

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101821\
 Data File : FG008923.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2021 17:14
 Operator : AJ\MA
 Sample : M4068-10
 Misc : LOD 2.5 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 19 00:24:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 2021
 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...	14.740	1921269	16.645 ug/ml
Target Compounds			
1) N-OCTANE	2.339	271678	1.967 ug/ml
2) N-DECANE	4.440	283503	2.032 ug/ml
3) N-DODECANE	6.465	245212	1.739 ug/ml
4) N-TETRADECANE	8.271	225945	1.603 ug/ml
5) N-HEXADECANE	9.874	251032	1.793 ug/ml
6) N-OCTADECANE	11.320	271749	1.923 ug/ml
7) N-EICOSANE	12.633	286063	2.051 ug/ml
8) N-DOCOSANE	13.835	287588	2.132 ug/ml
10) N-TETRACOSANE	14.943	273174	2.080 ug/ml
11) N-HEXACOSANE	15.967	256186	2.046 ug/ml
12) N-OCTACOSANE	16.920	273533	2.295 ug/ml
13) N-TRIACONTANE	17.810	355648	3.136 ug/ml
14) N-DOTRIACONTANE	18.644	377970	3.563 ug/ml
15) N-TETRATRIACONTANE	19.430	307040	3.083 ug/mlm
16) N-HEXATRIACONTANE	20.171	264023	2.859 ug/mlm
17) N-OCTATRIACONTANE	20.924	153962	1.754 ug/ml
18) N-TETRACONTANE	21.867	179500	2.016 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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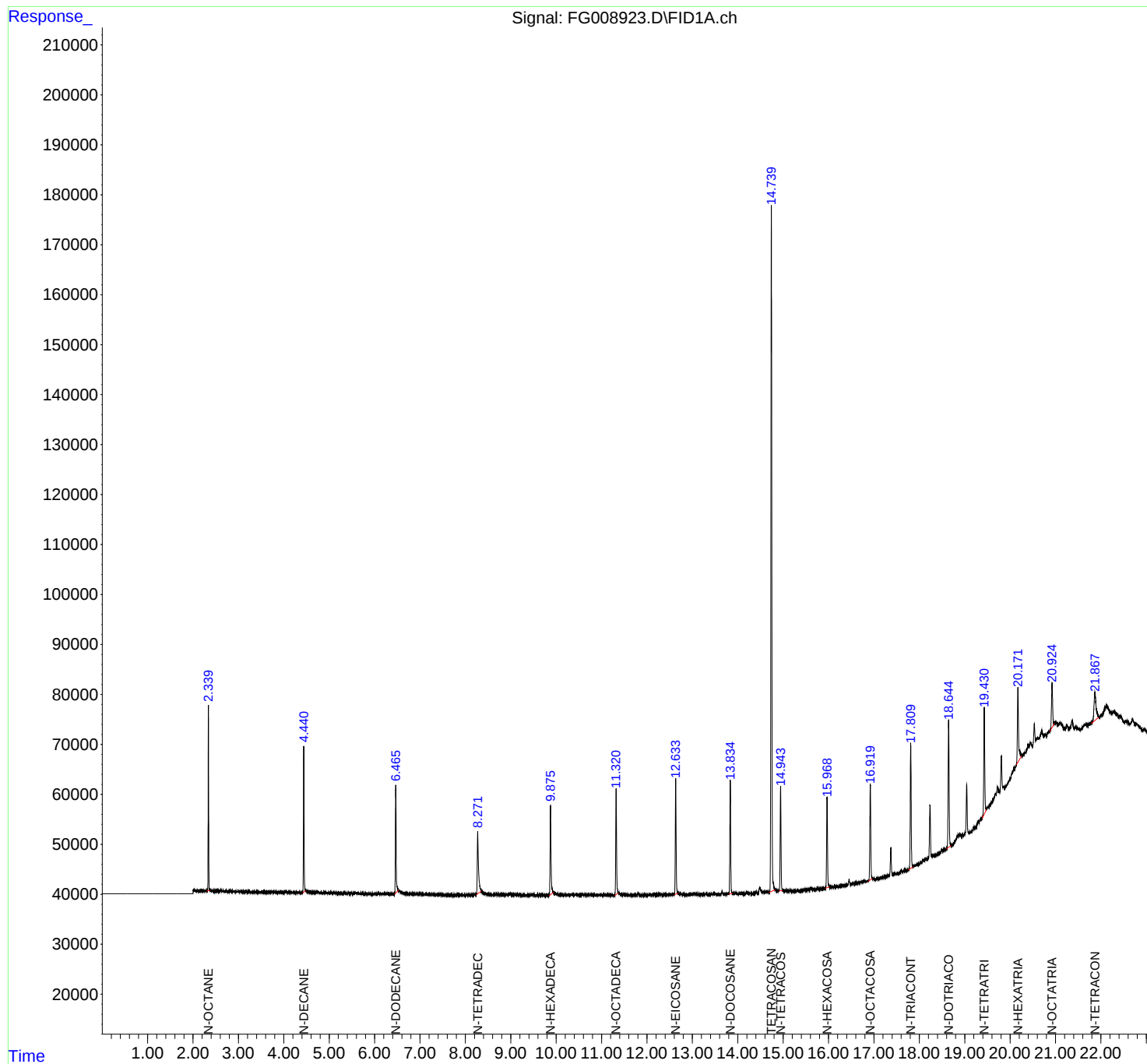
Instrument :
FID_G
Client Sampled :
LOD-MDL-WATER-04-QT4-2021

