

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012621\
 Data File : FG007590.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jan 2021 20:43
 Operator : DD\AJ
 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: Sample.e
 Quant Time: Jan 27 00:31:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010421.M
 Quant Title :
 QLast Update : Tue Jan 05 02:18:25 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...	14.642	5068600	42.294 ug/ml
Target Compounds			
1) N-OCTANE	2.240	6132540	41.824 ug/ml
2) N-DECANE	4.341	6498018	43.190 ug/ml
3) N-DODECANE	6.367	6504271	42.884 ug/ml
4) N-TETRADECANE	8.168	6467060	42.635 ug/ml
5) N-HEXADECANE	9.774	6327441	42.347 ug/ml
6) N-OCTADECANE	11.222	6275726	42.075 ug/ml
7) N-EICOSANE	12.537	6121274	41.999 ug/ml
8) N-DOCOSANE	13.739	5889792	42.066 ug/ml
10) N-TETRACOSANE	14.846	5817064	42.531 ug/ml
11) N-HEXACOSANE	15.872	5665348	43.136 ug/ml
12) N-OCTACOSANE	16.826	5591290	44.024 ug/ml
13) N-TRIACONTANE	17.717	5495628	44.672 ug/ml
14) N-DOTRIACONTANE	18.552	5104638	45.059 ug/ml
15) N-TETRATRIACONTANE	19.338	4309618	45.719 ug/ml
16) N-HEXATRIACONTANE	20.080	3436480	46.858 ug/mlm
17) N-OCTATRIACONTANE	20.816	2947095	46.270 ug/mlm
18) N-TETRACONTANE	21.727	2808255	47.635 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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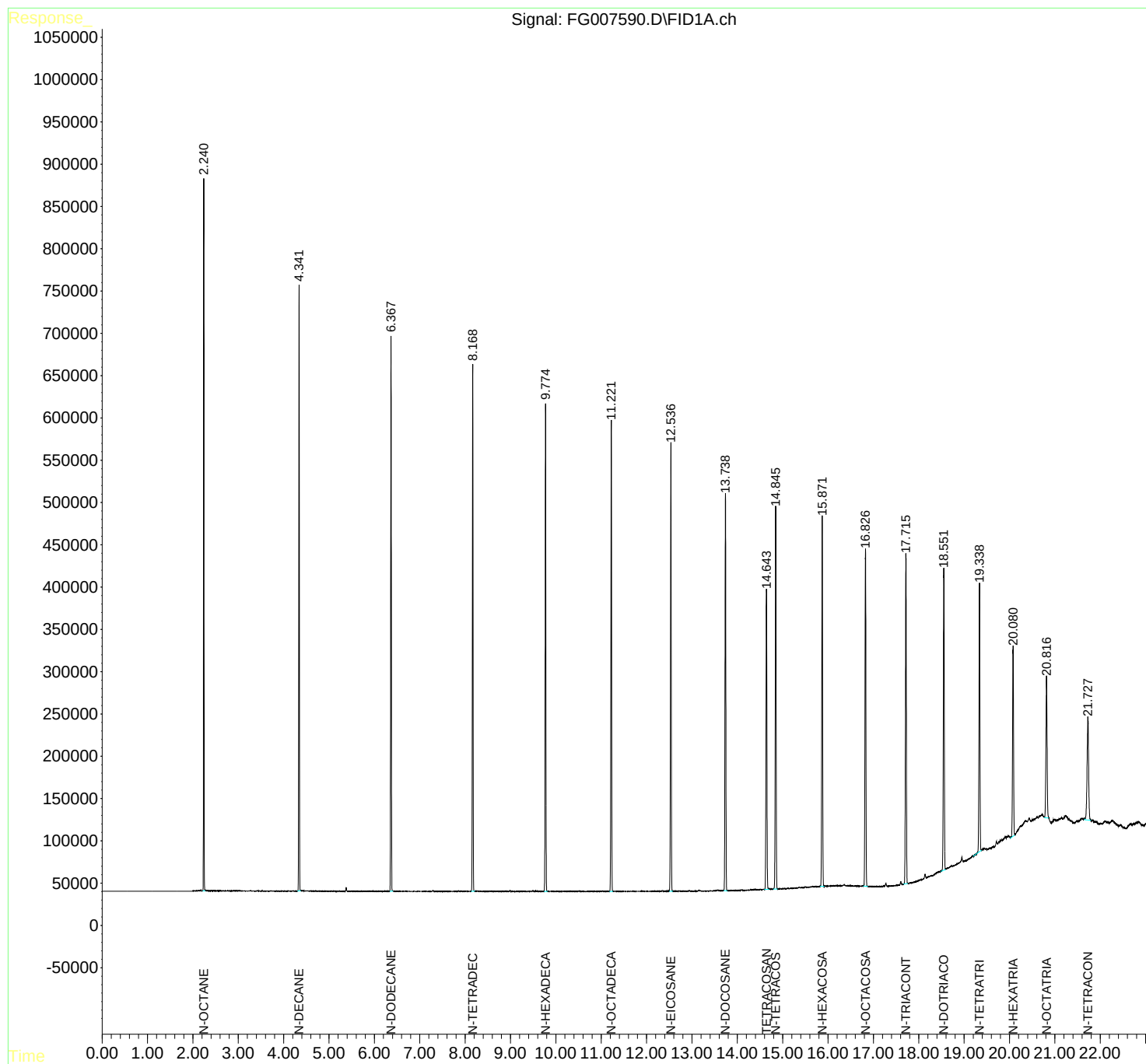
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50 PPM TRPH STD

