

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050595.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 17:28
 Operator : YP\AJ
 Sample : P4368-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-05-QT4-2024

Integration File: autoint1.e
 Quant Time: Oct 11 03:20:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.941	2549406	18.295 ug/ml
Target Compounds			
1) N-OCTANE	1.992	742464	4.958 ug/ml
2) N-DECANE	4.499	779365	5.039 ug/ml
3) N-DODECANE	6.667	801029	5.164 ug/ml
4) N-TETRADECANE	8.494	809647	5.151 ug/ml
5) N-HEXADECANE	10.099	834407	5.308 ug/ml
6) N-OCTADECANE	11.539	882622	5.504 ug/ml
7) N-EICOSANE	12.846	879108	5.436 ug/ml
8) N-DOCOSANE	14.043	880284	5.614 ug/ml
10) N-TETRACOSANE	15.144	883634	5.632 ug/ml
11) N-HEXACOSANE	16.163	880304	5.584 ug/ml
12) N-OCTACOSANE	17.112	894796	5.601 ug/ml
13) N-TRIACONTANE	17.998	897180	5.328 ug/ml
14) N-DOTRIACONTANE	18.830	769469	4.426 ug/ml
15) N-TETRATRIACONTANE	19.612	576202	3.253 ug/ml
16) N-HEXATRIACONTANE	20.351	407407	2.382 ug/ml
17) N-OCTATRIACONTANE	21.075	353601	2.100 ug/ml
18) N-TETRACONTANE	21.962	313017	2.033 ug/ml

(f)=RT Delta > 1/2 Window

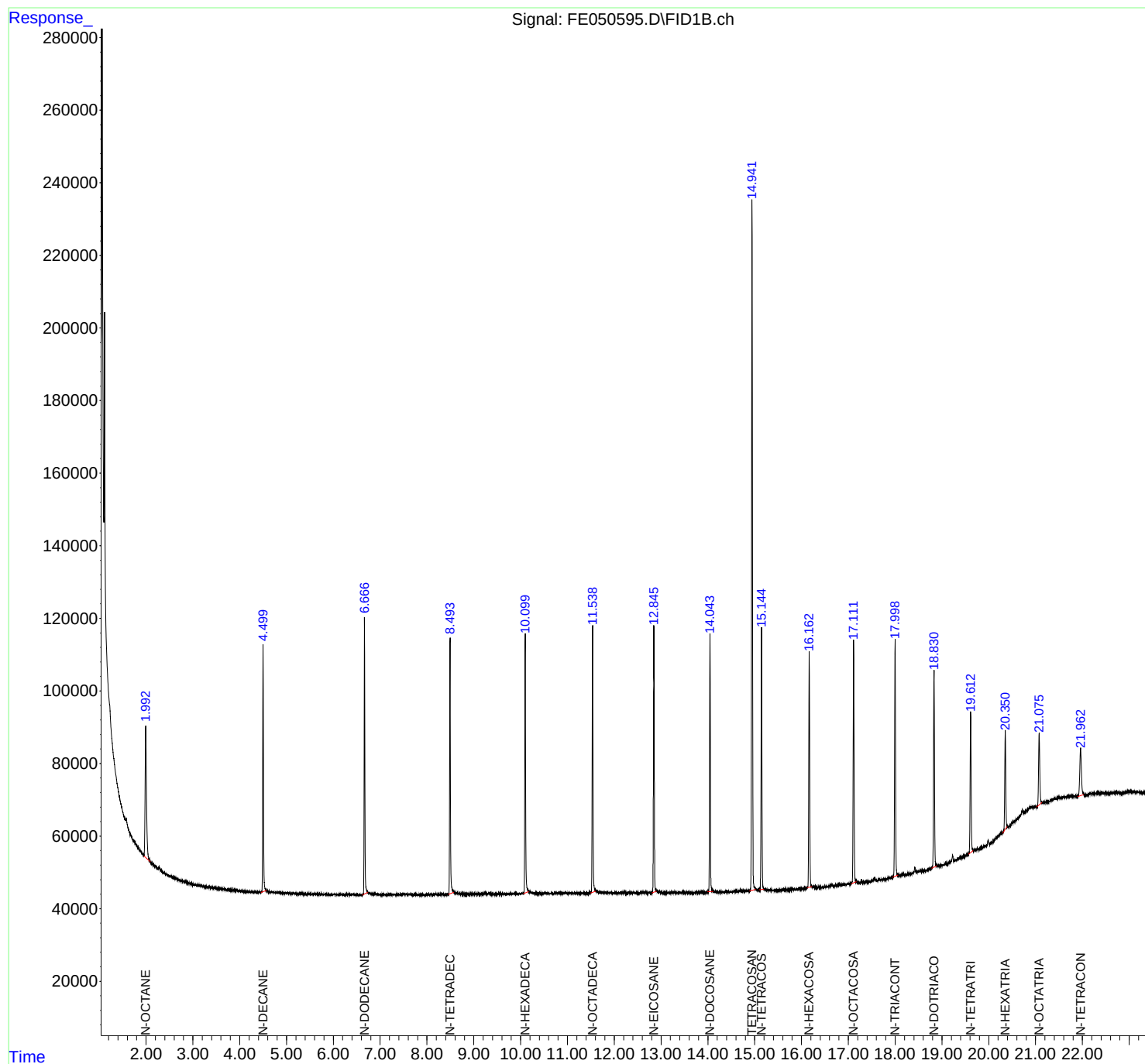
(m)=manual int.

