T.: 0.002 min
Response: 240604
Conc: 2.18 ug/ml



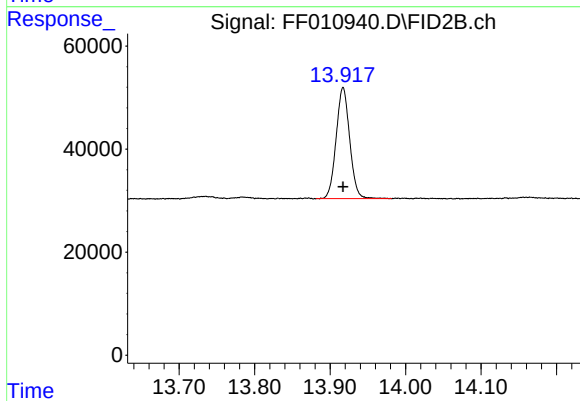
#6 N-OCTADECANE

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 248580
Conc: 2.25 ug/ml



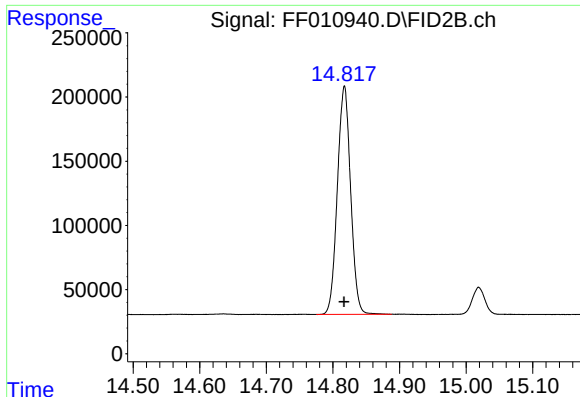
#7 N-EICOSANE

R.T.: 12.721 min
Delta R.T.: 0.000 min
Response: 261055
Conc: 2.43 ug/ml



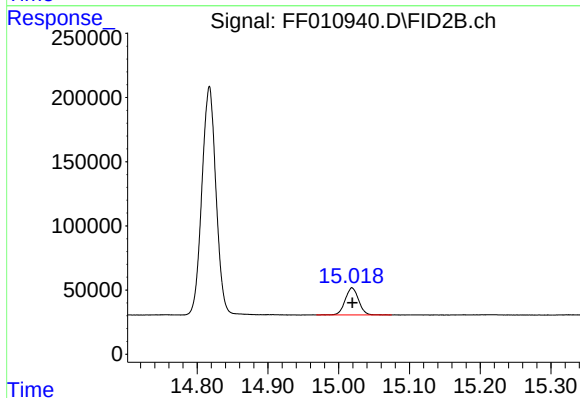
#8 N-DOCOSANE

R.T.: 13.917 min
Delta R.T.: 0.000 min
Response: 268786
Conc: 2.54 ug/ml



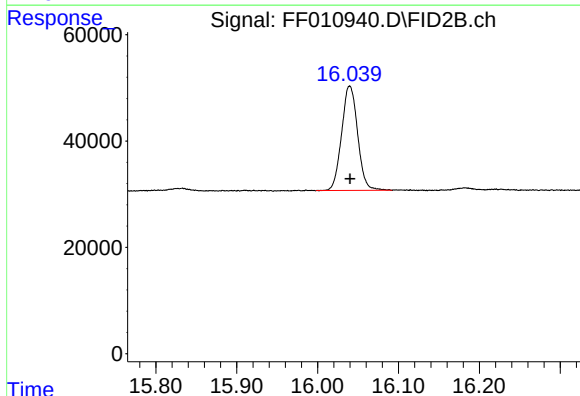
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 2461143
Conc: 26.24 ug/ml