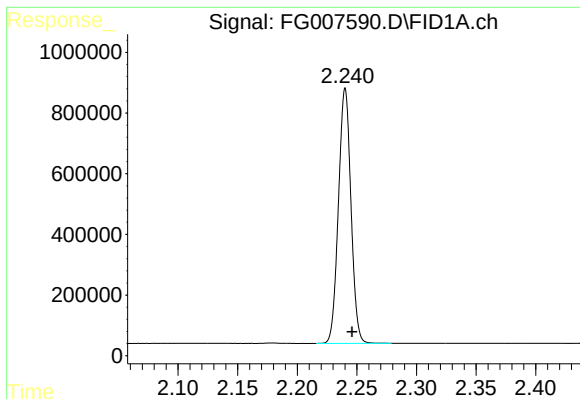
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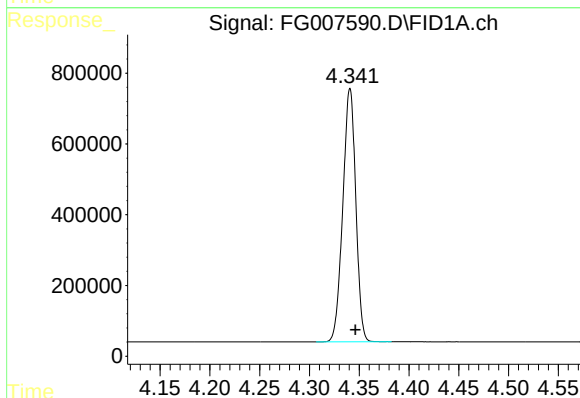
#1 N-OCTANE

R.T.: 2.240 min
Delta R.T.: -0.006 min
Response: 6132540
Conc: 41.82 ug/ml

Instrument :
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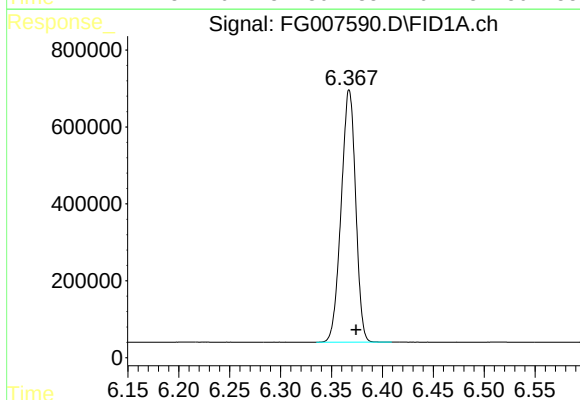
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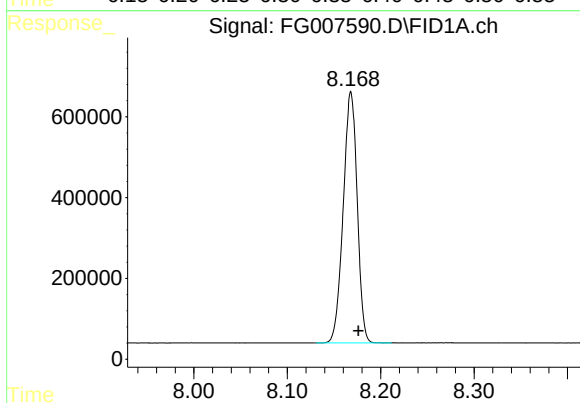
#2 N-DECANE

