

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050598.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 18:59
 Operator : YP\AJ
 Sample : P4368-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 36 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Oct 11 03:21:12 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...	14.942	2545393	18.266 ug/ml
Target Compounds			
1) N-OCTANE	1.989	736920	4.921 ug/ml
2) N-DECANE	4.499	777267	5.025 ug/ml
3) N-DODECANE	6.667	801485	5.167 ug/ml
4) N-TETRADECANE	8.493	803046	5.109 ug/ml
5) N-HEXADECANE	10.099	835632	5.316 ug/ml
6) N-OCTADECANE	11.538	881277	5.496 ug/ml
7) N-EICOSANE	12.847	878785	5.434 ug/ml
8) N-DOCOSANE	14.042	880547	5.616 ug/ml
10) N-TETRACOSANE	15.144	886276	5.649 ug/ml
11) N-HEXACOSANE	16.163	888713	5.637 ug/ml
12) N-OCTACOSANE	17.112	904580	5.662 ug/ml
13) N-TRIACONTANE	17.997	910093	5.405 ug/ml
14) N-DOTRIACONTANE	18.829	788124	4.533 ug/ml
15) N-TETRATRIACONTANE	19.614	585952	3.308 ug/ml
16) N-HEXATRIACONTANE	20.352	420089	2.457 ug/ml
17) N-OCTATRIACONTANE	21.076	357025	2.120 ug/ml
18) N-TETRACONTANE	21.962	313839	2.038 ug/ml

(f)=RT Delta > 1/2 Window

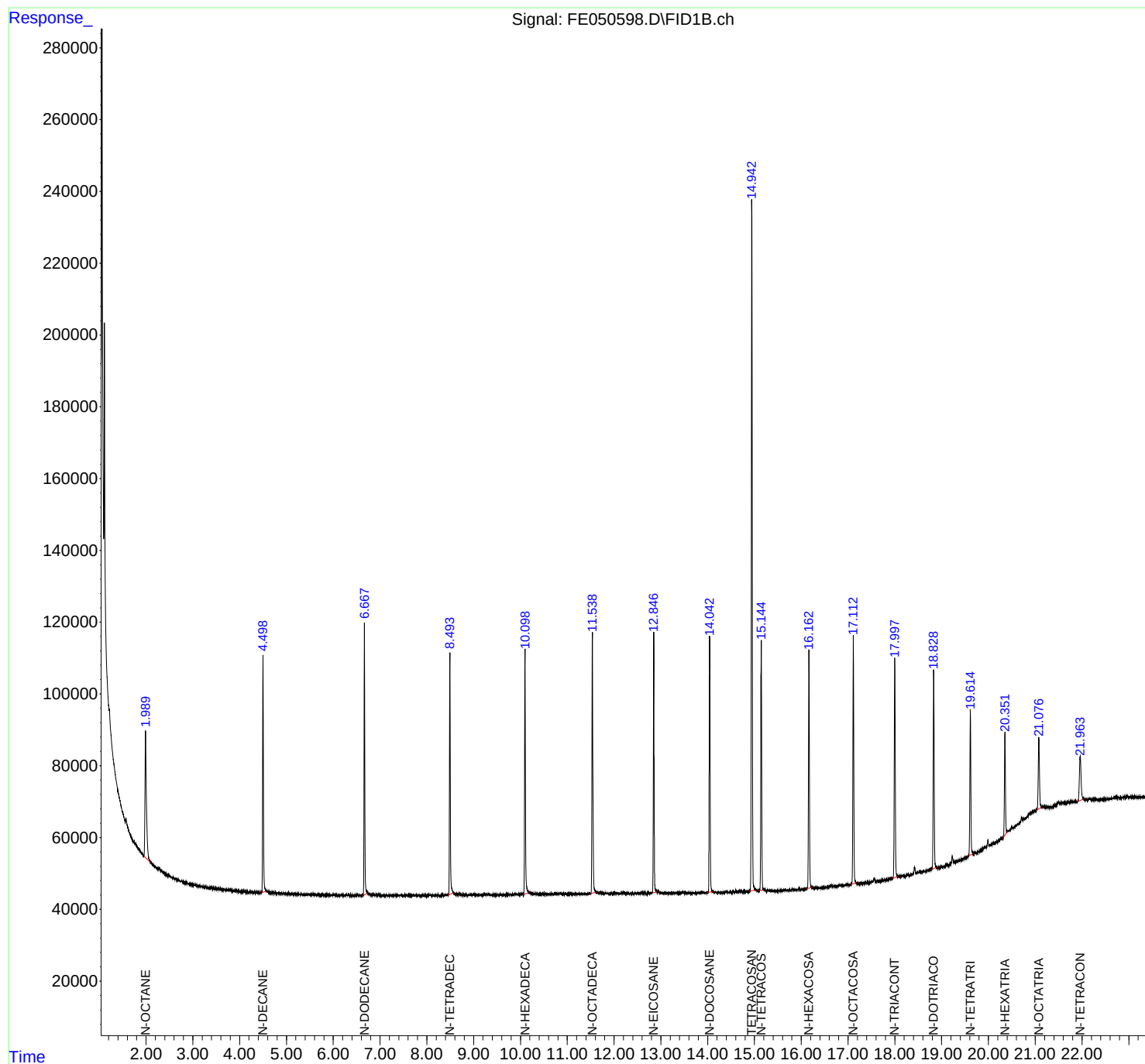
(m)=manual int.

