

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101521\
 Data File : FG008898.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2021 20:42
 Operator : AJ\MA
 Sample : M4089-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20-SB-2-20211005-18.5-19.0MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 16 00:53:38 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...	14.738	2114821	18.322 ug/ml
Target Compounds			
1) N-OCTANE	2.336	2239739	16.214 ug/ml
2) N-DECANE	4.439	2781353	19.936 ug/ml
3) N-DODECANE	6.466	2974943	21.098 ug/ml
4) N-TETRADECANE	8.267	3059298	21.701 ug/ml
5) N-HEXADECANE	9.873	3120468	22.283 ug/ml
6) N-OCTADECANE	11.320	3054132	21.611 ug/ml
7) N-EICOSANE	12.635	3171336	22.740 ug/ml
8) N-DOCOSANE	13.837	3241694	24.034 ug/ml
10) N-TETRACOSANE	14.942	4619052	35.178 ug/ml
11) N-HEXACOSANE	15.968	2958833	23.636 ug/ml
12) N-OCTACOSANE	16.920	3327962	27.928 ug/ml
13) N-TRIACONTANE	17.810	2707532	23.871 ug/mlm
14) N-DOTRIACONTANE	18.645	2478965	23.370 ug/mlm
15) N-TETRATRIACONTANE	19.428	1944443	19.523 ug/mlm
16) N-HEXATRIACONTANE	20.172	1546245	16.742 ug/mlm
17) N-OCTATRIACONTANE	20.925	1296608	14.771 ug/mlm
18) N-TETRACONTANE	21.869	1634292	18.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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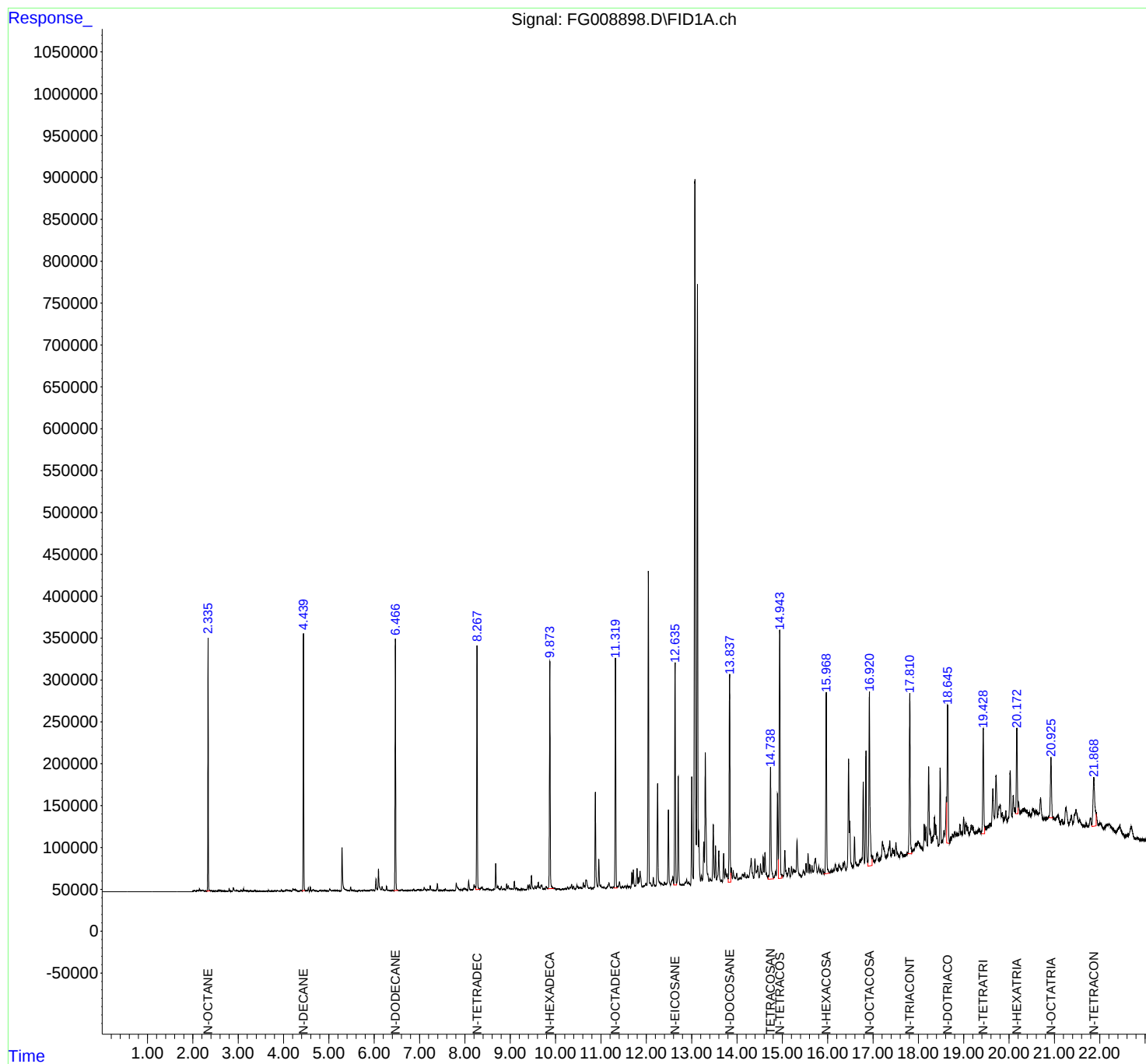
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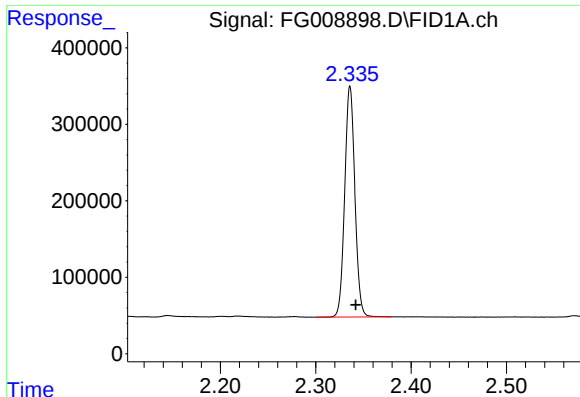
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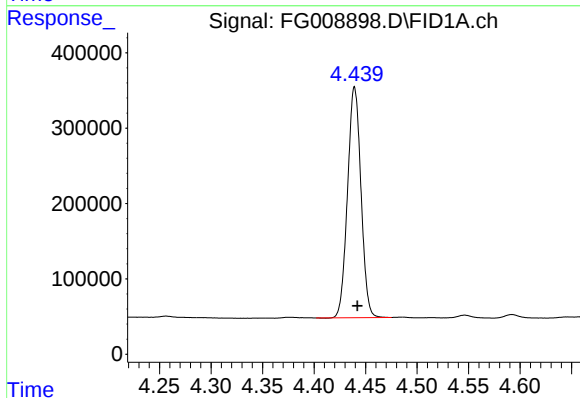
#1 N-OCTANE

