

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051021\
 Data File : FG008032.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2021 13:38
 Operator : DD\AJ
 Sample : M2262-04
 Misc : LOD-SOIL- 1 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2021

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 11 02:56:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042121.M
 Quant Title :
 QLast Update : Thu Apr 22 01:54:01 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...	14.784	2425396	18.218 ug/ml
Target Compounds			
1) N-OCTANE	2.369	195241	1.316 ug/ml
2) N-DECANE	4.480	235283	1.556 ug/ml
3) N-DODECANE	6.507	235016	1.536 ug/ml
4) N-TETRADECANE	8.310	237140	1.519 ug/ml
5) N-HEXADECANE	9.916	237307	1.532 ug/ml
6) N-OCTADECANE	11.362	236503	1.504 ug/ml
7) N-EICOSANE	12.677	235920	1.522 ug/ml
8) N-DOCOSANE	13.879	226496	1.474 ug/ml
10) N-TETRACOSANE	14.987	226039	1.486 ug/ml
11) N-HEXACOSANE	16.011	208061	1.397 ug/ml
12) N-OCTACOSANE	16.963	211531	1.444 ug/ml
13) N-TRIACONTANE	17.854	226910	1.587 ug/ml
14) N-DOTRIACONTANE	18.689	239566	1.756 ug/ml
15) N-TETRATRIACONTANE	19.474	227593	1.771 ug/ml
16) N-HEXATRIACONTANE	20.217	229885	1.964 ug/mlm
17) N-OCTATRIACONTANE	20.976	202814	1.873 ug/ml
18) N-TETRACONTANE	21.938	180141	1.644 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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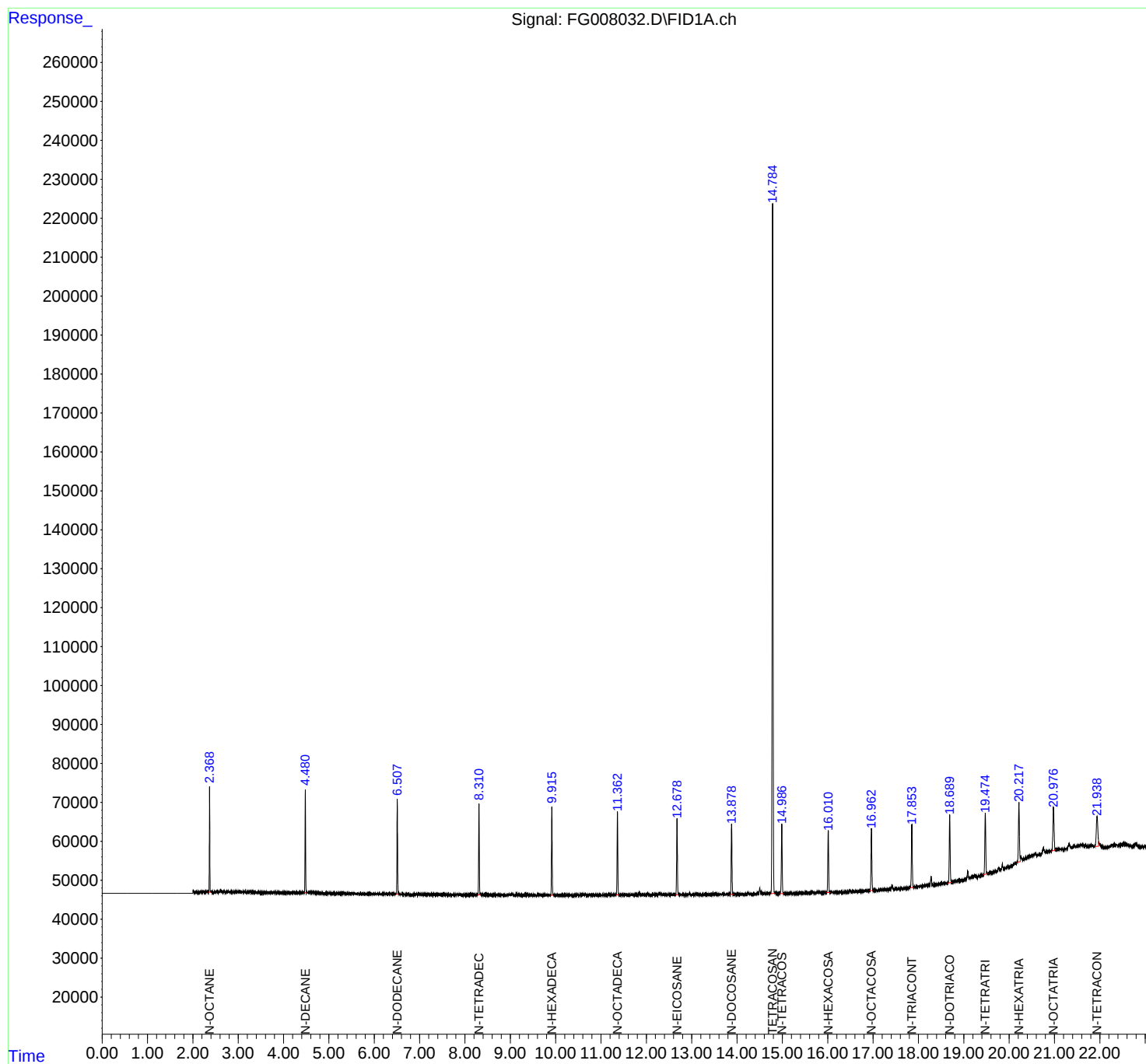
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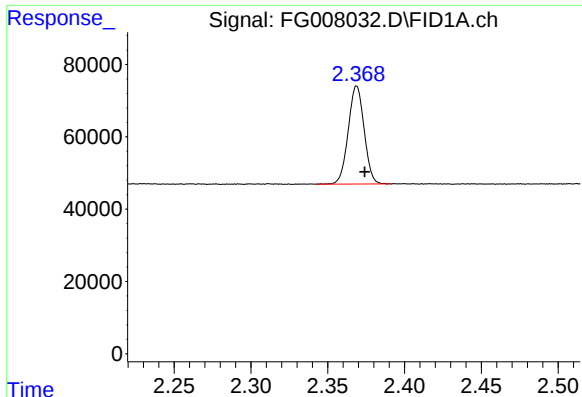
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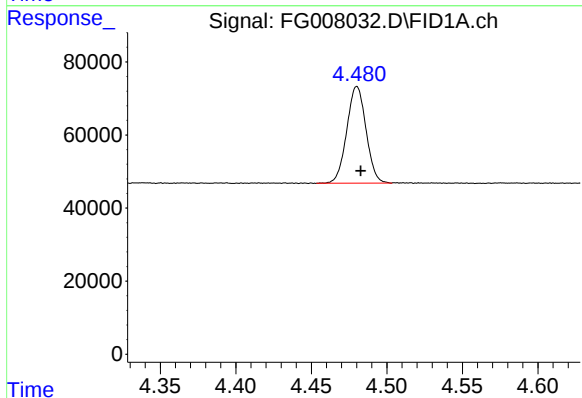
#1 N-OCTANE

