

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102621\
 Data File : FG008969.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2021 20:21
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 27 11:01:06 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...	14.742	4560353	39.509 ug/ml
Target Compounds			
1) N-OCTANE	2.334	5955856	43.115 ug/ml
2) N-DECANE	4.439	5946379	42.623 ug/ml
3) N-DODECANE	6.467	5863514	41.584 ug/ml
4) N-TETRADECANE	8.269	5723989	40.603 ug/ml
5) N-HEXADECANE	9.876	5569661	39.773 ug/ml
6) N-OCTADECANE	11.323	5571124	39.421 ug/ml
7) N-EICOSANE	12.637	5465505	39.190 ug/ml
8) N-DOCOSANE	13.839	5289076	39.213 ug/ml
10) N-TETRACOSANE	14.946	5224478	39.788 ug/ml
11) N-HEXACOSANE	15.970	5104248	40.774 ug/ml
12) N-OCTACOSANE	16.923	5049466	42.374 ug/ml
13) N-TRIACONTANE	17.814	4989967	43.994 ug/ml
14) N-DOTRIACONTANE	18.649	4838259	45.612 ug/ml
15) N-TETRATRIACONTANE	19.436	4663768	46.827 ug/mlm
16) N-HEXATRIACONTANE	20.176	4355387	47.159 ug/mlm
17) N-OCTATRIACONTANE	20.930	4055131	46.197 ug/mlm
18) N-TETRACONTANE	21.872	4262690	47.871 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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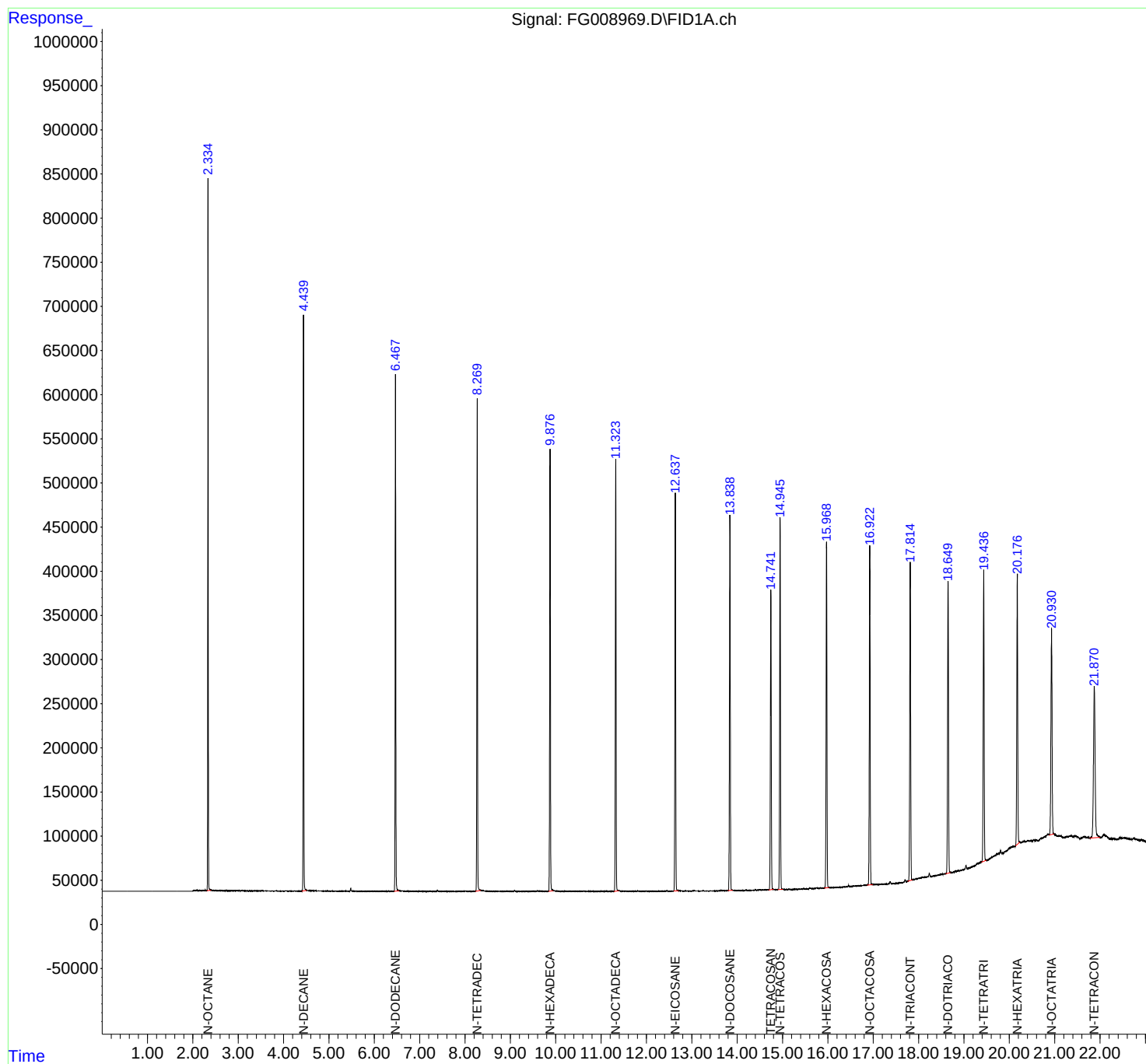
Instrument :
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50 PPM TRPH STD