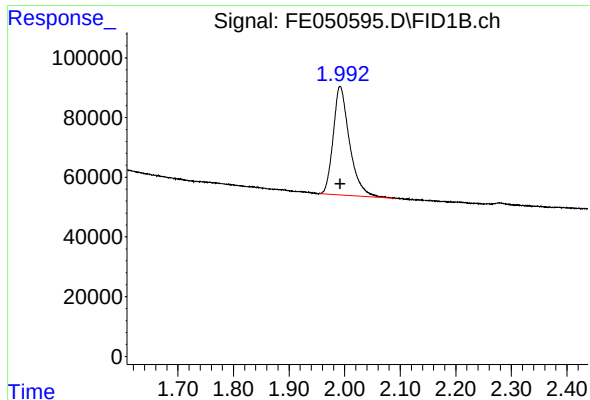
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Response via : Initial Calibration
Integrator: ChemStation

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

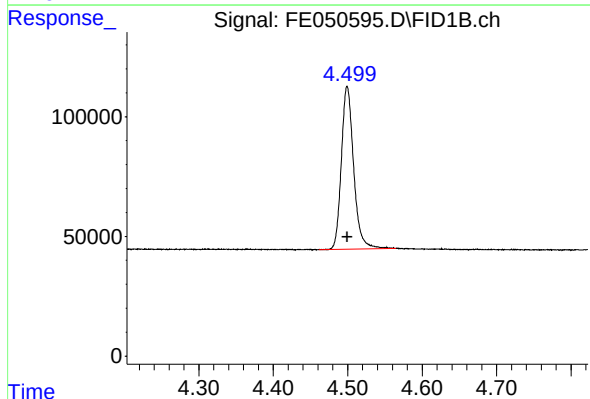




#1 N-OCTANE

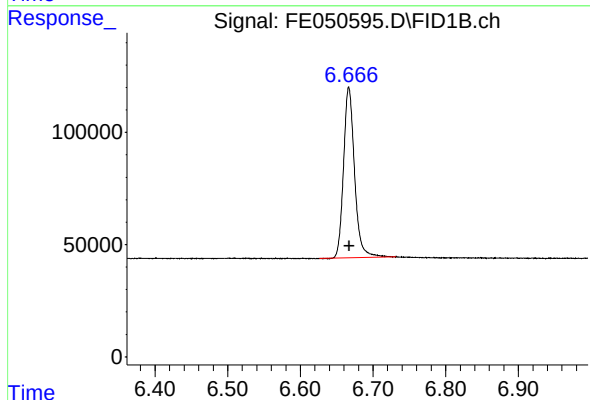
R.T.: 1.992 min
Delta R.T.: 0.000 min
Response: 742464
Conc: 4.96 ug/ml

Instrument :
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ClientSampleId :
LOQ-SOIL-05-QT4-2024



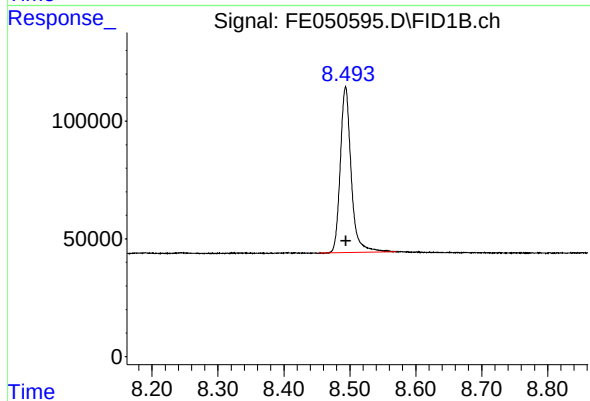
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 779365
Conc: 5.04 ug/ml