R.T.: 2.369 min
Delta R.T.: -0.005 min
Response: 195241
Conc: 1.32 ug/ml

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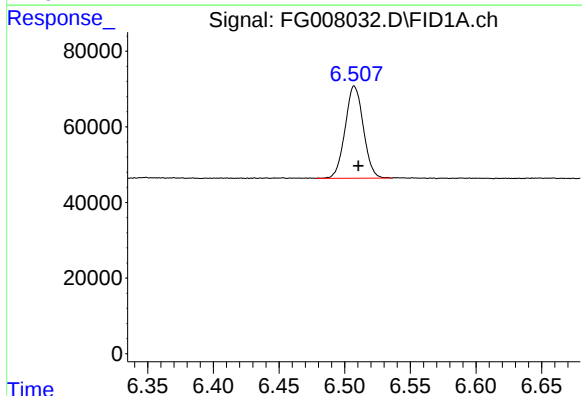
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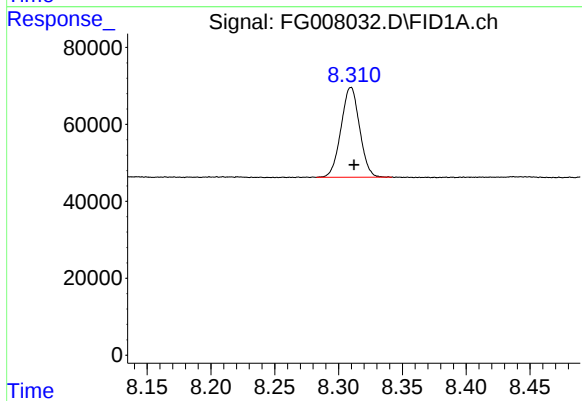
#2 N-DECANE