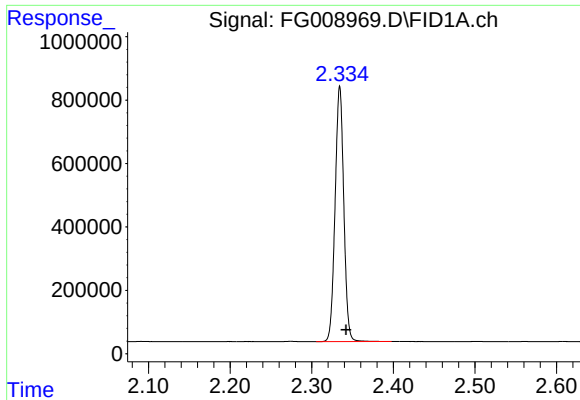
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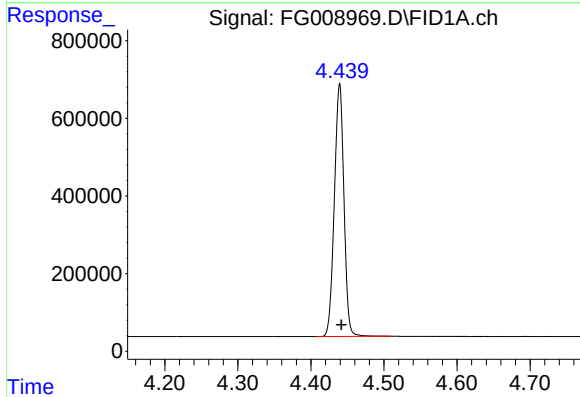
#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: -0.008 min
Response: 5955856
Conc: 43.11 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

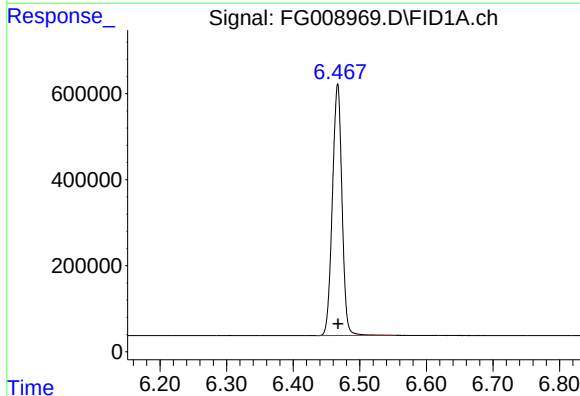
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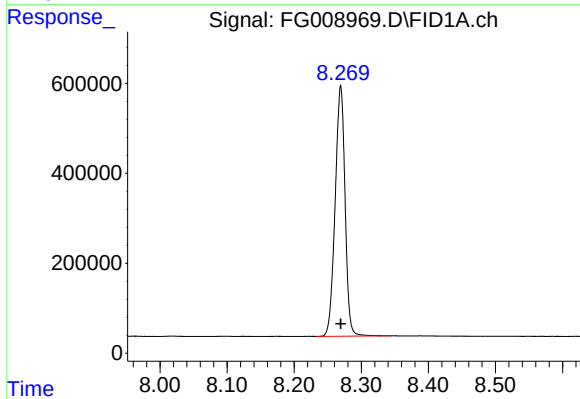
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 5946379
Conc: 42.62 ug/ml



