

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120321\
 Data File : FG009138.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2021 10:57
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: Sample.e
 Quant Time: Dec 03 22:20:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 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...	14.759	5247443	44.995 ug/ml
Target Compounds			
1) N-OCTANE	2.332	6903598	47.164 ug/ml
2) N-DECANE	4.437	7036123	47.502 ug/ml
3) N-DODECANE	6.468	7028908	47.484 ug/ml
4) N-TETRADECANE	8.273	6918869	47.819 ug/ml
5) N-HEXADECANE	9.883	6707753	47.440 ug/ml
6) N-OCTADECANE	11.333	6679752	46.064 ug/ml
7) N-EICOSANE	12.650	6478690	45.286 ug/ml
8) N-DOCOSANE	13.856	6157866	44.880 ug/ml
10) N-TETRACOSANE	14.964	5903632	44.858 ug/ml
11) N-HEXACOSANE	15.992	5572364	45.483 ug/ml
12) N-OCTACOSANE	16.947	5321643	46.674 ug/ml
13) N-TRIACONTANE	17.839	5164402	47.740 ug/ml
14) N-DOTRIACONTANE	18.676	5024466	48.869 ug/ml
15) N-TETRATRIACONTANE	19.464	4810414	48.638 ug/mlm
16) N-HEXATRIACONTANE	20.207	4556840	48.488 ug/ml
17) N-OCTATRIACONTANE	20.967	4317131	46.554 ug/ml
18) N-TETRACONTANE	21.919	4292506	43.617 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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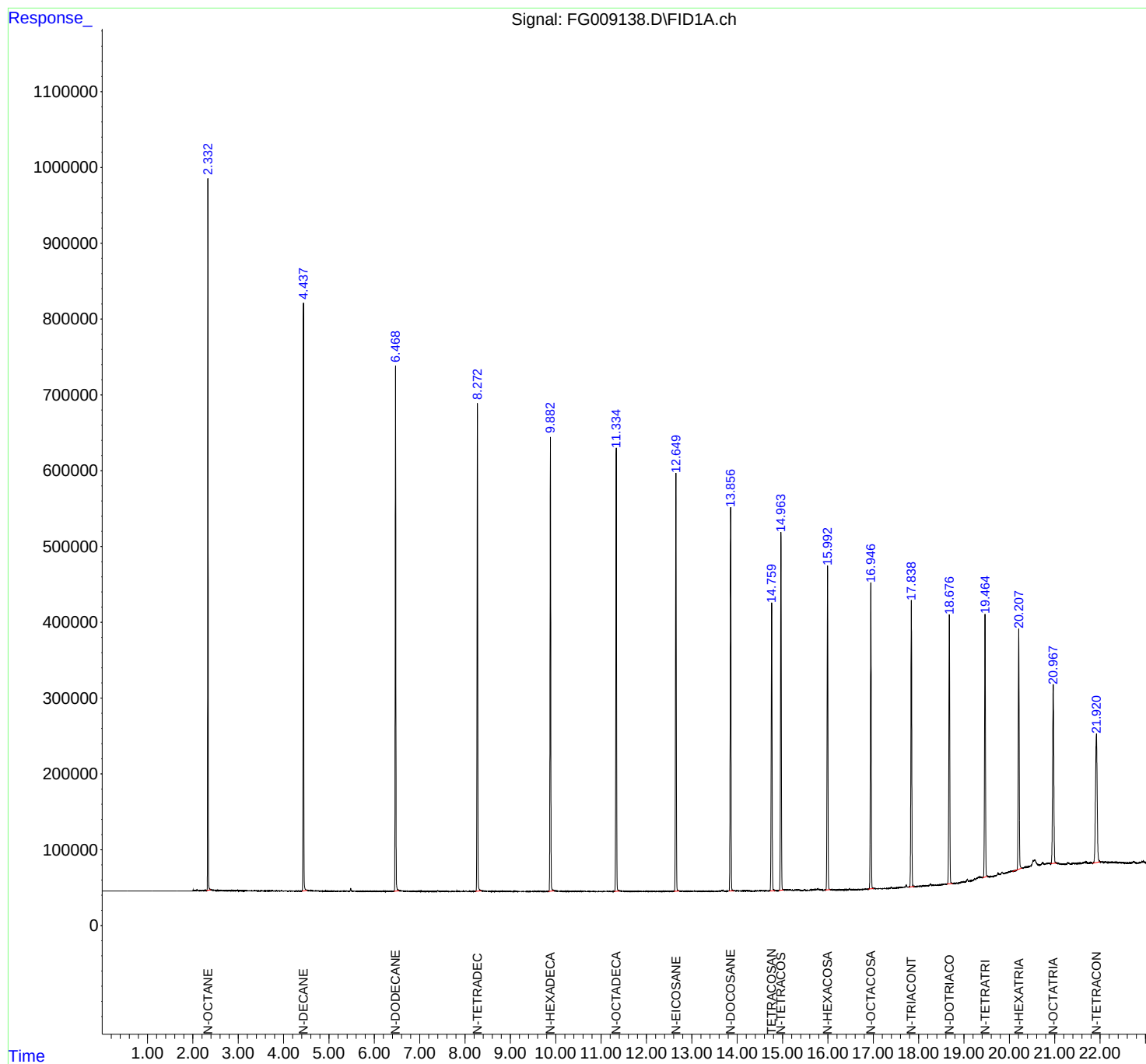
Instrument :
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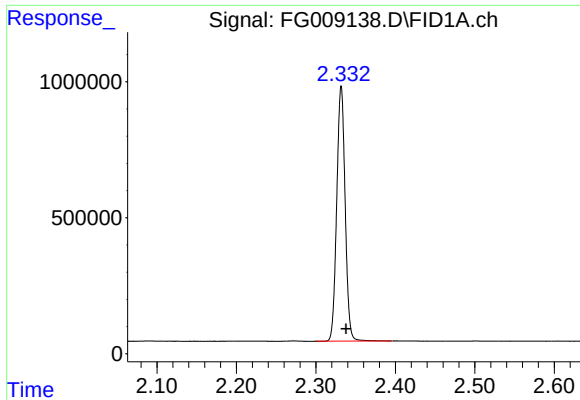
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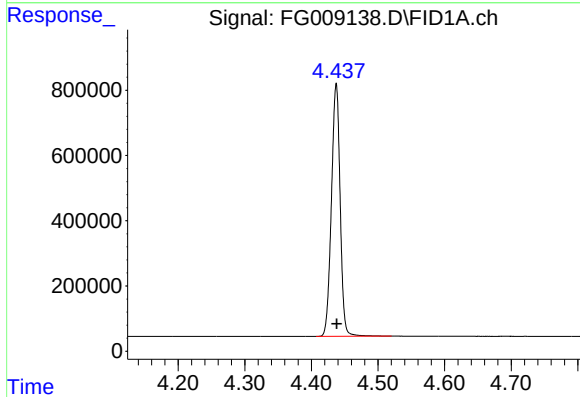
#1 N-OCTANE