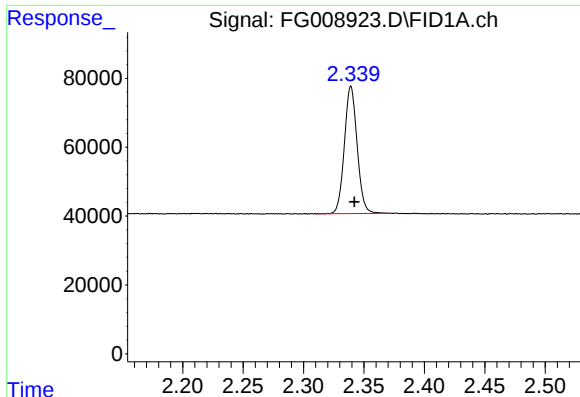
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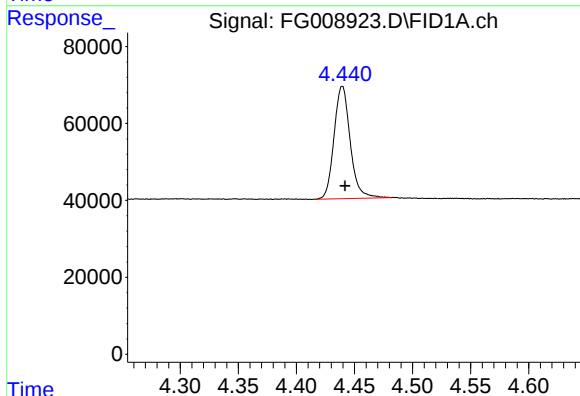
#1 N-OCTANE

R.T.: 2.339 min
Delta R.T.: -0.003 min
Response: 271678
Conc: 1.97 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-04-QT4-2021

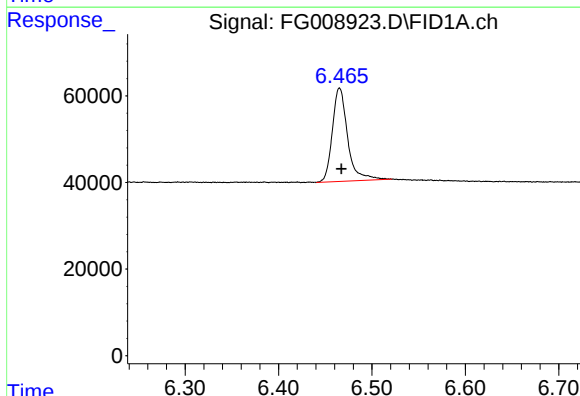
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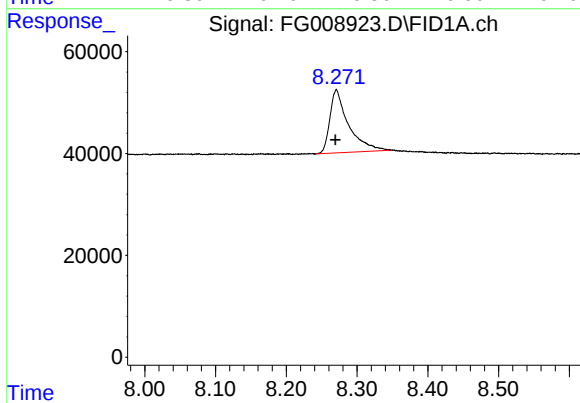
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: -0.002 min
Response: 283503
Conc: 2.03 ug/ml