R.T.: 2.336 min
Delta R.T.: -0.006 min
Response: 2239739
Conc: 16.21 ug/ml

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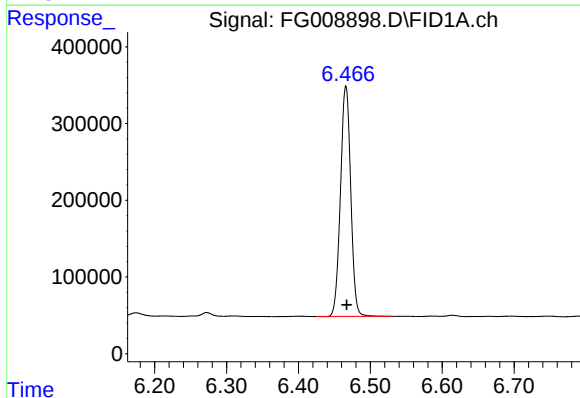
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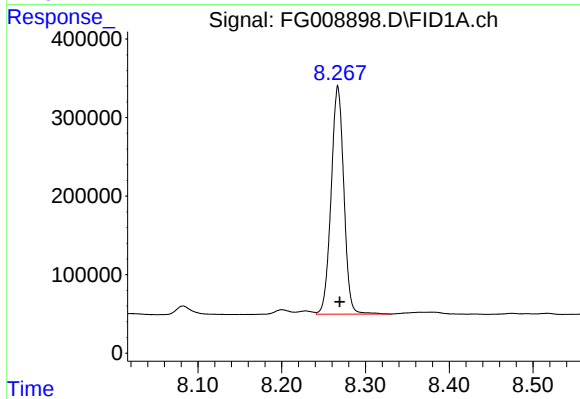
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.003 min
Response: 2781353
Conc: 19.94 ug/ml