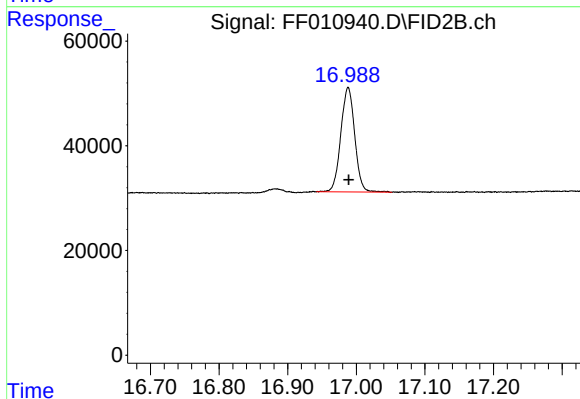
#10 N-TETRACOSANE

R.T.: 15.019 min
Delta R.T.: 0.000 min
Response: 277654
Conc: 2.65 ug/ml



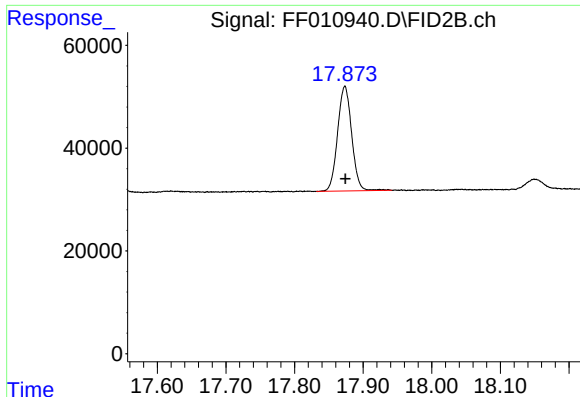
#11 N-HEXACOSANE

R.T.: 16.040 min
Delta R.T.: 0.000 min
Response: 270407
Conc: 2.60 ug/ml



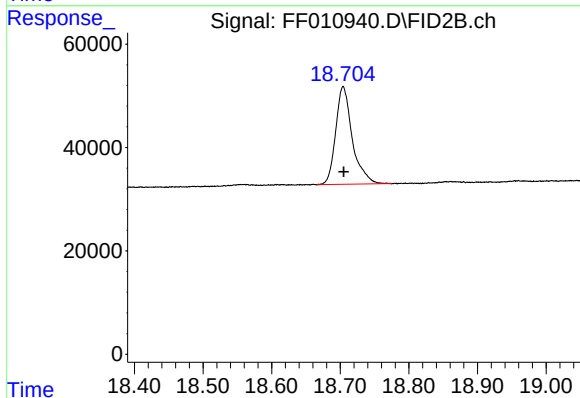
#12 N-OCTACOSANE

R.T.: 16.988 min
Delta R.T.: 0.000 min
Response: 281799
Conc: 2.70 ug/ml



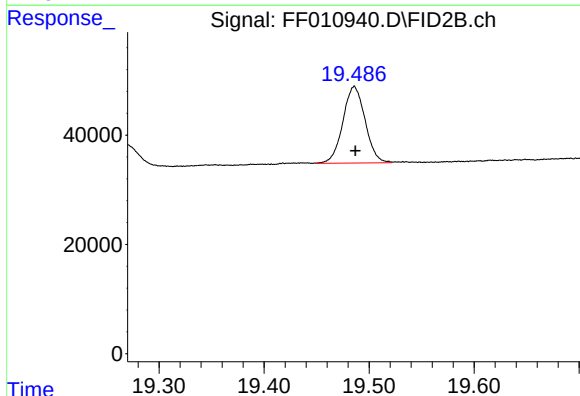
#13 N-TRIACONTANE

R.T.: 17.873 min
Delta R.T.: 0.000 min
Response: 289555
Conc: 2.76 ug/ml



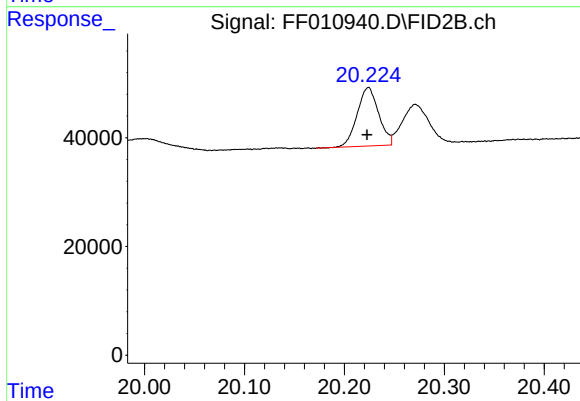
#14 N-DOTRIACONTANE

R.T.: 18.704 min
Delta R.T.: 0.000 min
Response: 318568
Conc: 2.97 ug/ml



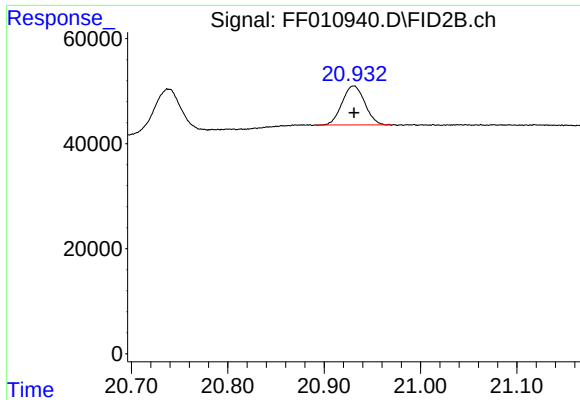
#15 N-TETRATRIACONTANE

R.T.: 19.486 min
Delta R.T.: -0.001 min
Response: 205971
Conc: 2.11 ug/ml m



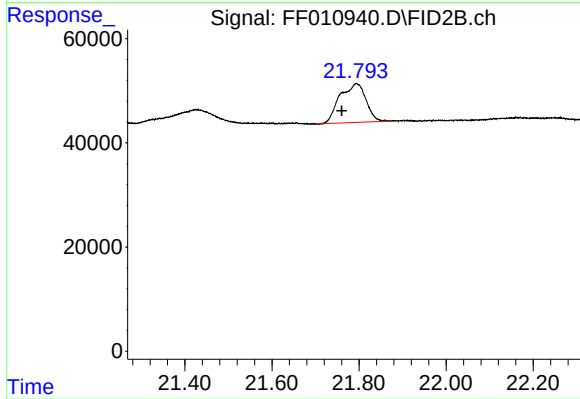
#16 N-HEXATRIACONTANE

R.T.: 20.224 min
Delta R.T.: 0.001 min
Response: 160607
Conc: 1.87 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.931 min
Delta R.T.: 0.000 min
Response: 121264
Conc: 1.62 ug/ml



#18 N-TETRACONTANE

R.T.: 21.794 min
Delta R.T.: 0.033 min
Response: 310145
Conc: 3.64 ug/ml