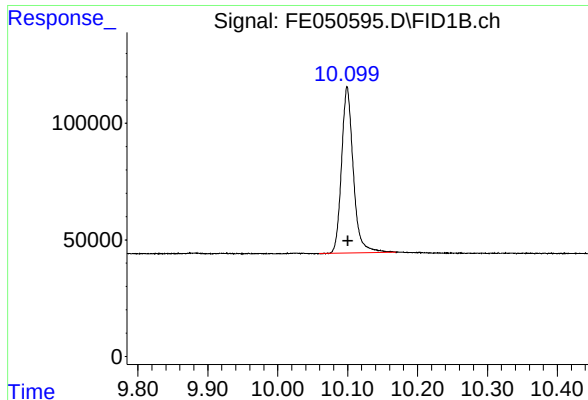
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 801029
Conc: 5.16 ug/ml



#4 N-TETRADECANE

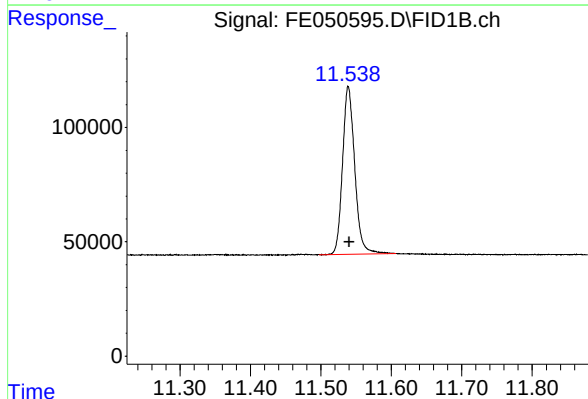
R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 809647
Conc: 5.15 ug/ml



#5 N-HEXADECANE

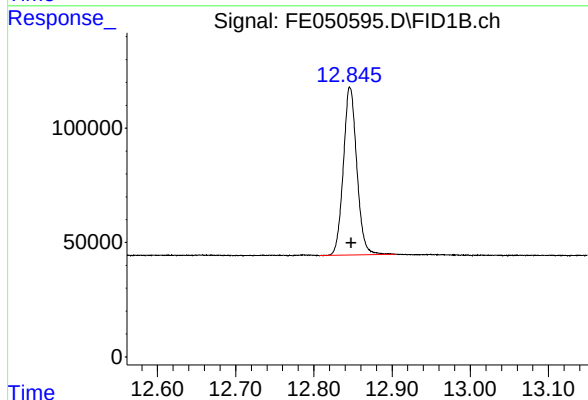
R.T.: 10.099 min
Delta R.T.: 0.000 min
Response: 834407
Conc: 5.31 ug/ml

Instrument :
FID_E
ClientSampleId :
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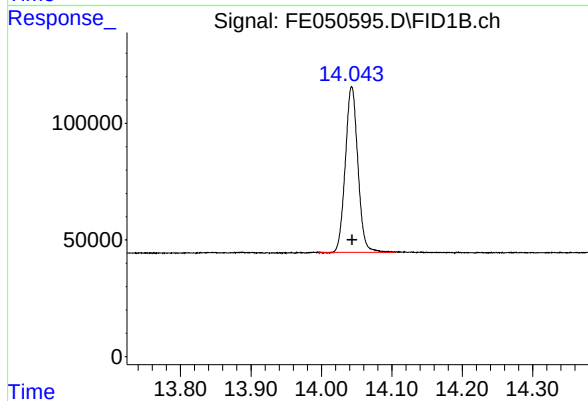
#6 N-OCTADECANE

