

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101821\
 Data File : FG008922.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2021 16:43
 Operator : AJ\MA
 Sample : M4068-10
 Misc : LOD 1 PPM
 ALS Vial : 10 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 00:24:37 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	1867495	16.179 ug/ml
Target Compounds			
1) N-OCTANE	2.339	108452	0.785 ug/ml
2) N-DECANE	4.440	100685	0.722 ug/ml
3) N-DODECANE	6.466	70759	0.502 ug/ml
4) N-TETRADECANE	8.275	56414	0.400 ug/mlm
5) N-HEXADECANE	9.877	80175	0.573 ug/ml
6) N-OCTADECANE	11.321	98223	0.695 ug/ml
7) N-EICOSANE	12.633	107585	0.771 ug/ml
8) N-DOCOSANE	13.835	112095	0.831 ug/mlm
10) N-TETRACOSANE	14.944	107906	0.822 ug/ml
11) N-HEXACOSANE	15.969	105707	0.844 ug/ml
12) N-OCTACOSANE	16.922	123610	1.037 ug/ml
13) N-TRIACONTANE	17.811	186929	1.648 ug/ml
14) N-DOTRIACONTANE	18.645	214811	2.025 ug/ml
15) N-TETRATRIACONTANE	19.432	162658	1.633 ug/ml
16) N-HEXATRIACONTANE	20.172	133693	1.448 ug/mlm
17) N-OCTATRIACONTANE	20.923	83409	0.950 ug/mlm
18) N-TETRACONTANE	21.868	220694	2.478 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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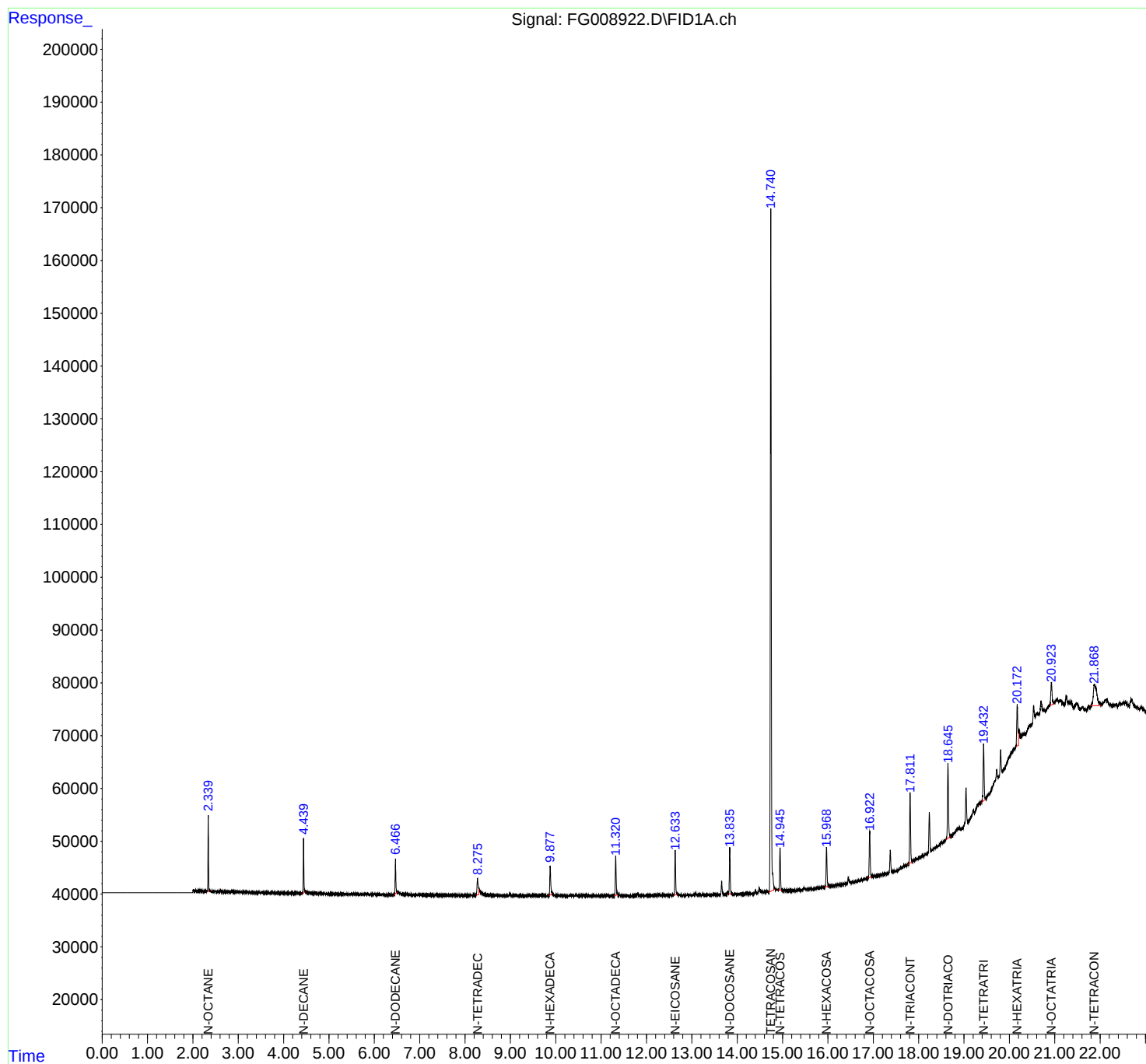
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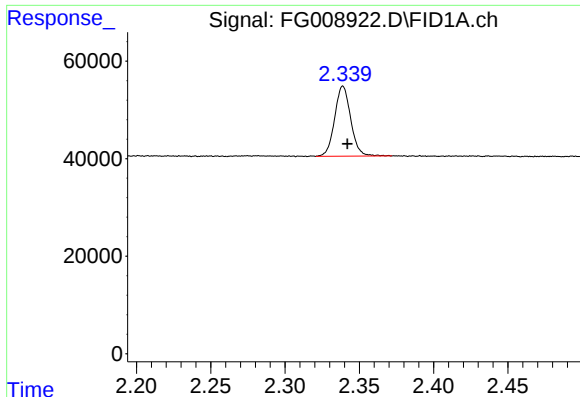
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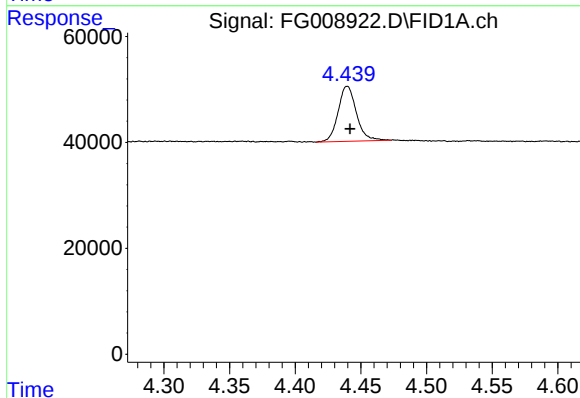
#1 N-OCTANE