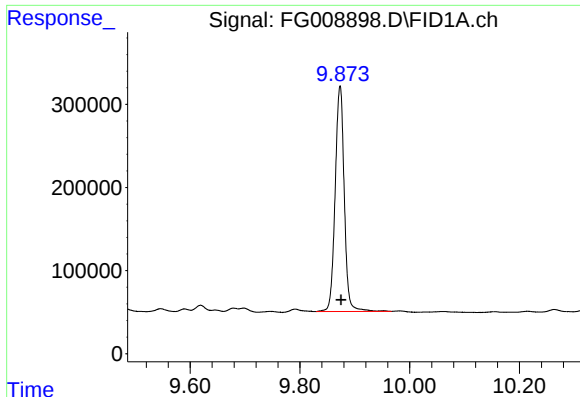
#3 N-DODECANE

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 2974943
Conc: 21.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 3059298
Conc: 21.70 ug/ml



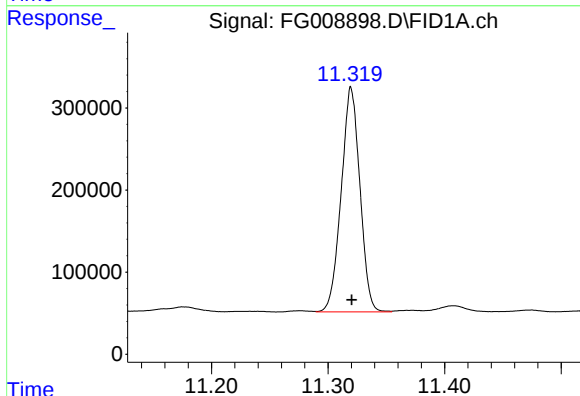
#5 N-HEXADECANE

R.T.: 9.873 min
Delta R.T.: -0.002 min
Response: 3120468
Conc: 22.28 ug/ml

Instrument :
FID_G
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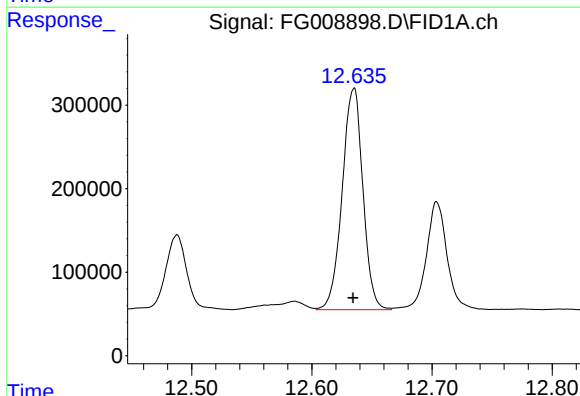
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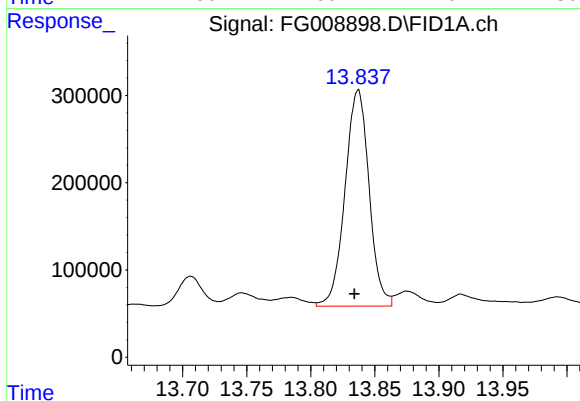
#6 N-OCTADECANE

R.T.: 11.320 min
Delta R.T.: 0.000 min
Response: 3054132
Conc: 21.61 ug/ml



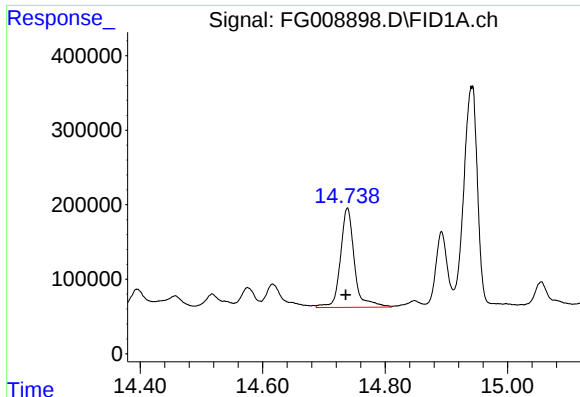
#7 N-EICOSANE

R.T.: 12.635 min
Delta R.T.: 0.000 min
Response: 3171336
Conc: 22.74 ug/ml



#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: 0.003 min
Response: 3241694
Conc: 24.03 ug/ml