R.T.: 4.480 min
Delta R.T.: -0.002 min
Response: 235283
Conc: 1.56 ug/ml



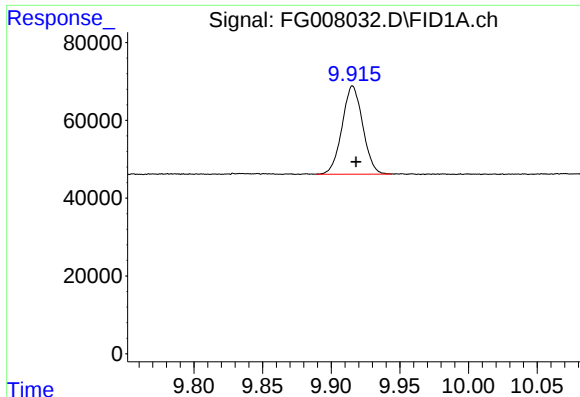
#3 N-DODECANE

R.T.: 6.507 min
Delta R.T.: -0.003 min
Response: 235016
Conc: 1.54 ug/ml



#4 N-TETRADECANE

R.T.: 8.310 min
Delta R.T.: -0.002 min
Response: 237140
Conc: 1.52 ug/ml



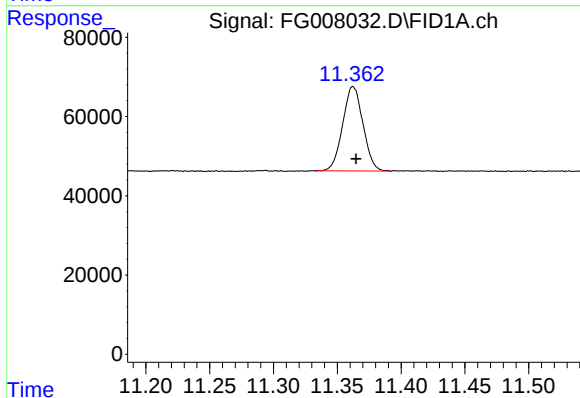
#5 N-HEXADECANE

R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 237307
Conc: 1.53 ug/ml

Instrument :
FID_G
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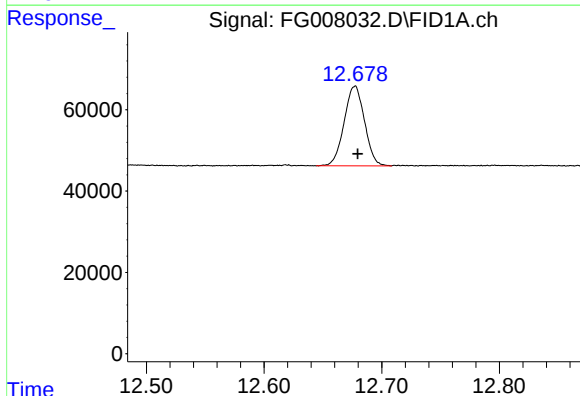
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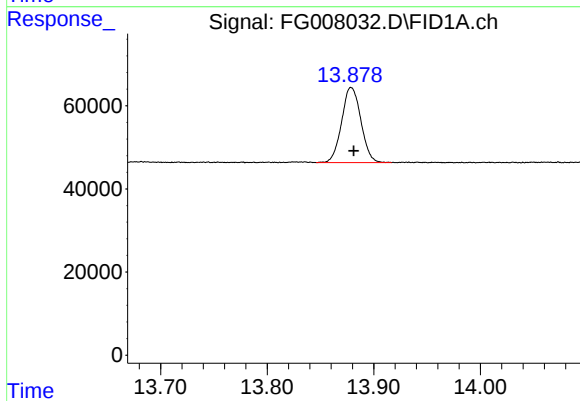
#6 N-OCTADECANE