R.T.: 2.339 min
Delta R.T.: -0.003 min
Response: 108452
Conc: 0.79 ug/ml

Instrument :
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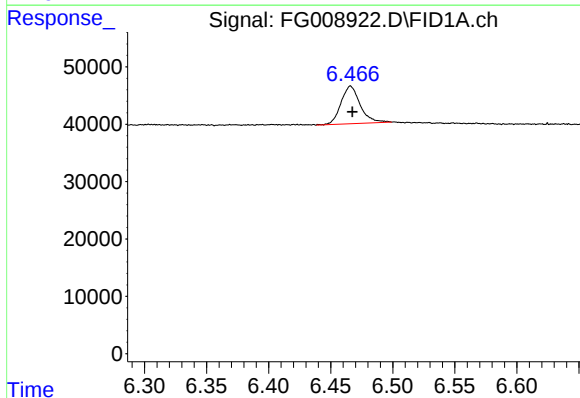
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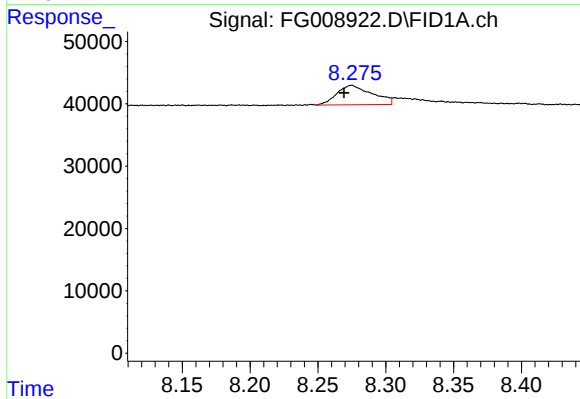
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: -0.002 min
Response: 100685
Conc: 0.72 ug/ml