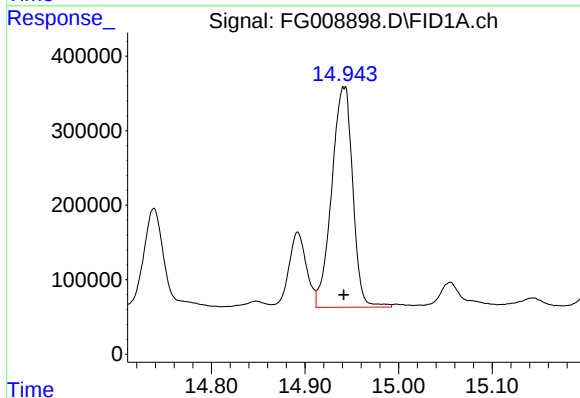
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.738 min
Delta R.T.: 0.003 min
Response: 2114821
Conc: 18.32 ug/ml

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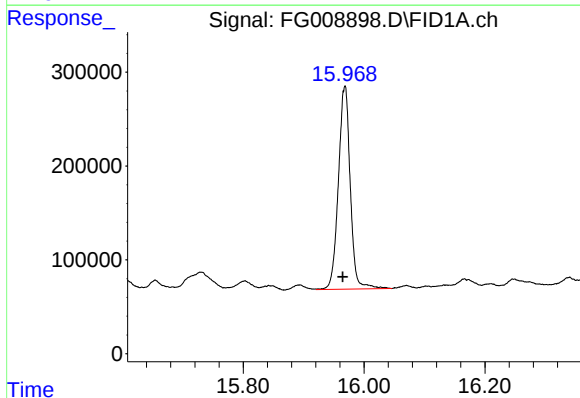
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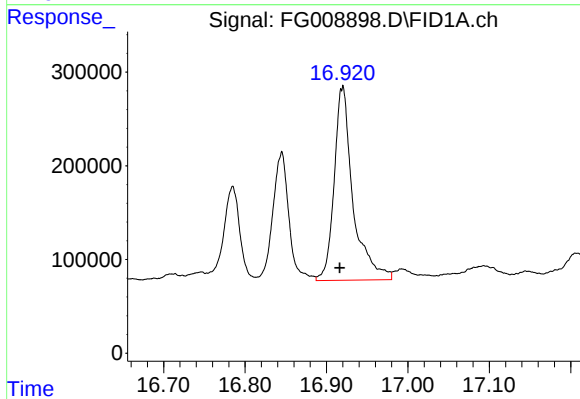
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: 0.000 min
Response: 4619052
Conc: 35.18 ug/ml