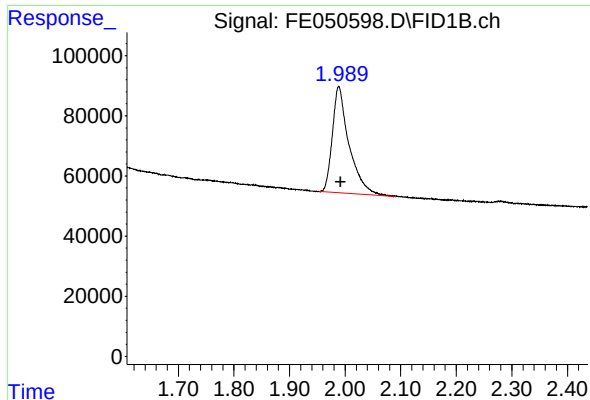
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Signal Info : 20mx0.18mmx0.18um

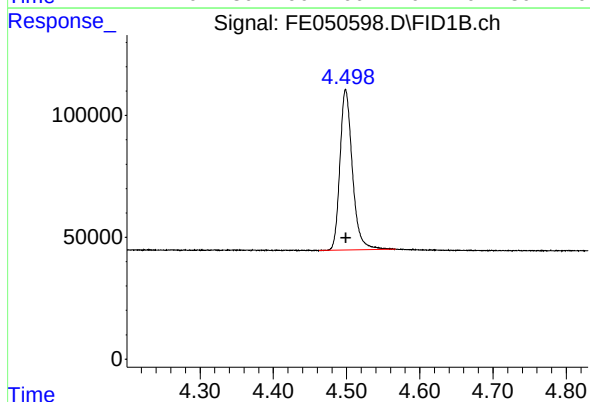




#1 N-OCTANE

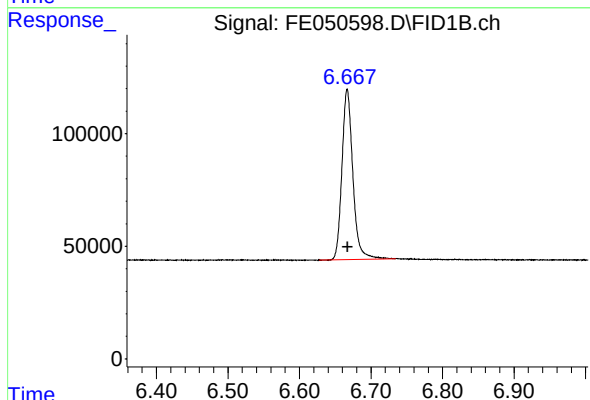
R.T.: 1.989 min
Delta R.T.: -0.003 min
Response: 736920
Conc: 4.92 ug/ml

Instrument :
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LOQ-WATER-05-QT4-2024



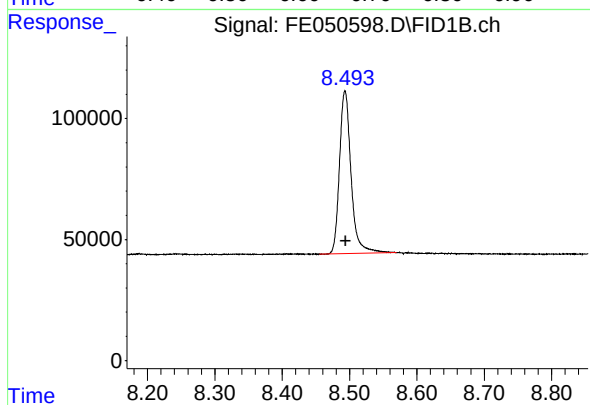
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 777267
Conc: 5.03 ug/ml