R.T.: 2.332 min
Delta R.T.: -0.006 min
Response: 6903598
Conc: 47.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

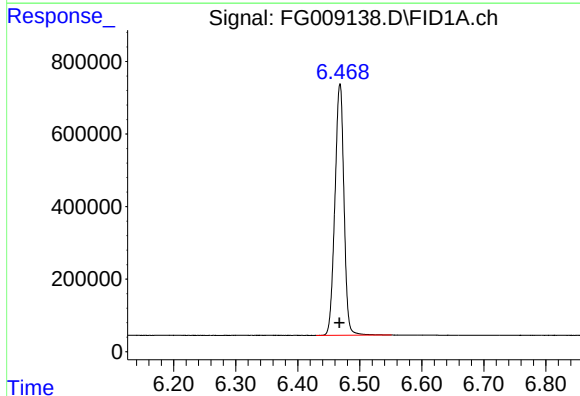
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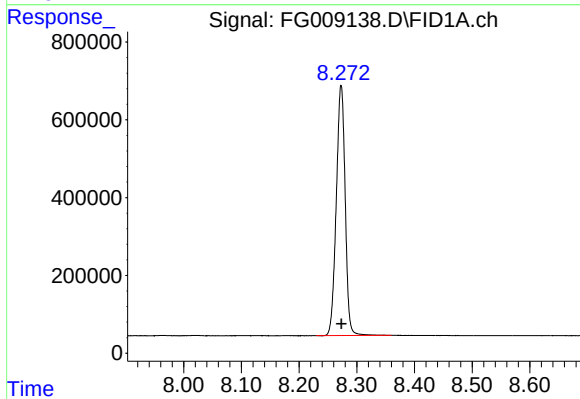
#2 N-DECANE