R.T.: 11.362 min
Delta R.T.: -0.002 min
Response: 236503
Conc: 1.50 ug/ml



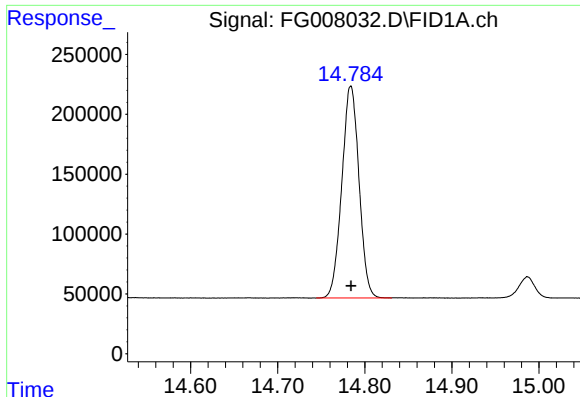
#7 N-EICOSANE

R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 235920
Conc: 1.52 ug/ml



#8 N-DOCOSANE

R.T.: 13.879 min
Delta R.T.: -0.003 min
Response: 226496
Conc: 1.47 ug/ml



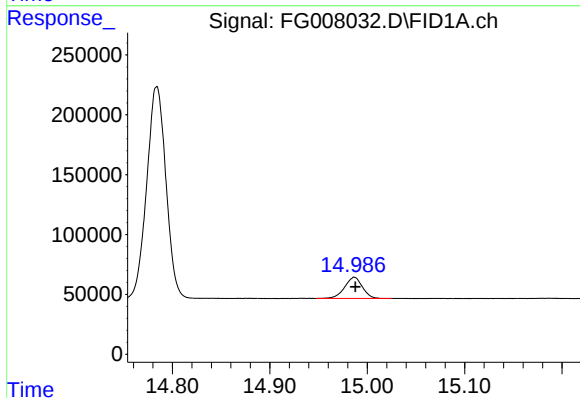
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 2425396
Conc: 18.22 ug/ml

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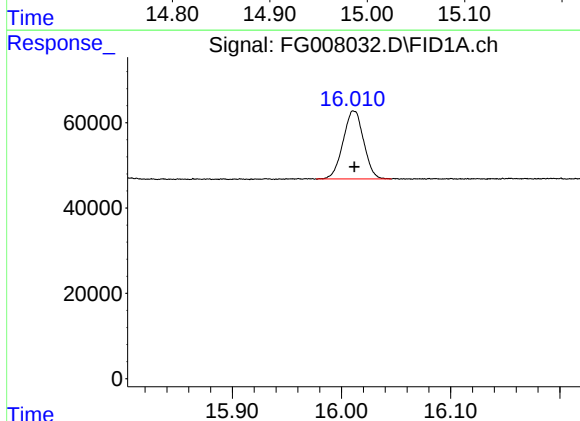
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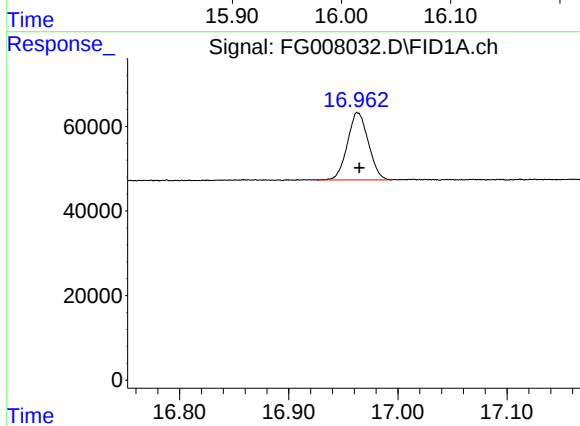
#10 N-TETRACOSANE