R.T.: 11.539 min
Delta R.T.: -0.002 min
Response: 882622
Conc: 5.50 ug/ml



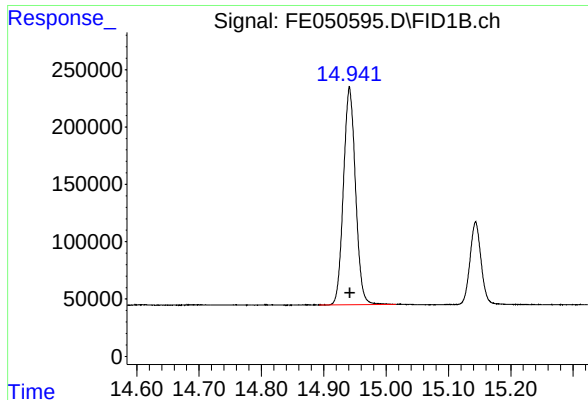
#7 N-EICOSANE

R.T.: 12.846 min
Delta R.T.: -0.002 min
Response: 879108
Conc: 5.44 ug/ml



#8 N-DOCOSANE

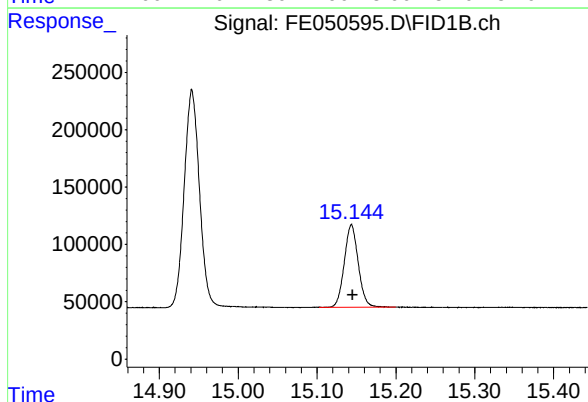
R.T.: 14.043 min
Delta R.T.: 0.000 min
Response: 880284
Conc: 5.61 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

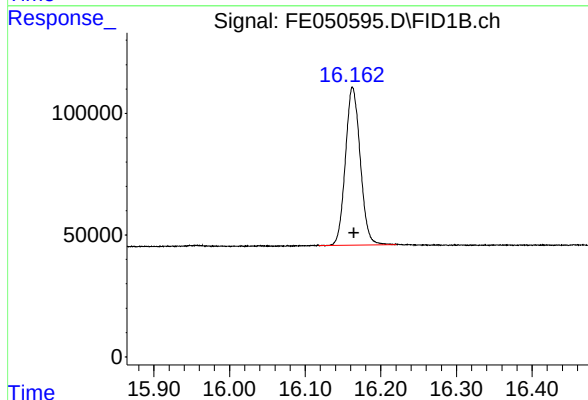
R.T.: 14.941 min
Delta R.T.: 0.000 min
Response: 2549406
Conc: 18.30 ug/ml

Instrument :
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LOQ-SOIL-05-QT4-2024



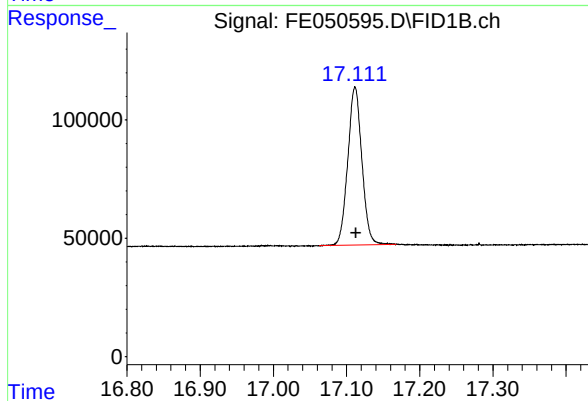
#10 N-TETRACOSANE

R.T.: 15.144 min
Delta R.T.: -0.002 min
Response: 883634
Conc: 5.63 ug/ml



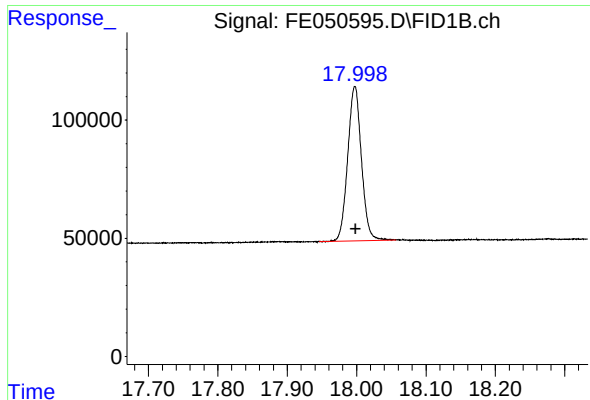
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 880304
Conc: 5.58 ug/ml



#12 N-OCTACOSANE

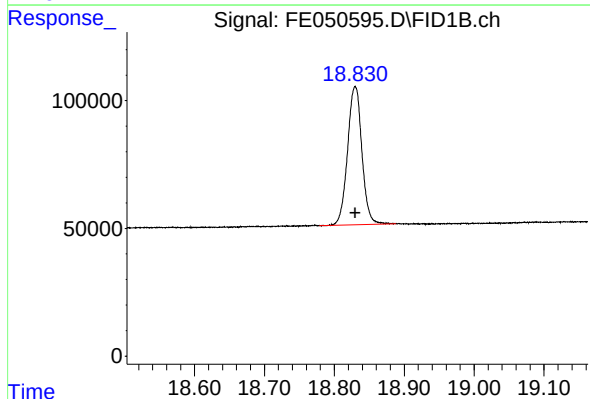
R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 894796
Conc: 5.60 ug/ml