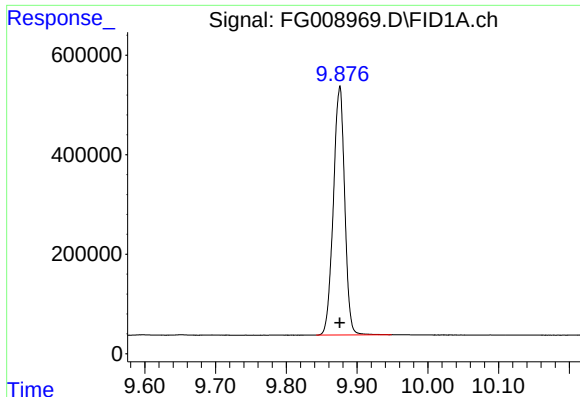
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 5863514
Conc: 41.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.269 min
Delta R.T.: 0.000 min
Response: 5723989
Conc: 40.60 ug/ml



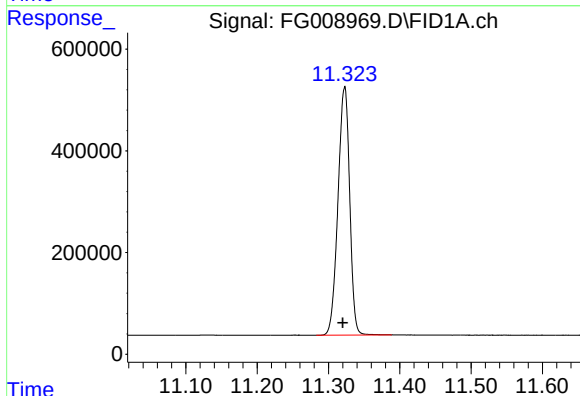
#5 N-HEXADECANE

R.T.: 9.876 min
Delta R.T.: 0.000 min
Response: 5569661
Conc: 39.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

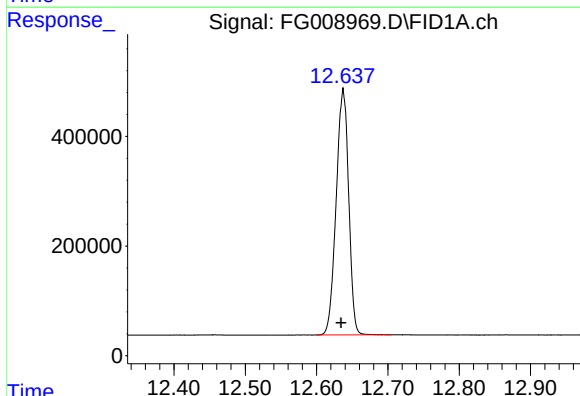
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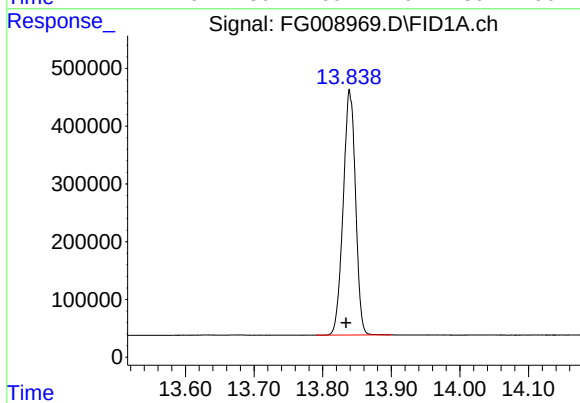
#6 N-OCTADECANE