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 7036123
Conc: 47.50 ug/ml



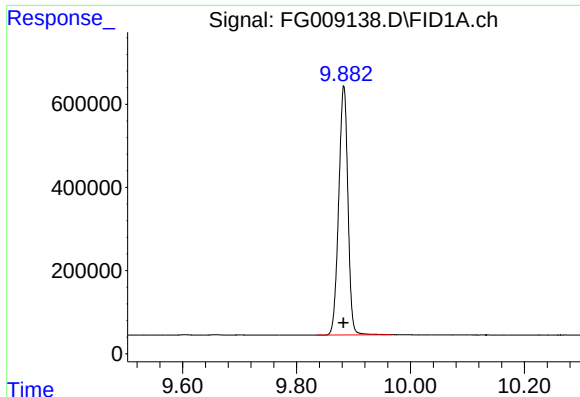
#3 N-DODECANE

R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 7028908
Conc: 47.48 ug/ml



#4 N-TETRADECANE

R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 6918869
Conc: 47.82 ug/ml



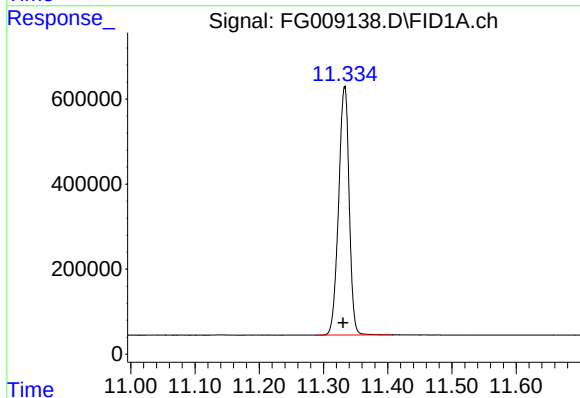
#5 N-HEXADECANE

R.T.: 9.883 min
Delta R.T.: 0.000 min
Response: 6707753
Conc: 47.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

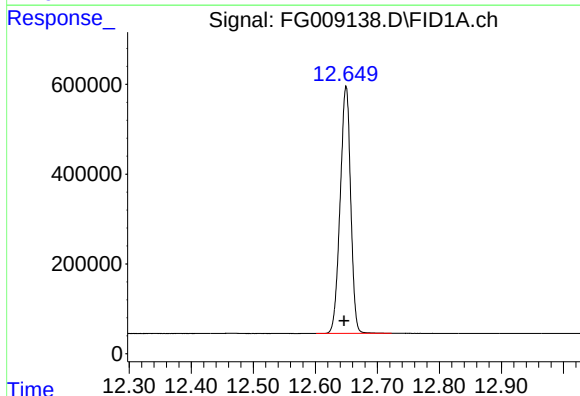
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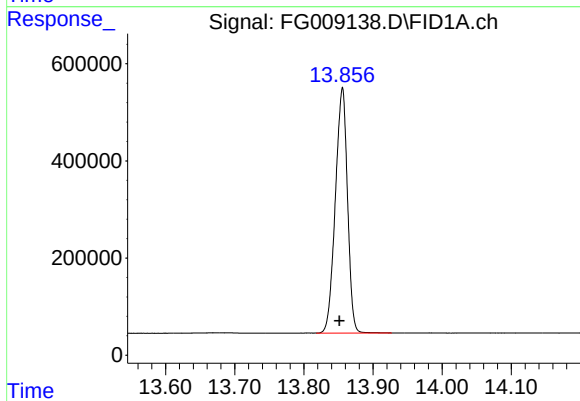
#6 N-OCTADECANE