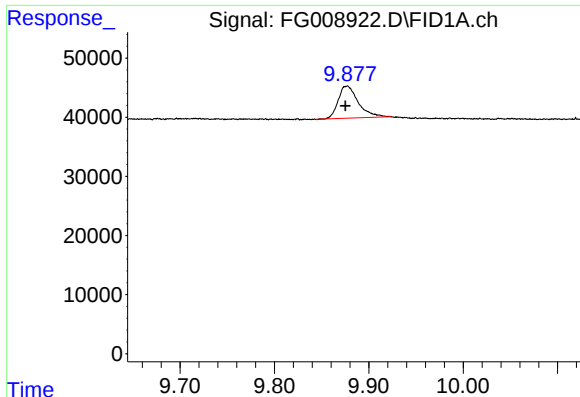
#3 N-DODECANE

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 70759
Conc: 0.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.275 min
Delta R.T.: 0.006 min
Response: 56414
Conc: 0.40 ug/ml m



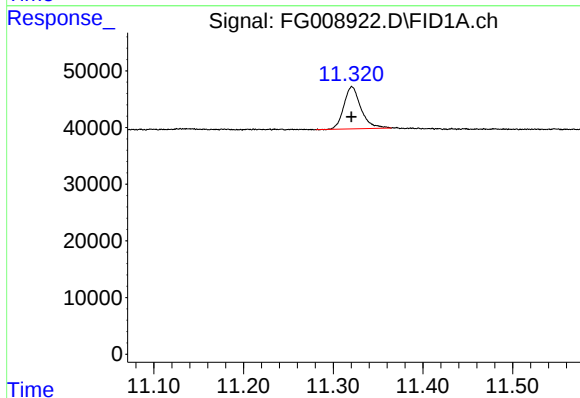
#5 N-HEXADECANE

R.T.: 9.877 min
Delta R.T.: 0.001 min
Response: 80175
Conc: 0.57 ug/ml

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

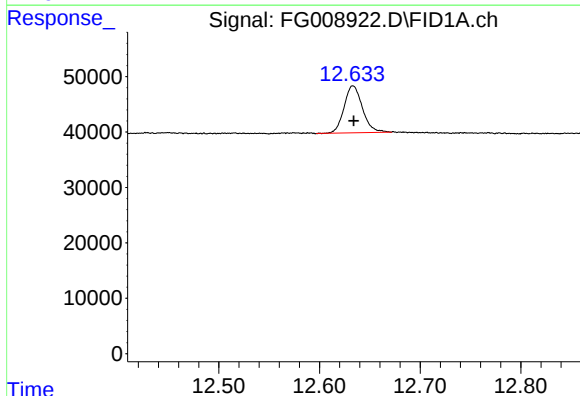
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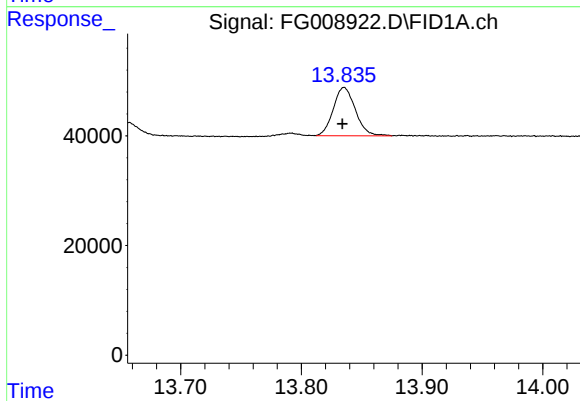
#6 N-OCTADECANE