#13 N-TRIACONTANE

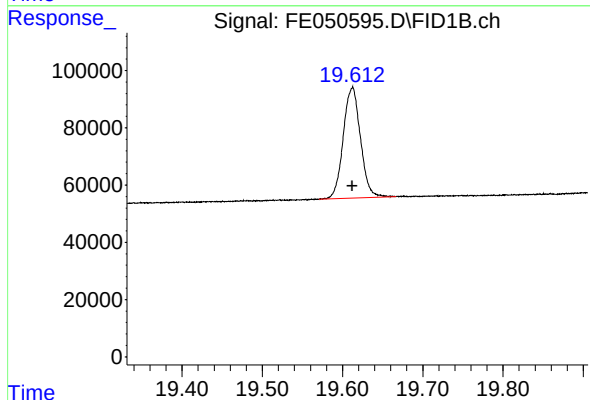
R.T.: 17.998 min
Delta R.T.: 0.000 min
Response: 897180
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT4-2024



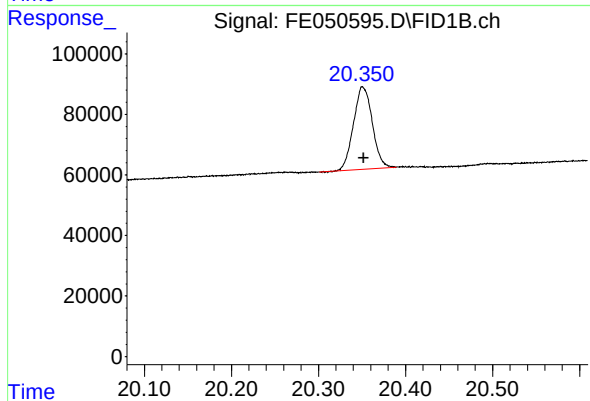
#14 N-DOTRIACONTANE

R.T.: 18.830 min
Delta R.T.: 0.000 min
Response: 769469
Conc: 4.43 ug/ml



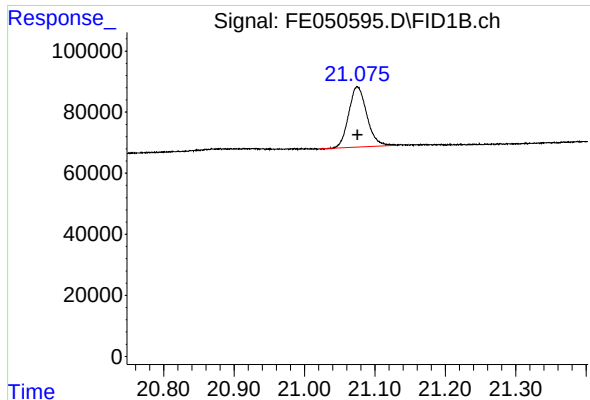
#15 N-TETRATRIACONTANE

R.T.: 19.612 min
Delta R.T.: 0.000 min
Response: 576202
Conc: 3.25 ug/ml



#16 N-HEXATRIACONTANE

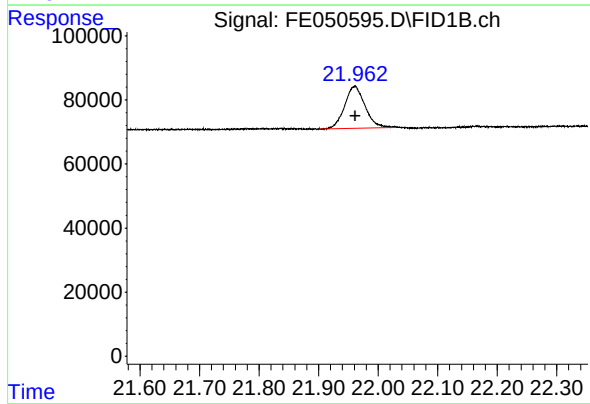
R.T.: 20.351 min
Delta R.T.: -0.001 min
Response: 407407
Conc: 2.38 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.075 min
Delta R.T.: 0.000 min
Response: 353601
Conc: 2.10 ug/ml

Instrument :
FID_E
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#18 N-TETRACONTANE

R.T.: 21.962 min
Delta R.T.: 0.000 min
Response: 313017
Conc: 2.03 ug/ml