R.T.: 11.333 min
Delta R.T.: 0.003 min
Response: 6679752
Conc: 46.06 ug/ml



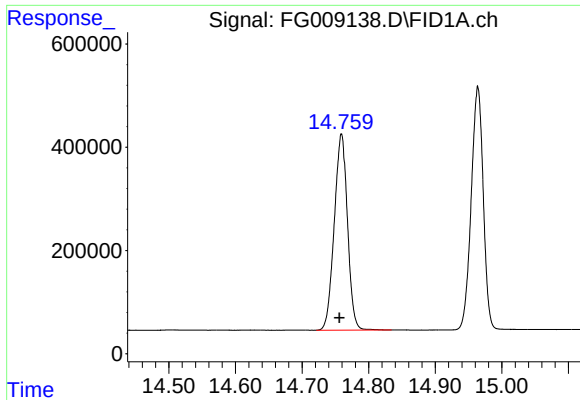
#7 N-EICOSANE

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 6478690
Conc: 45.29 ug/ml



#8 N-DOCOSANE

R.T.: 13.856 min
Delta R.T.: 0.005 min
Response: 6157866
Conc: 44.88 ug/ml



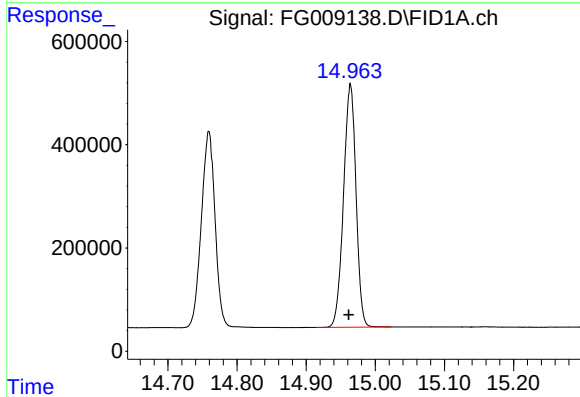
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.759 min
Delta R.T.: 0.003 min
Response: 5247443
Conc: 44.99 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

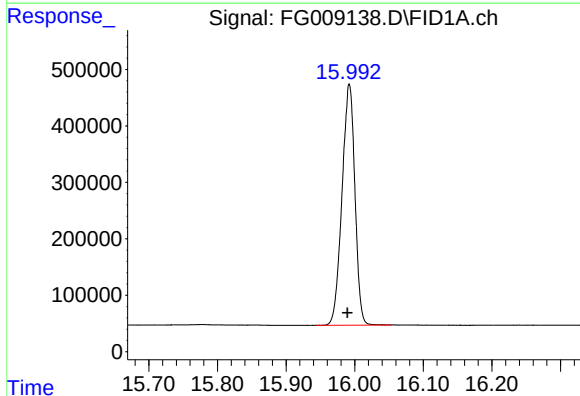
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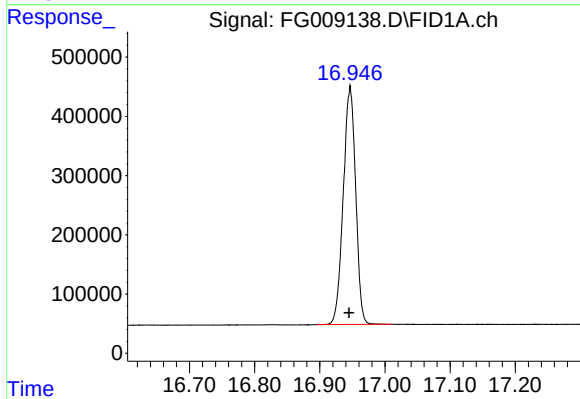
#10 N-TETRACOSANE