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 98223
Conc: 0.70 ug/ml



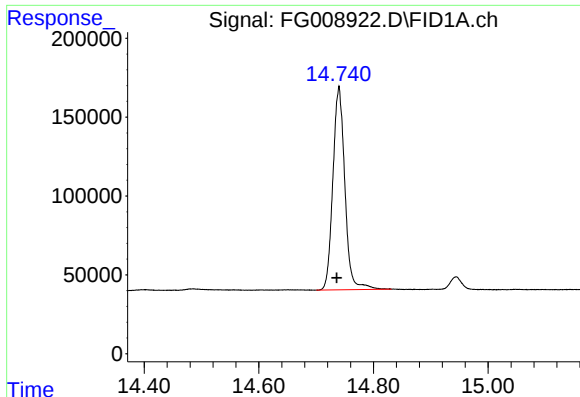
#7 N-EICOSANE

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 107585
Conc: 0.77 ug/ml



#8 N-DOCOSANE

R.T.: 13.835 min
Delta R.T.: 0.001 min
Response: 112095
Conc: 0.83 ug/ml m



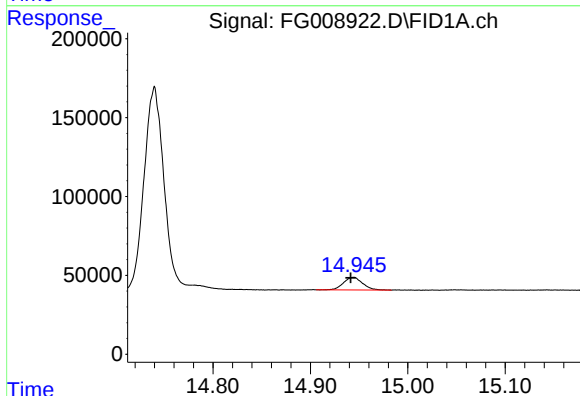
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: 0.004 min
Response: 1867495
Conc: 16.18 ug/ml

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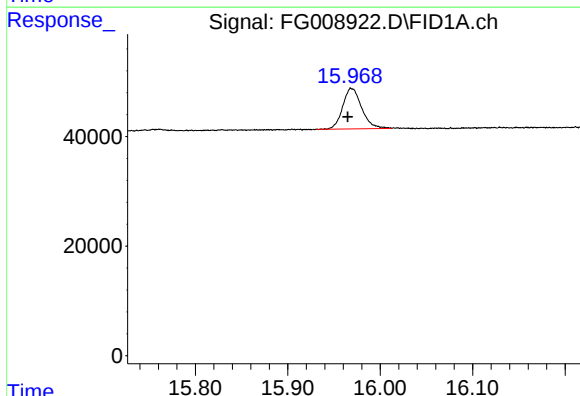
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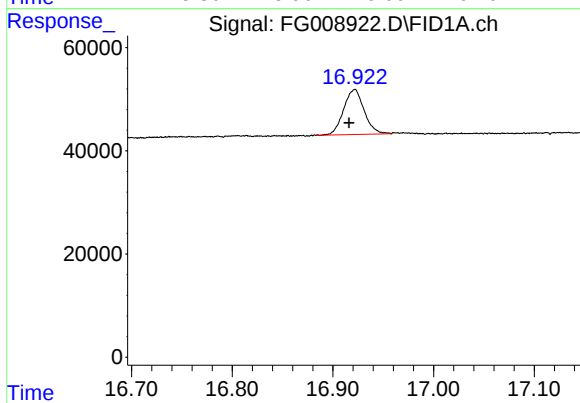
#10 N-TETRACOSANE

R.T.: 14.944 min
Delta R.T.: 0.003 min
Response: 107906
Conc: 0.82 ug/ml



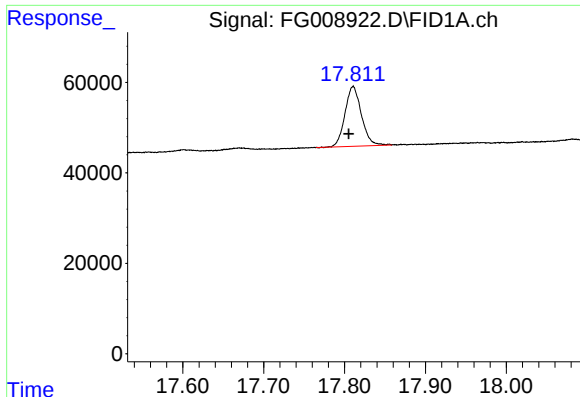
#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: 0.004 min
Response: 105707
Conc: 0.84 ug/ml