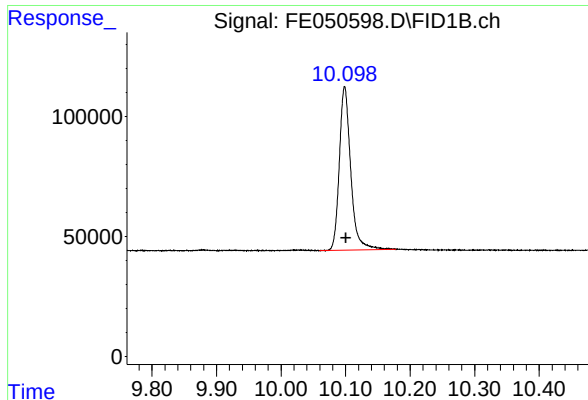
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 801485
Conc: 5.17 ug/ml



#4 N-TETRADECANE

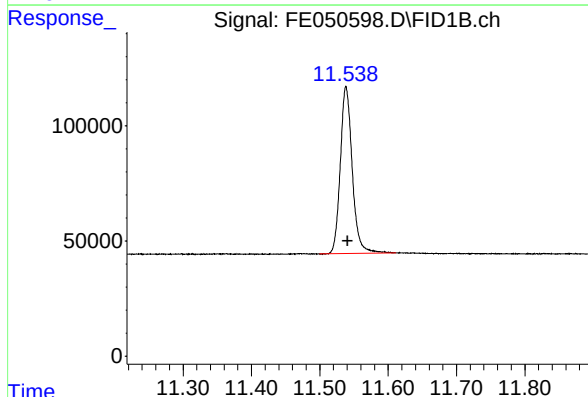
R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 803046
Conc: 5.11 ug/ml



#5 N-HEXADECANE

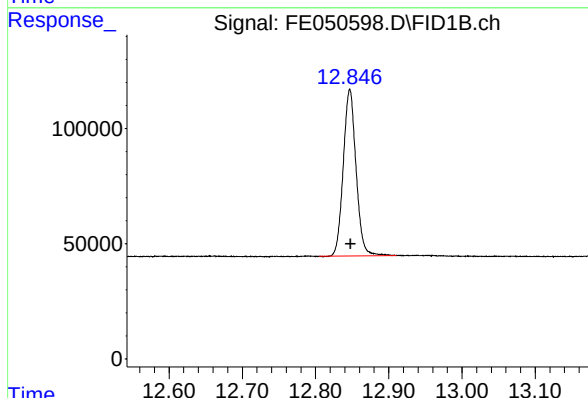
R.T.: 10.099 min
Delta R.T.: -0.002 min
Response: 835632
Conc: 5.32 ug/ml

Instrument :
FID_E
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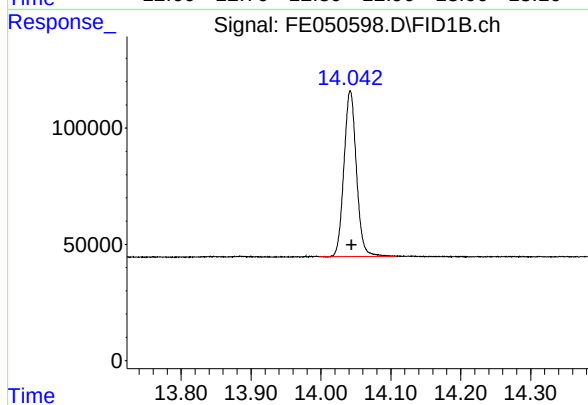
#6 N-OCTADECANE

R.T.: 11.538 min
Delta R.T.: -0.002 min
Response: 881277
Conc: 5.50 ug/ml



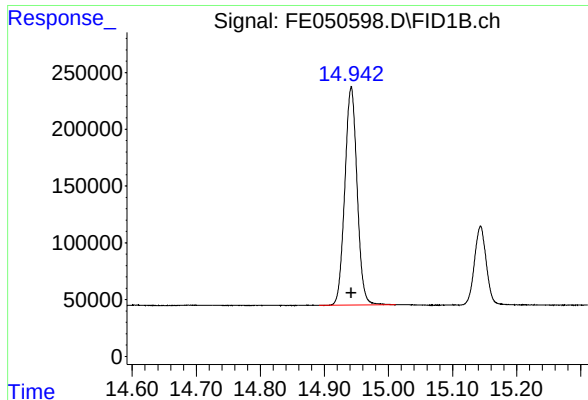
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: -0.001 min
Response: 878785
Conc: 5.43 ug/ml