R.T.: 14.964 min
Delta R.T.: 0.002 min
Response: 5903632
Conc: 44.86 ug/ml



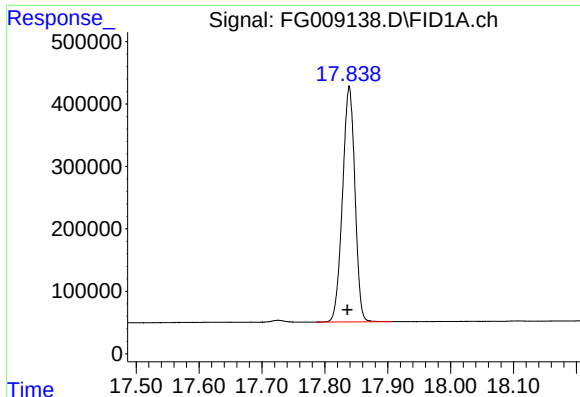
#11 N-HEXACOSANE

R.T.: 15.992 min
Delta R.T.: 0.003 min
Response: 5572364
Conc: 45.48 ug/ml



#12 N-OCTACOSANE

R.T.: 16.947 min
Delta R.T.: 0.002 min
Response: 5321643
Conc: 46.67 ug/ml



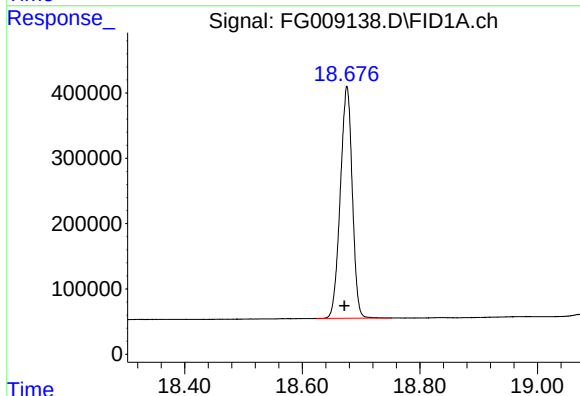
#13 N-TRIACONTANE

R.T.: 17.839 min
Delta R.T.: 0.003 min
Response: 5164402
Conc: 47.74 ug/ml

Instrument :
FID_G
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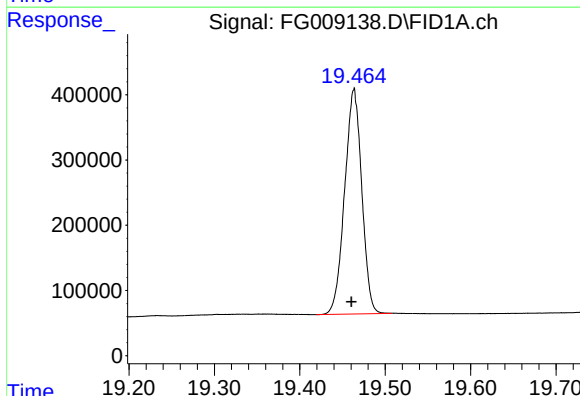
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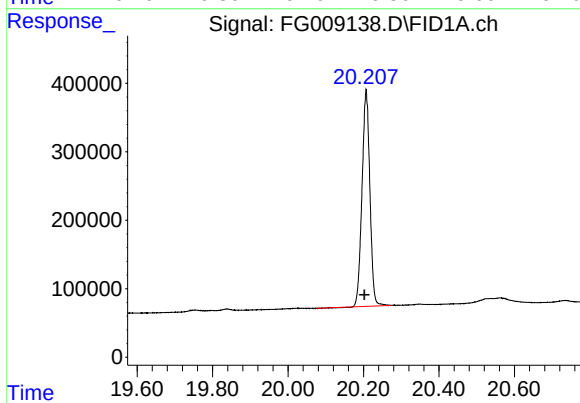
#14 N-DOTRIACONTANE

R.T.: 18.676 min
Delta R.T.: 0.005 min
Response: 5024466
Conc: 48.87 ug/ml



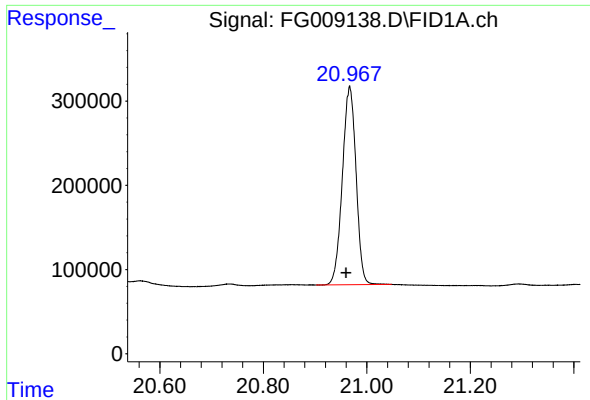
#15 N-TETRATRIACONTANE

R.T.: 19.464 min
Delta R.T.: 0.003 min
Response: 4810414
Conc: 48.64 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.207 min
Delta R.T.: 0.004 min
Response: 4556840
Conc: 48.49 ug/ml



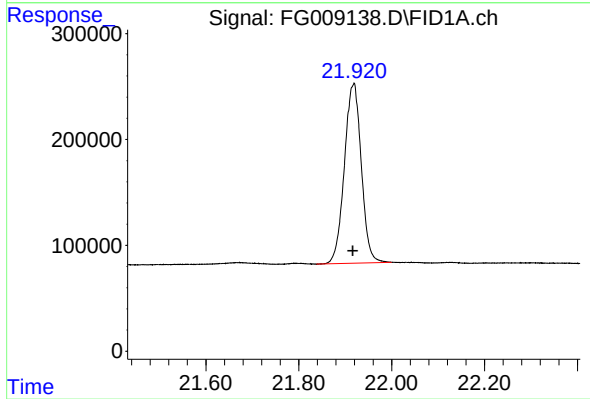
#17 N-OCTATRIACONTANE

R.T.: 20.967 min
Delta R.T.: 0.007 min
Response: 4317131
Conc: 46.55 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.919 min
Delta R.T.: 0.003 min
Response: 4292506
Conc: 43.62 ug/ml