R.T.: 11.323 min
Delta R.T.: 0.003 min
Response: 5571124
Conc: 39.42 ug/ml



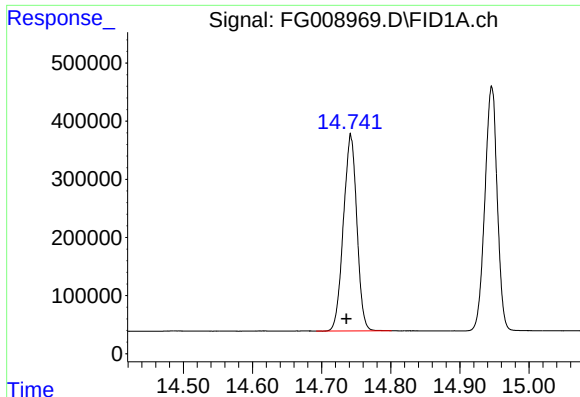
#7 N-EICOSANE

R.T.: 12.637 min
Delta R.T.: 0.003 min
Response: 5465505
Conc: 39.19 ug/ml



#8 N-DOCOSANE

R.T.: 13.839 min
Delta R.T.: 0.005 min
Response: 5289076
Conc: 39.21 ug/ml



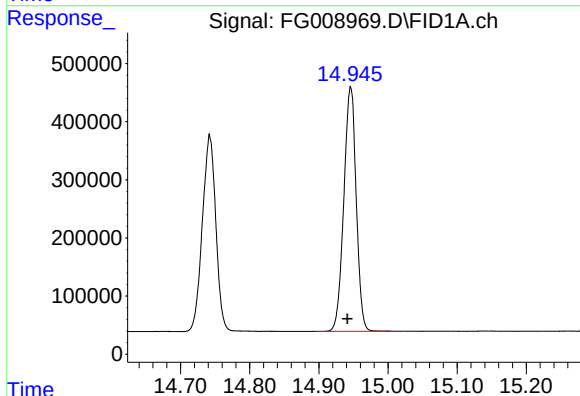
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.742 min
Delta R.T.: 0.006 min
Response: 4560353
Conc: 39.51 ug/ml

Instrument :
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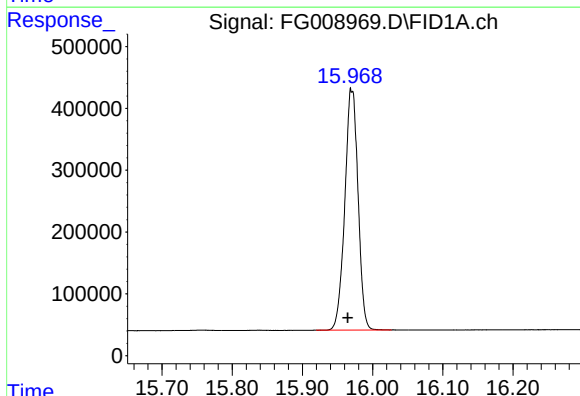
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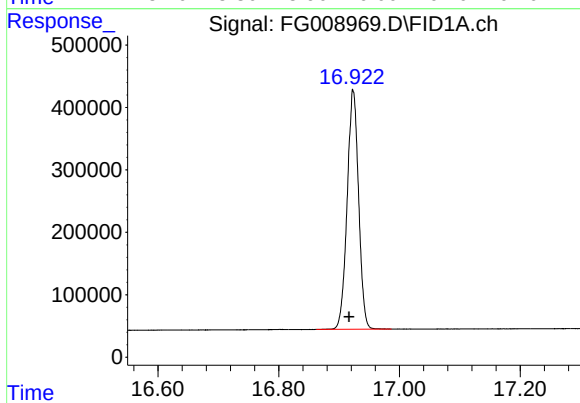
#10 N-TETRACOSANE

R.T.: 14.946 min
Delta R.T.: 0.005 min
Response: 5224478
Conc: 39.79 ug/ml



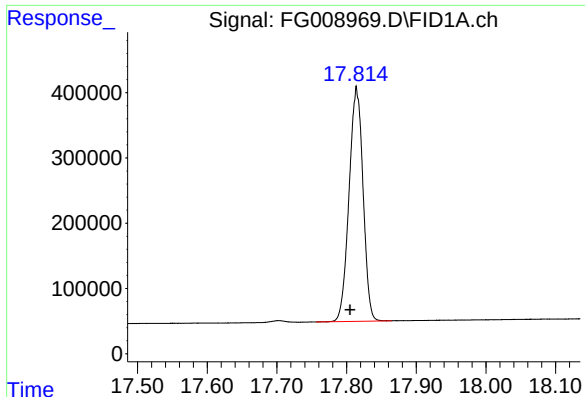
#11 N-HEXACOSANE

R.T.: 15.970 min
Delta R.T.: 0.005 min
Response: 5104248
Conc: 40.77 ug/ml



#12 N-OCTACOSANE

R.T.: 16.923 min
Delta R.T.: 0.007 min
Response: 5049466
Conc: 42.37 ug/ml



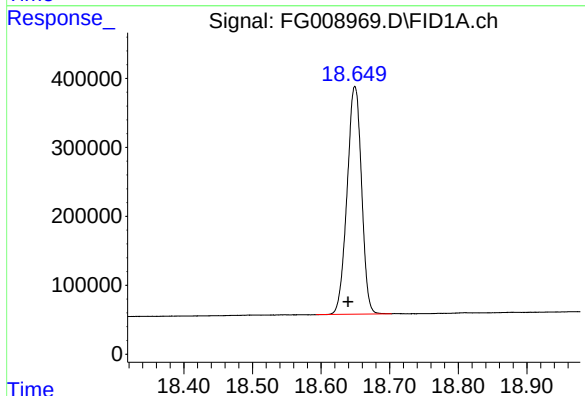
#13 N-TRIACONTANE

R.T.: 17.814 min
Delta R.T.: 0.009 min
Response: 4989967
Conc: 43.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