R.T.: 4.341 min
Delta R.T.: -0.005 min
Response: 6498018
Conc: 43.19 ug/ml



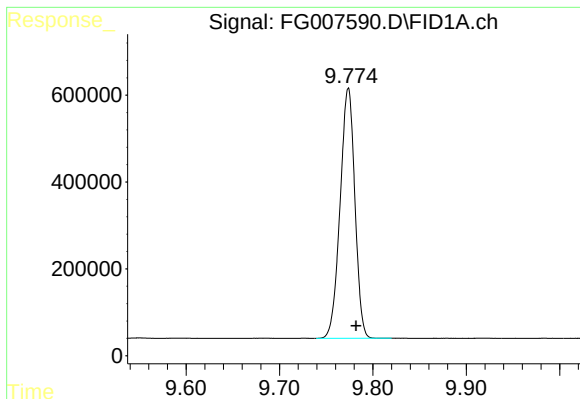
#3 N-DODECANE

R.T.: 6.367 min
Delta R.T.: -0.007 min
Response: 6504271
Conc: 42.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.168 min
Delta R.T.: -0.008 min
Response: 6467060
Conc: 42.64 ug/ml



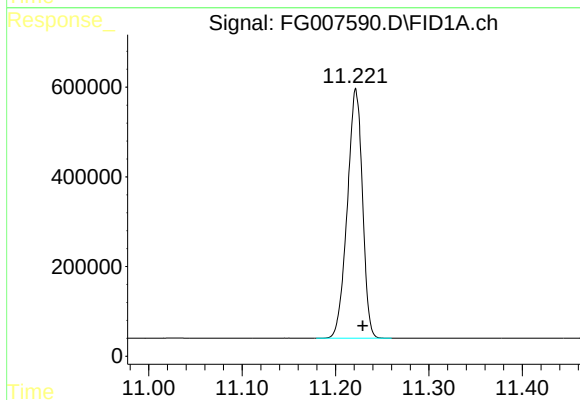
#5 N-HEXADECANE

R.T.: 9.774 min
Delta R.T.: -0.008 min
Response: 6327441
Conc: 42.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

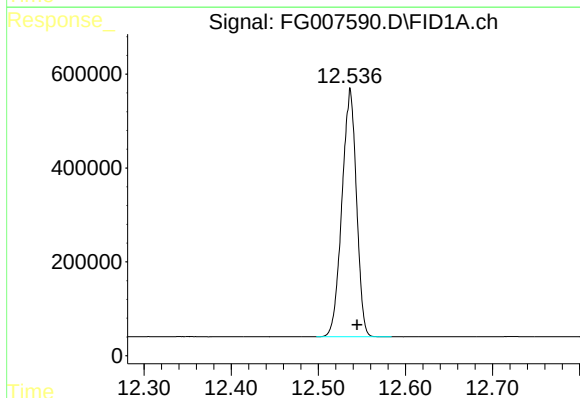
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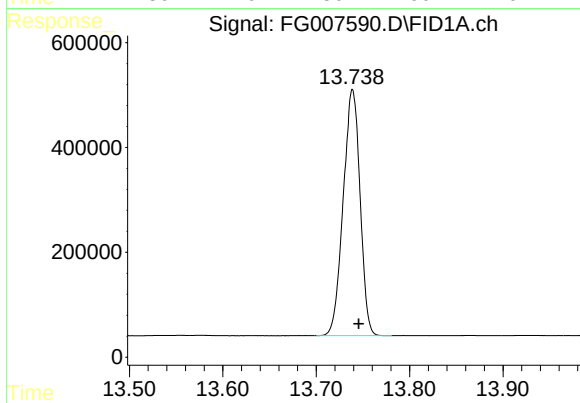
#6 N-OCTADECANE