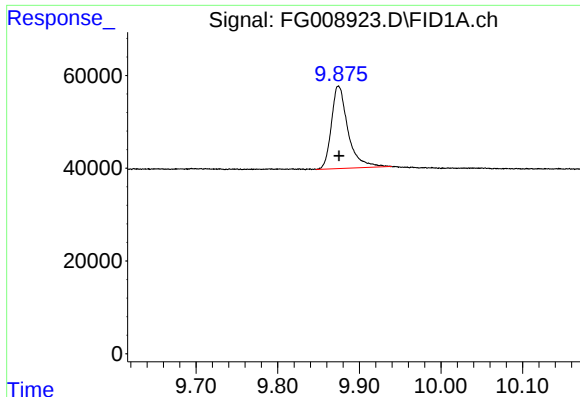
#3 N-DODECANE

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 245212
Conc: 1.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.271 min
Delta R.T.: 0.002 min
Response: 225945
Conc: 1.60 ug/ml



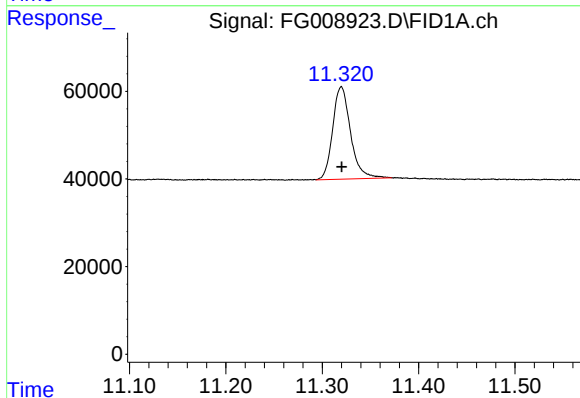
#5 N-HEXADECANE

R.T.: 9.874 min
Delta R.T.: 0.000 min
Response: 251032
Conc: 1.79 ug/ml

Instrument :
FID_G
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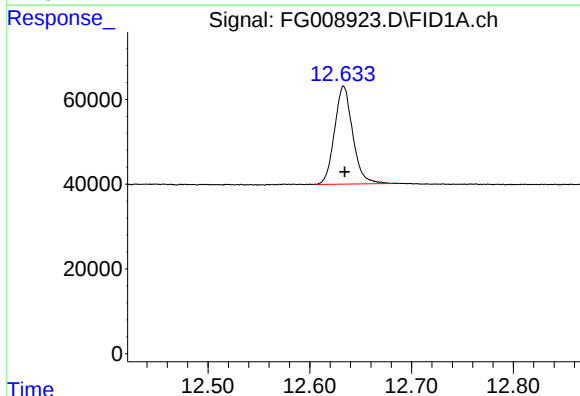
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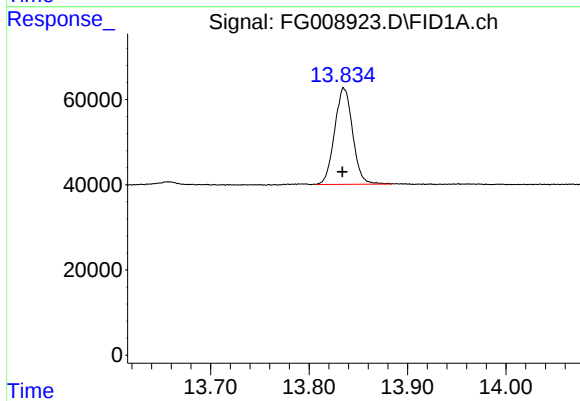
#6 N-OCTADECANE