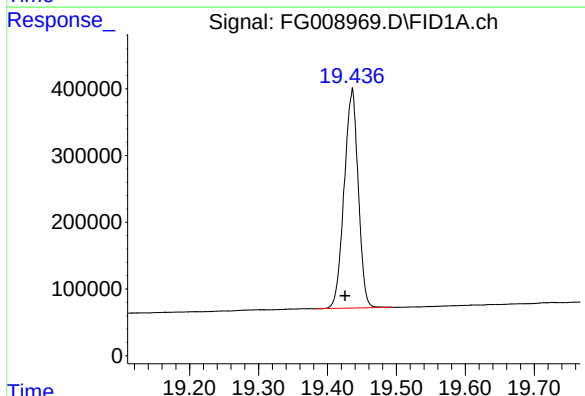
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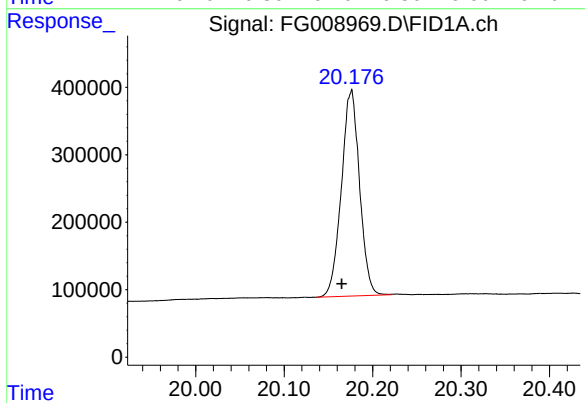
#14 N-DOTRIACONTANE

R.T.: 18.649 min
Delta R.T.: 0.010 min
Response: 4838259
Conc: 45.61 ug/ml



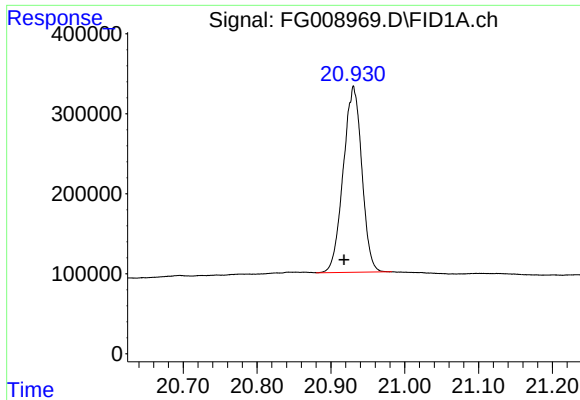
#15 N-TETRATRIACONTANE

R.T.: 19.436 min
Delta R.T.: 0.011 min
Response: 4663768
Conc: 46.83 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.176 min
Delta R.T.: 0.011 min
Response: 4355387
Conc: 47.16 ug/ml m



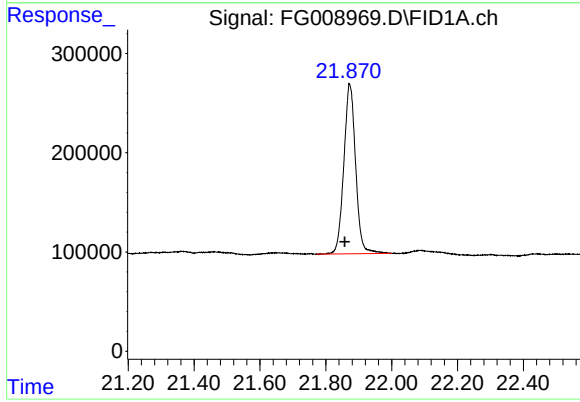
#17 N-OCTATRIACONTANE

R.T.: 20.930 min
Delta R.T.: 0.013 min
Response: 4055131
Conc: 46.20 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.872 min
Delta R.T.: 0.014 min
Response: 4262690
Conc: 47.87 ug/ml