R.T.: 11.222 min
Delta R.T.: -0.007 min
Response: 6275726
Conc: 42.08 ug/ml



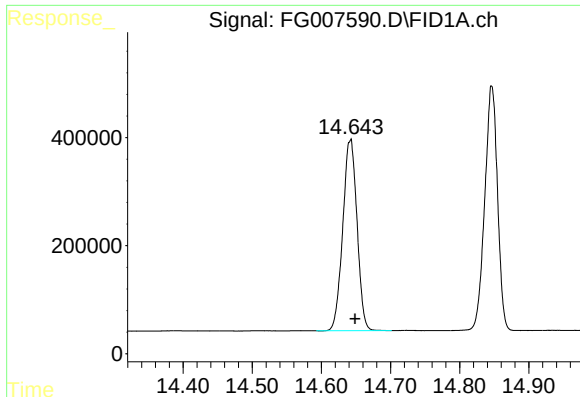
#7 N-EICOSANE

R.T.: 12.537 min
Delta R.T.: -0.008 min
Response: 6121274
Conc: 42.00 ug/ml



#8 N-DOCOSANE

R.T.: 13.739 min
Delta R.T.: -0.007 min
Response: 5889792
Conc: 42.07 ug/ml



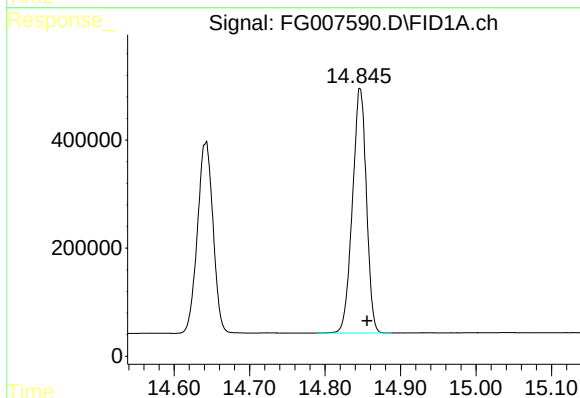
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.642 min
Delta R.T.: -0.007 min
Response: 5068600
Conc: 42.29 ug/ml

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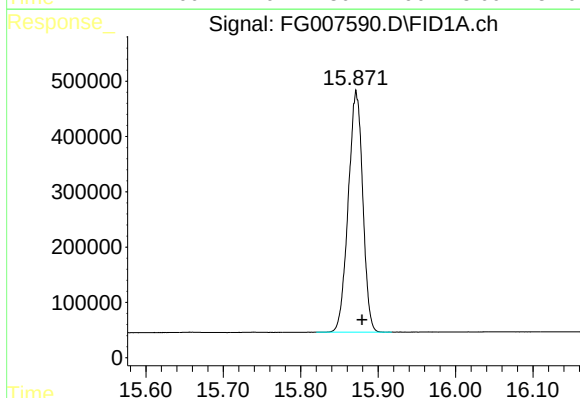
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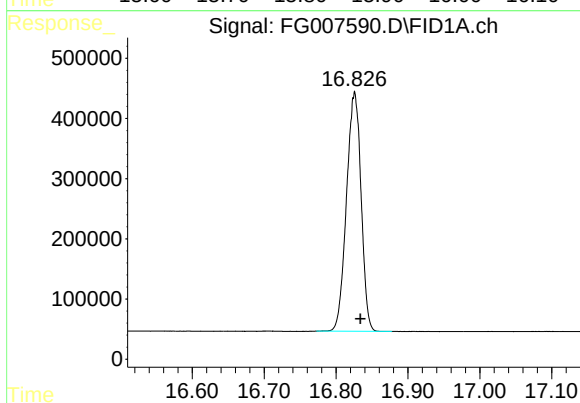
#10 N-TETRACOSANE

R.T.: 14.846 min
Delta R.T.: -0.009 min
Response: 5817064
Conc: 42.53 ug/ml



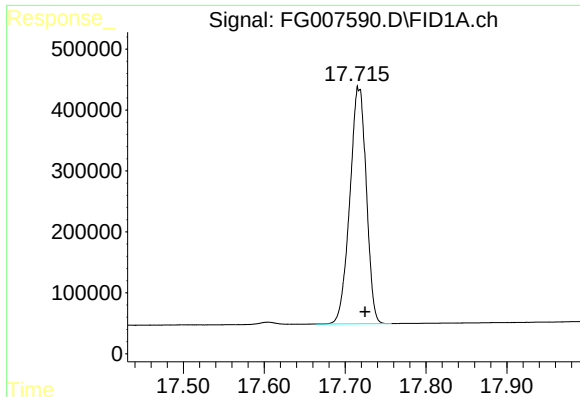
#11 N-HEXACOSANE

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 5665348
Conc: 43.14 ug/ml



#12 N-OCTACOSANE

R.T.: 16.826 min
Delta R.T.: -0.008 min
Response: 5591290
Conc: 44.02 ug/ml



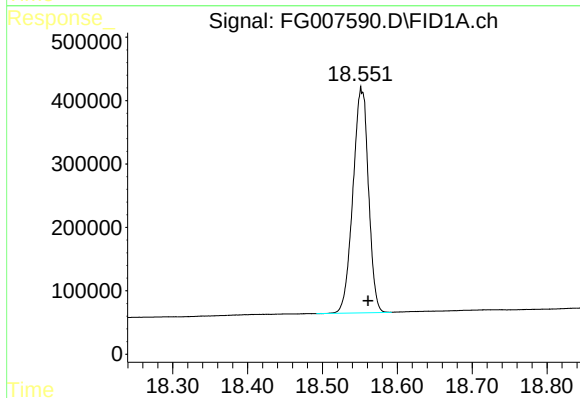
#13 N-TRIACONTANE

R.T.: 17.717 min
Delta R.T.: -0.008 min
Response: 5495628
Conc: 44.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