R.T.: 11.320 min
Delta R.T.: 0.000 min
Response: 271749
Conc: 1.92 ug/ml



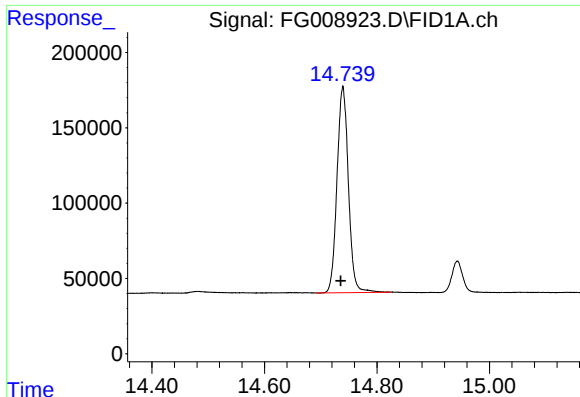
#7 N-EICOSANE

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 286063
Conc: 2.05 ug/ml



#8 N-DOCOSANE

R.T.: 13.835 min
Delta R.T.: 0.000 min
Response: 287588
Conc: 2.13 ug/ml



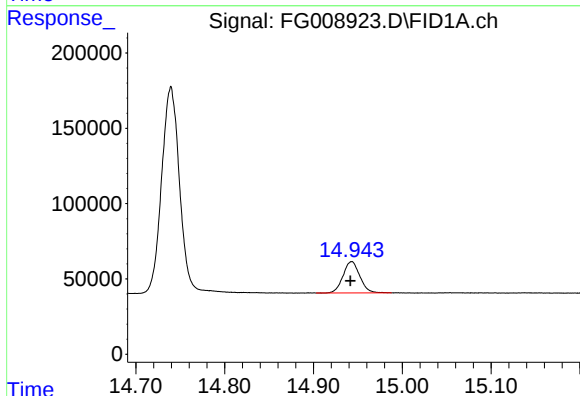
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: 0.004 min
Response: 1921269
Conc: 16.64 ug/ml

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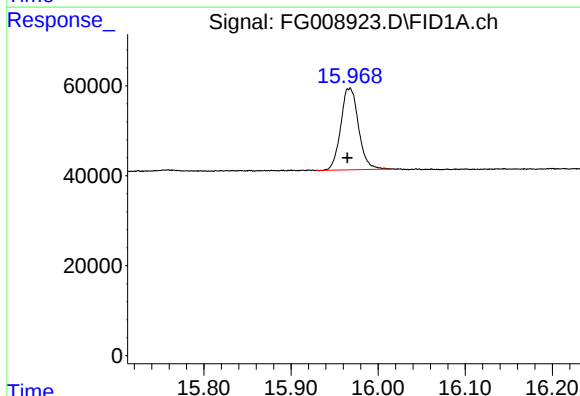
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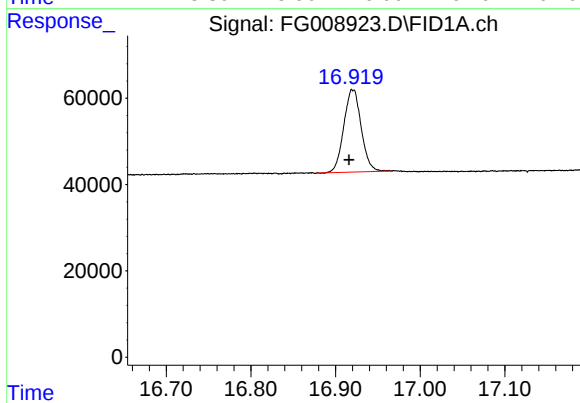
#10 N-TETRACOSANE