R.T.: 14.987 min
Delta R.T.: -0.001 min
Response: 226039
Conc: 1.49 ug/ml



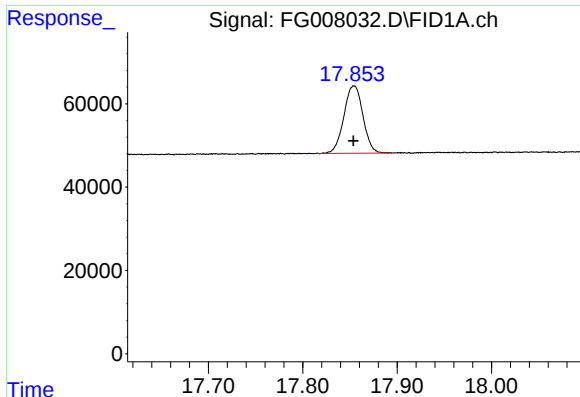
#11 N-HEXACOSANE

R.T.: 16.011 min
Delta R.T.: 0.000 min
Response: 208061
Conc: 1.40 ug/ml



#12 N-OCTACOSANE

R.T.: 16.963 min
Delta R.T.: -0.002 min
Response: 211531
Conc: 1.44 ug/ml



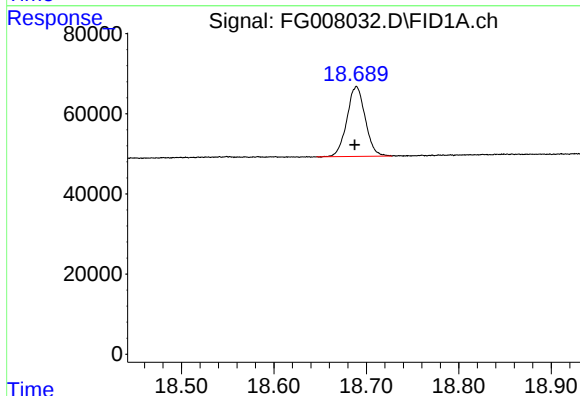
#13 N-TRIACONTANE

R.T.: 17.854 min
Delta R.T.: 0.000 min
Response: 226910
Conc: 1.59 ug/ml

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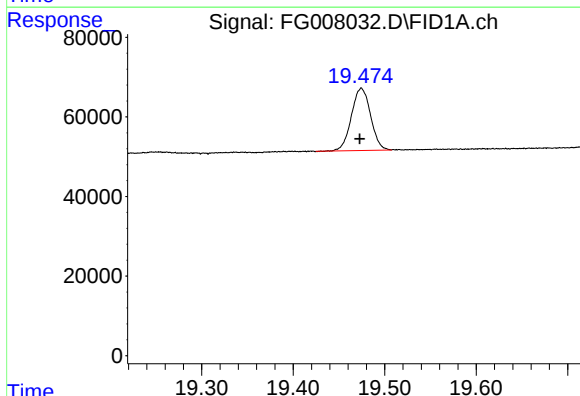
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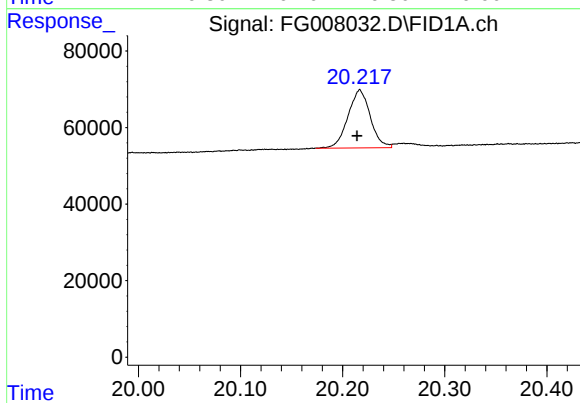
#14 N-DOTRIACONTANE

R.T.: 18.689 min
Delta R.T.: 0.002 min
Response: 239566
Conc: 1.76 ug/ml



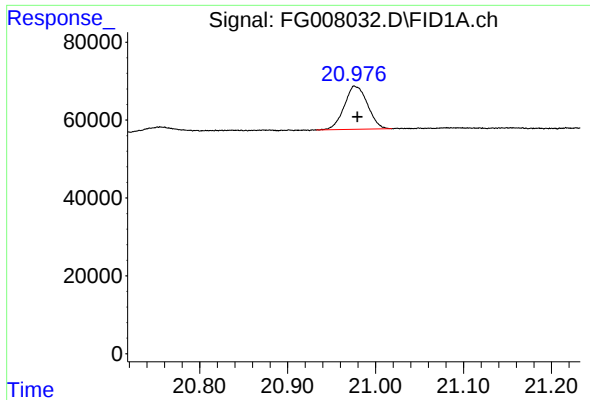
#15 N-TETRATRIACONTANE

R.T.: 19.474 min
Delta R.T.: 0.002 min
Response: 227593
Conc: 1.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.217 min
Delta R.T.: 0.003 min
Response: 229885
Conc: 1.96 ug/ml m



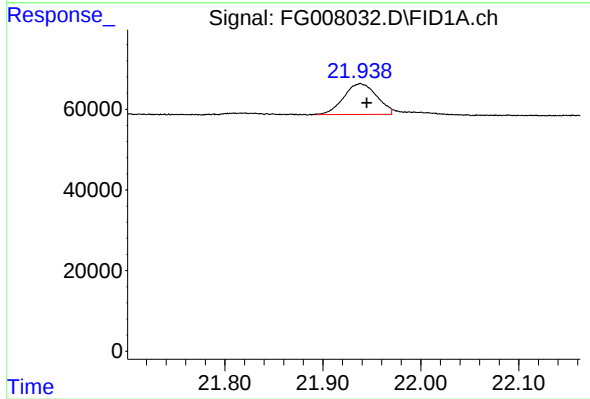
#17 N-OCTATRIACONTANE

R.T.: 20.976 min
Delta R.T.: -0.003 min
Response: 202814
Conc: 1.87 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.938 min
Delta R.T.: -0.007 min
Response: 180141
Conc: 1.64 ug/ml m