#8 N-DOCOSANE

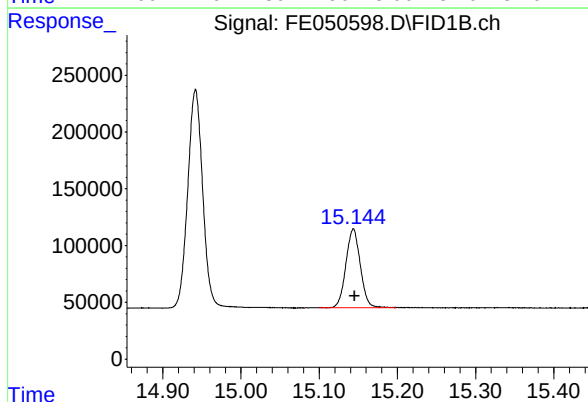
R.T.: 14.042 min
Delta R.T.: -0.002 min
Response: 880547
Conc: 5.62 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

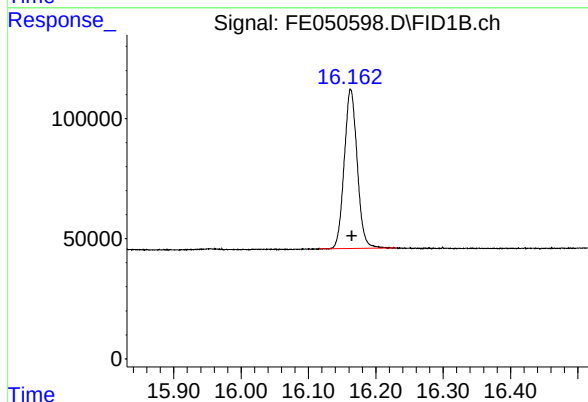
R.T.: 14.942 min
Delta R.T.: 0.000 min
Response: 2545393
Conc: 18.27 ug/ml

Instrument :
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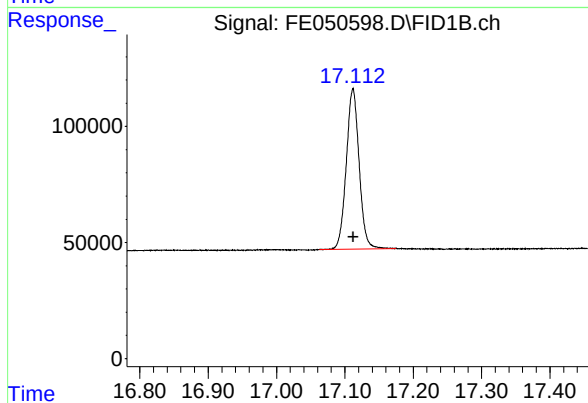
#10 N-TETRACOSANE

R.T.: 15.144 min
Delta R.T.: -0.001 min
Response: 886276
Conc: 5.65 ug/ml



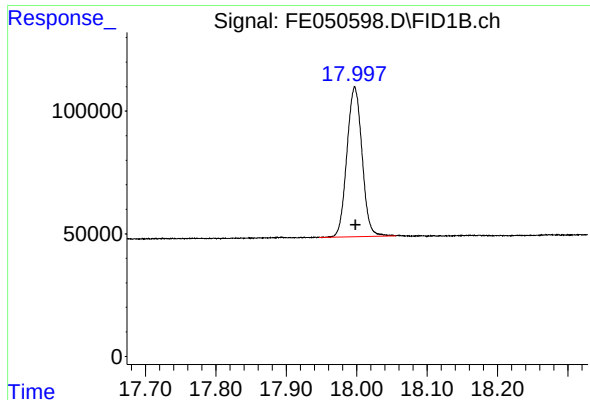
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 888713
Conc: 5.64 ug/ml



#12 N-OCTACOSANE

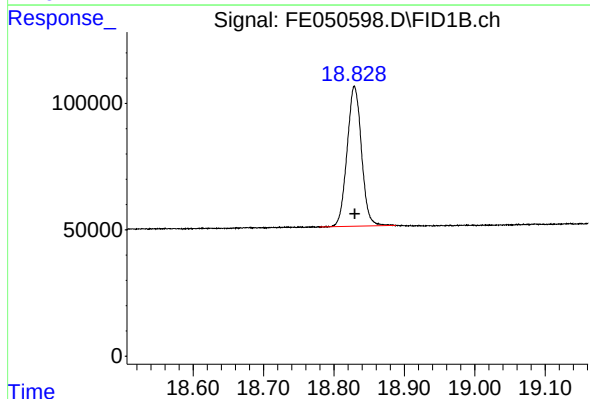
R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 904580
Conc: 5.66 ug/ml