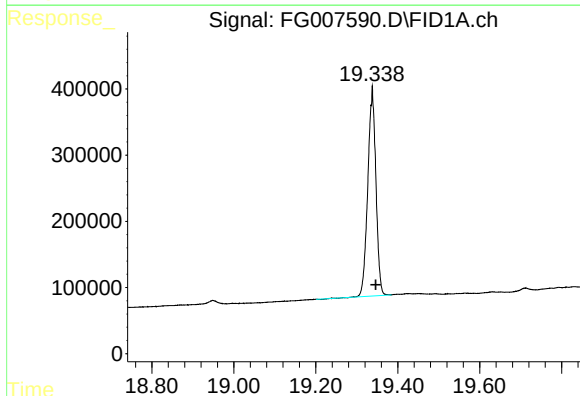
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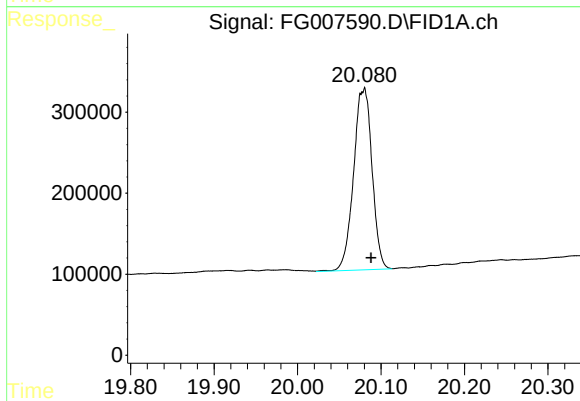
#14 N-DOTRIACONTANE

R.T.: 18.552 min
Delta R.T.: -0.009 min
Response: 5104638
Conc: 45.06 ug/ml



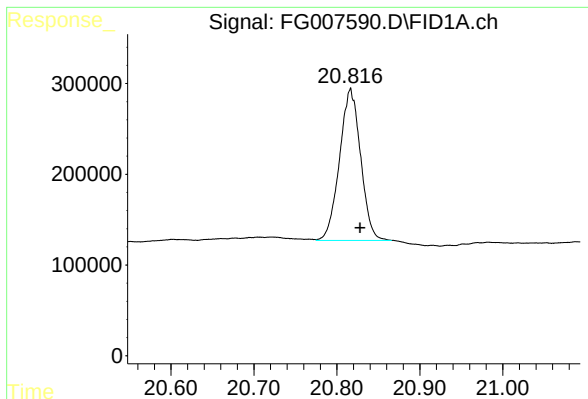
#15 N-TETRATRIACONTANE

R.T.: 19.338 min
Delta R.T.: -0.008 min
Response: 4309618
Conc: 45.72 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.080 min
Delta R.T.: -0.008 min
Response: 3436480
Conc: 46.86 ug/ml m



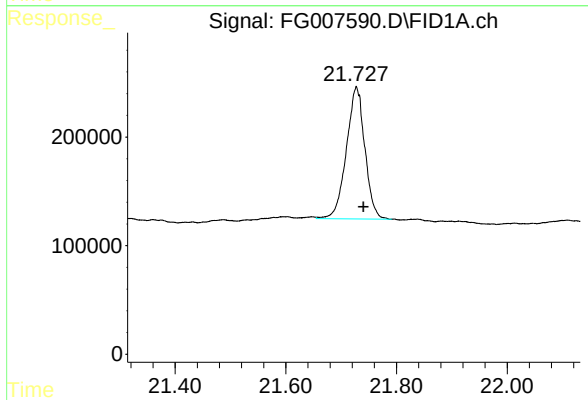
#17 N-OCTATRIACONTANE

R.T.: 20.816 min
Delta R.T.: -0.012 min
Response: 2947095
Conc: 46.27 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.727 min
Delta R.T.: -0.013 min
Response: 2808255
Conc: 47.63 ug/ml m