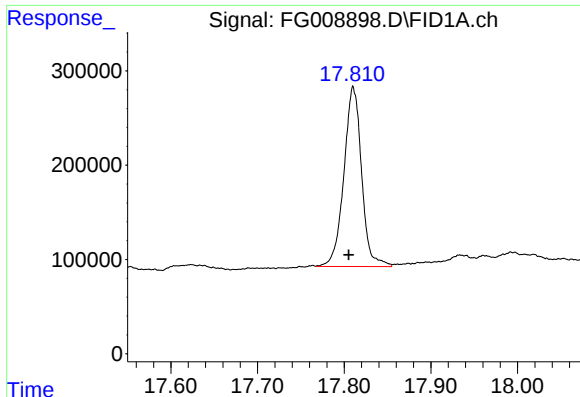
#11 N-HEXACOSANE

R.T.: 15.968 min
Delta R.T.: 0.004 min
Response: 2958833
Conc: 23.64 ug/ml



#12 N-OCTACOSANE

R.T.: 16.920 min
Delta R.T.: 0.004 min
Response: 3327962
Conc: 27.93 ug/ml



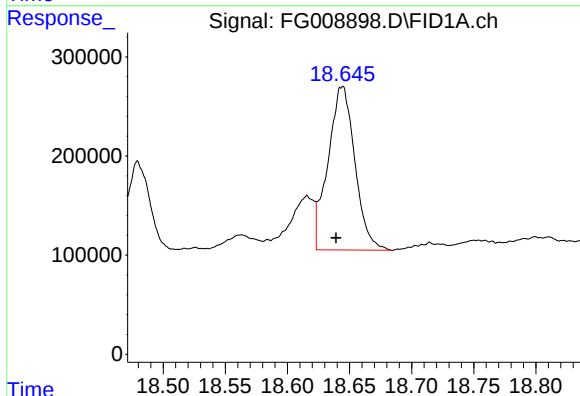
#13 N-TRIACONTANE

R.T.: 17.810 min
Delta R.T.: 0.005 min
Response: 2707532
Conc: 23.87 ug/ml m

Instrument :
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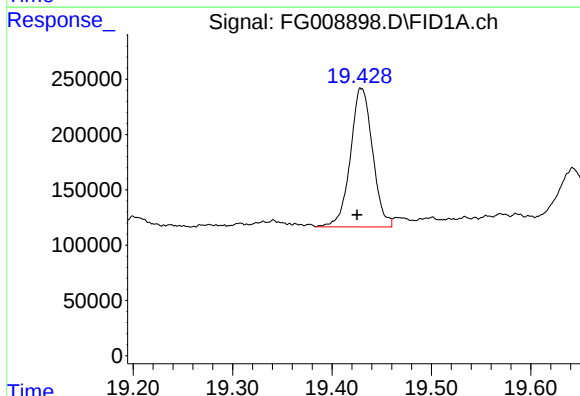
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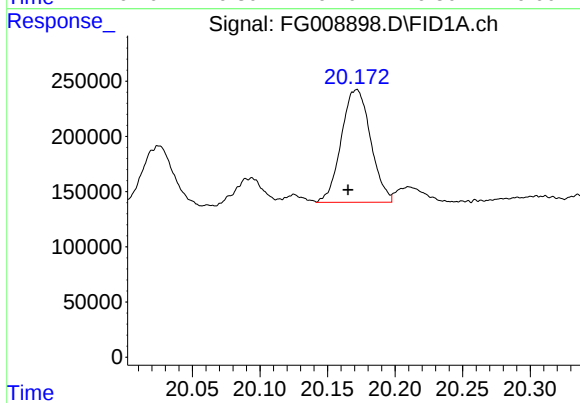
#14 N-DOTRIACONTANE

R.T.: 18.645 min
Delta R.T.: 0.005 min
Response: 2478965
Conc: 23.37 ug/ml m



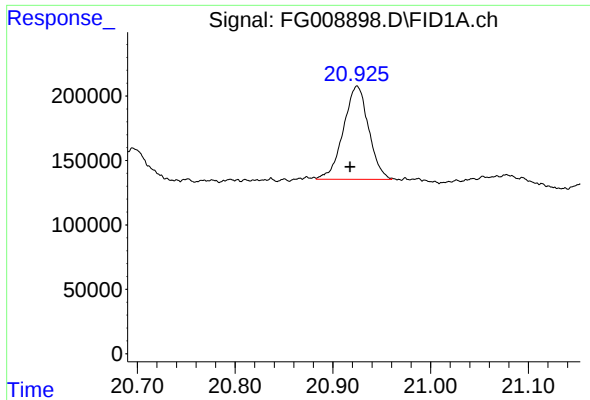
#15 N-TETRATRIACONTANE

R.T.: 19.428 min
Delta R.T.: 0.003 min
Response: 1944443
Conc: 19.52 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.172 min
Delta R.T.: 0.007 min
Response: 1546245
Conc: 16.74 ug/ml m



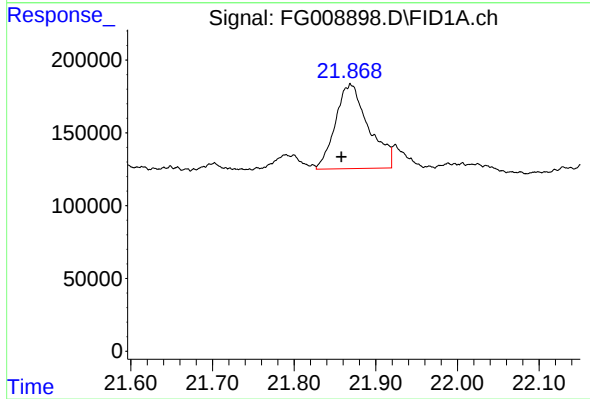
#17 N-OCTATRIACONTANE

R.T.: 20.925 min
Delta R.T.: 0.007 min
Response: 1296608
Conc: 14.77 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.869 min
Delta R.T.: 0.012 min
Response: 1634292
Conc: 18.35 ug/ml