#13 N-TRIACONTANE

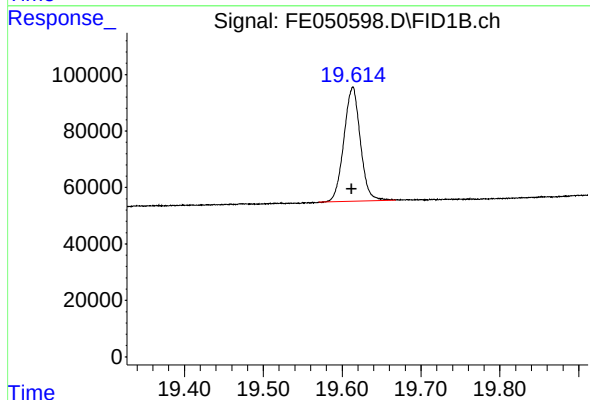
R.T.: 17.997 min
Delta R.T.: -0.001 min
Response: 910093
Conc: 5.41 ug/ml

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



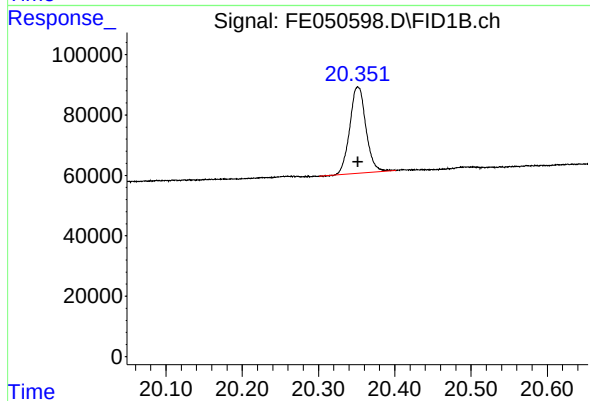
#14 N-DOTRIACONTANE

R.T.: 18.829 min
Delta R.T.: 0.000 min
Response: 788124
Conc: 4.53 ug/ml



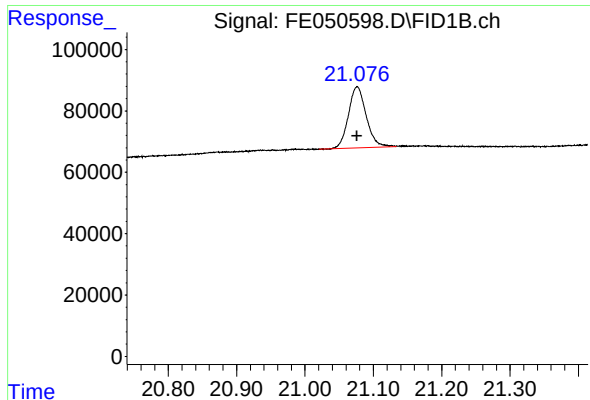
#15 N-TETRATRIACONTANE

R.T.: 19.614 min
Delta R.T.: 0.001 min
Response: 585952
Conc: 3.31 ug/ml



#16 N-HEXATRIACONTANE

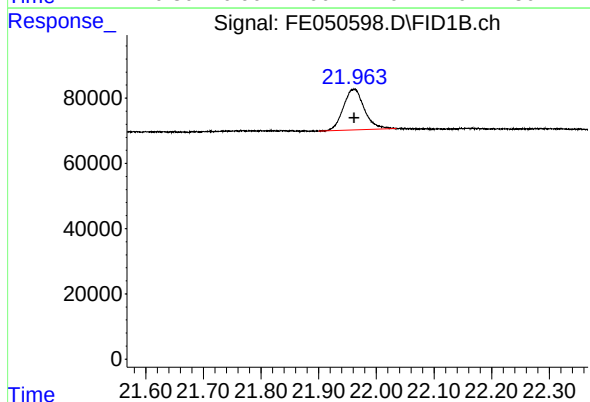
R.T.: 20.352 min
Delta R.T.: 0.000 min
Response: 420089
Conc: 2.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 357025
Conc: 2.12 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.962 min
Delta R.T.: 0.000 min
Response: 313839
Conc: 2.04 ug/ml