R.T.: 14.943 min
Delta R.T.: 0.002 min
Response: 273174
Conc: 2.08 ug/ml



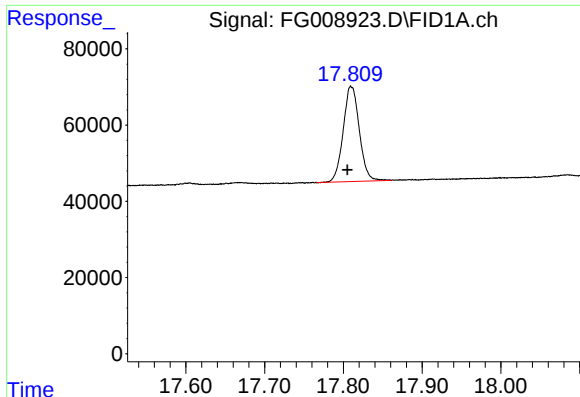
#11 N-HEXACOSANE

R.T.: 15.967 min
Delta R.T.: 0.002 min
Response: 256186
Conc: 2.05 ug/ml



#12 N-OCTACOSANE

R.T.: 16.920 min
Delta R.T.: 0.004 min
Response: 273533
Conc: 2.30 ug/ml



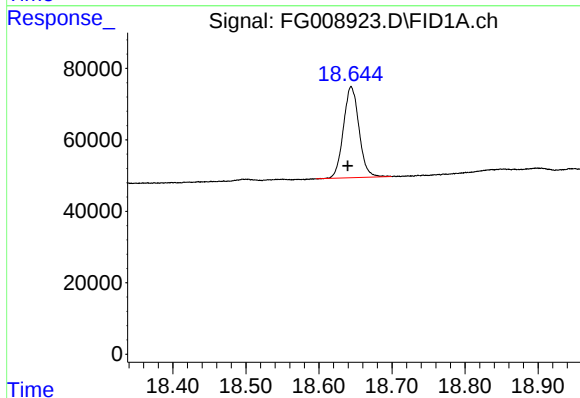
#13 N-TRIACONTANE

R.T.: 17.810 min
Delta R.T.: 0.005 min
Response: 355648
Conc: 3.14 ug/ml

Instrument :
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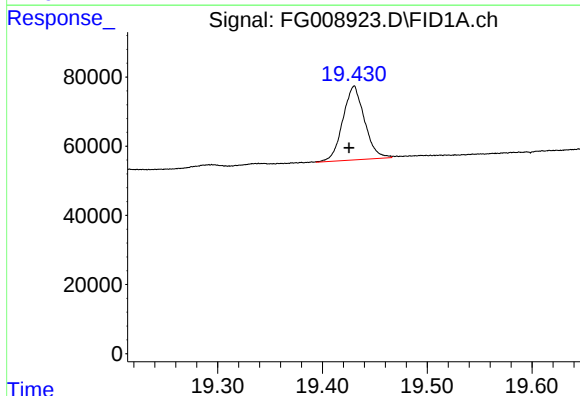
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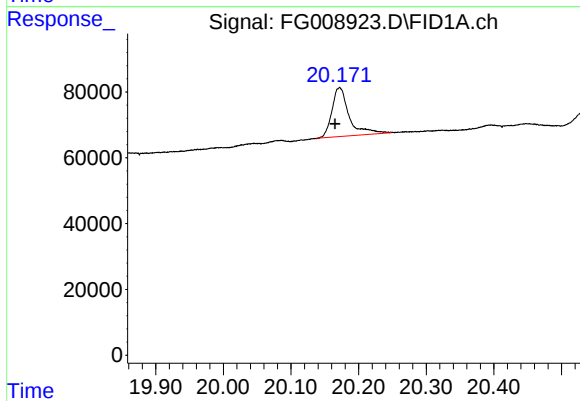
#14 N-DOTRIACONTANE

R.T.: 18.644 min
Delta R.T.: 0.005 min
Response: 377970
Conc: 3.56 ug/ml



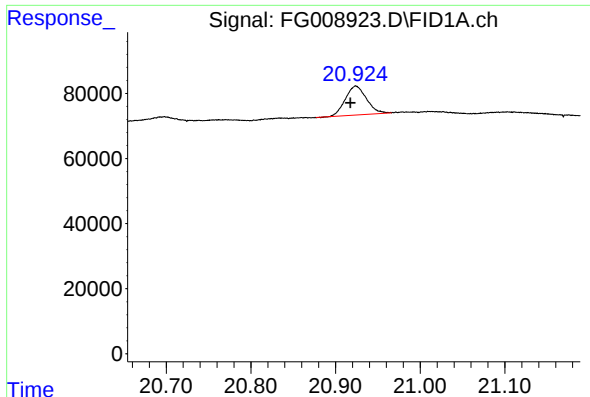
#15 N-TETRATRIACONTANE

R.T.: 19.430 min
Delta R.T.: 0.005 min
Response: 307040
Conc: 3.08 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.171 min
Delta R.T.: 0.006 min
Response: 264023
Conc: 2.86 ug/ml m



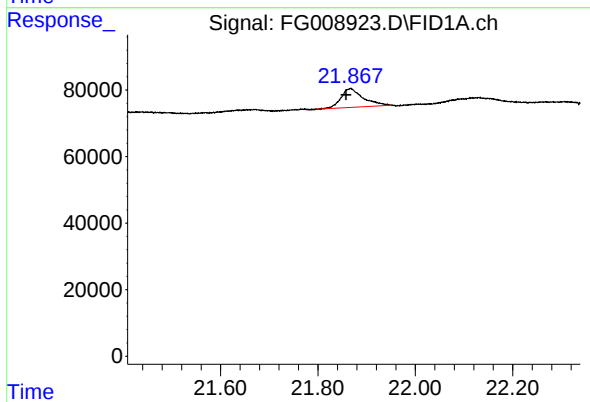
#17 N-OCTATRIACONTANE

R.T.: 20.924 min
Delta R.T.: 0.006 min
Response: 153962
Conc: 1.75 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.867 min
Delta R.T.: 0.010 min
Response: 179500
Conc: 2.02 ug/ml