#12 N-OCTACOSANE

R.T.: 16.922 min
Delta R.T.: 0.006 min
Response: 123610
Conc: 1.04 ug/ml



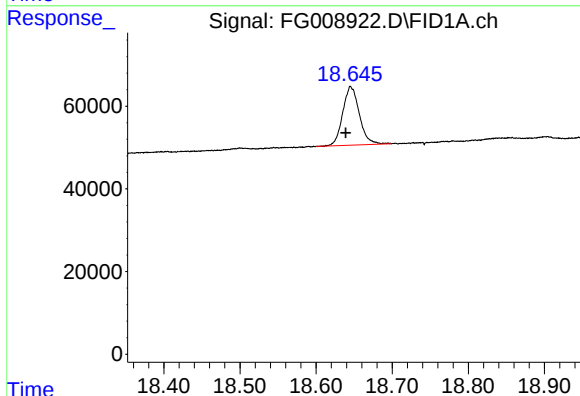
#13 N-TRIACONTANE

R.T.: 17.811 min
Delta R.T.: 0.006 min
Response: 186929
Conc: 1.65 ug/ml

Instrument :
FID_G
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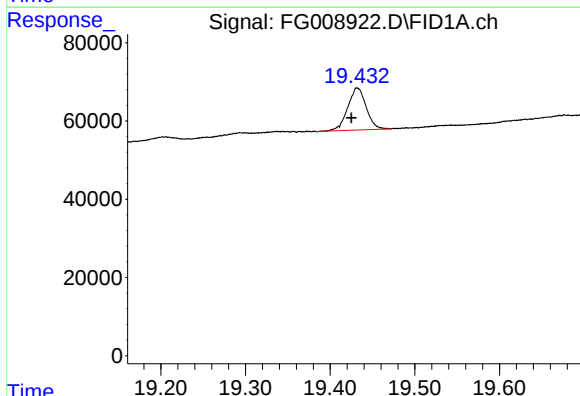
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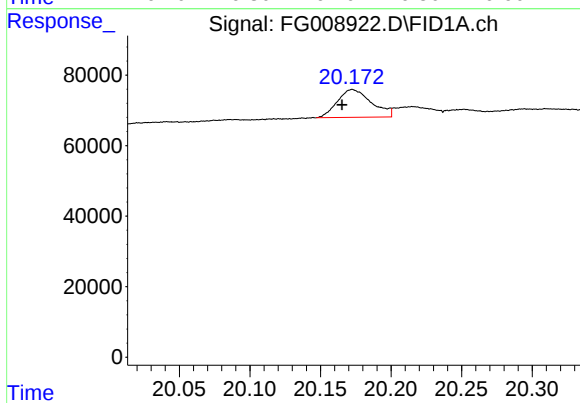
#14 N-DOTRIACONTANE

R.T.: 18.645 min
Delta R.T.: 0.006 min
Response: 214811
Conc: 2.03 ug/ml



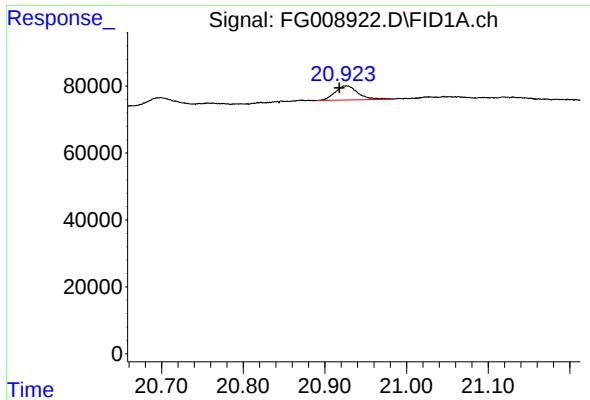
#15 N-TETRATRIACONTANE

R.T.: 19.432 min
Delta R.T.: 0.007 min
Response: 162658
Conc: 1.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.172 min
Delta R.T.: 0.007 min
Response: 133693
Conc: 1.45 ug/ml m



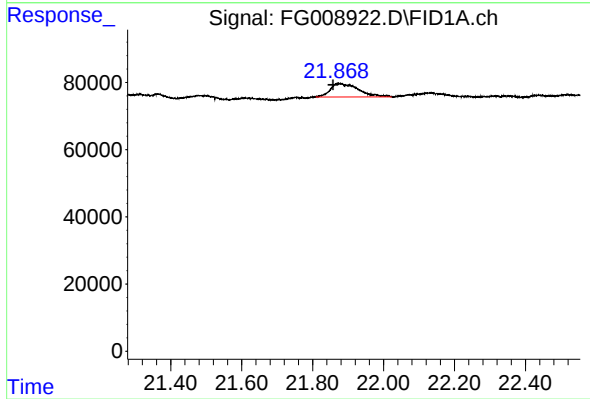
#17 N-OCTATRIACONTANE

R.T.: 20.923 min
Delta R.T.: 0.005 min
Response: 83409
Conc: 0.95 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.868 min
Delta R.T.: 0.010 min
Response: 220694
Conc: 2.48 ug/ml m