

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016005.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 12:39
 Operator : YP\AJ
 Sample : PB168365BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168365BS

Integration File: autoint1.e
 Quant Time: Jun 11 01:37:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 2025
 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...	14.974	1797280	14.664 ug/ml
Target Compounds			
1) N-OCTANE	1.951	2069361	17.599 ug/ml
2) N-DECANE	4.476	2535622	21.580 ug/ml
3) N-DODECANE	6.658	2721600	22.424 ug/ml
4) N-TETRADECANE	8.494	2771530	21.705 ug/ml
5) N-HEXADECANE	10.108	2923748	21.945 ug/ml
6) N-OCTADECANE	11.556	3081859	22.331 ug/ml
7) N-EICOSANE	12.871	3044005	21.546 ug/ml
8) N-DOCOSANE	14.073	3000749	21.845 ug/ml
10) N-TETRACOSANE	15.178	2966276	21.578 ug/ml
11) N-HEXACOSANE	16.203	2888326	21.258 ug/ml
12) N-OCTACOSANE	17.154	2830569	20.994 ug/ml
13) N-TRIACONTANE	18.043	2743711	20.108 ug/ml
14) N-DOTRIACONTANE	18.877	2337909	17.456 ug/ml
15) N-TETRATRIACONTANE	19.662	1514696	12.491 ug/ml
16) N-HEXATRIACONTANE	20.403	1064190	9.966 ug/ml
17) N-OCTATRIACONTANE	21.139	954536	9.946 ug/ml
18) N-TETRACONTANE	22.048	951696	10.821 ug/ml

(f)=RT Delta > 1/2 Window

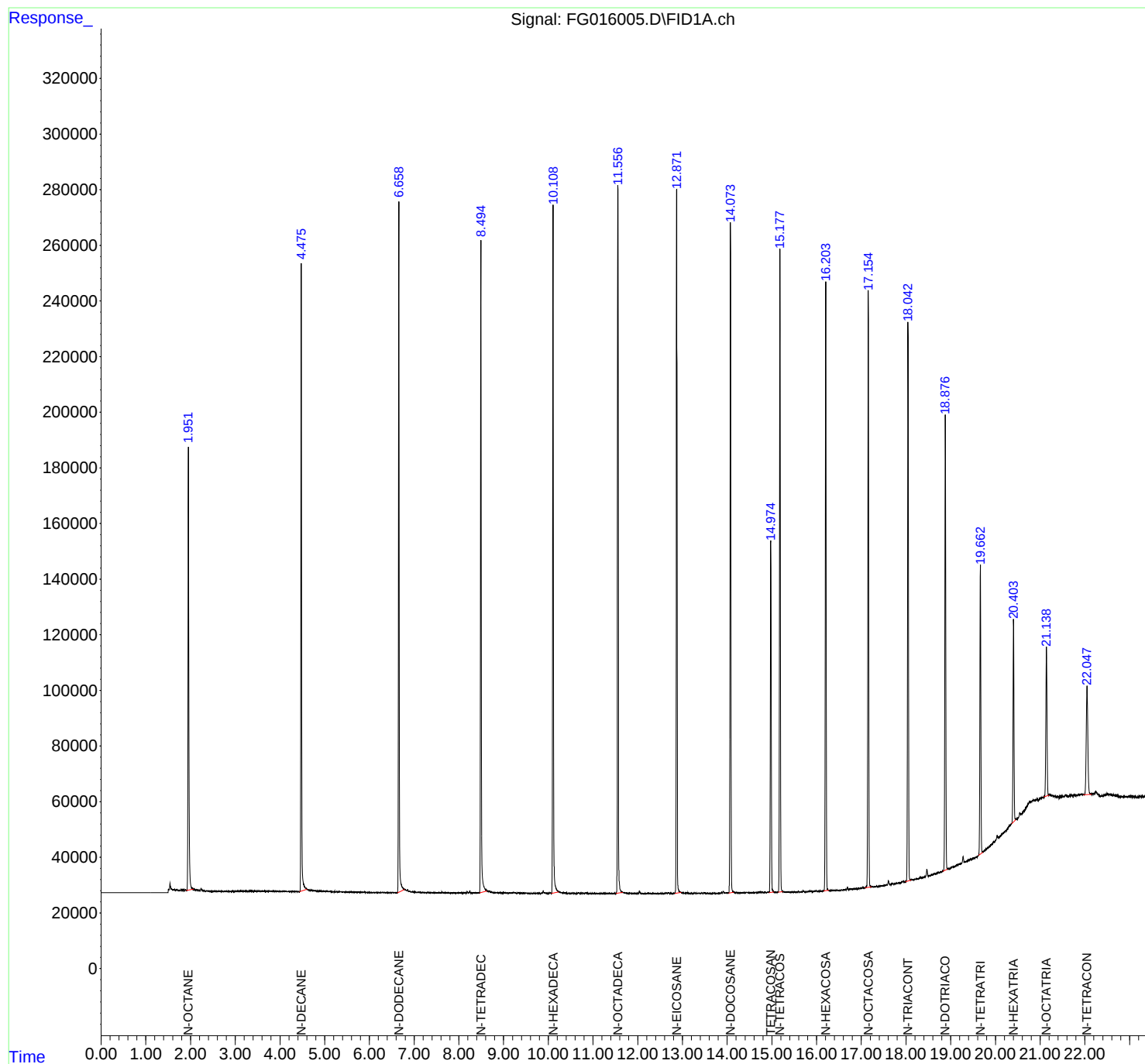
(m)=manual int.

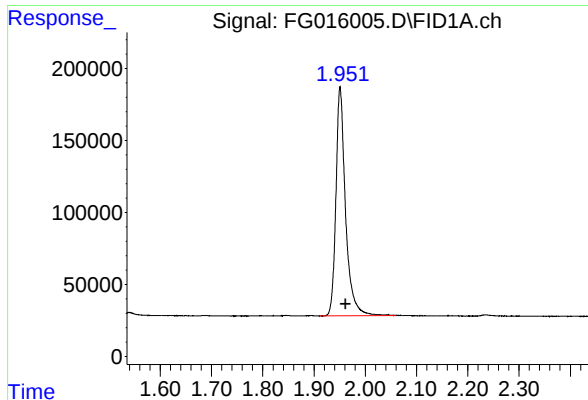
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

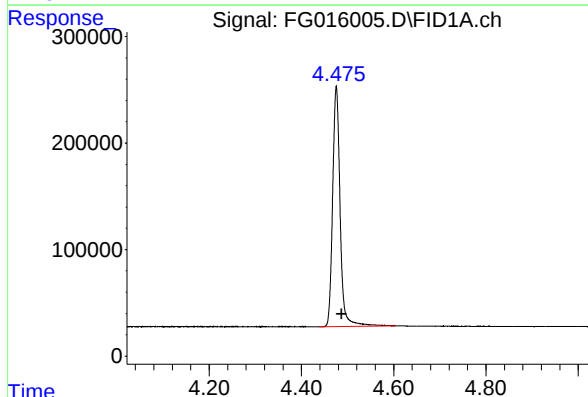




#1 N-OCTANE

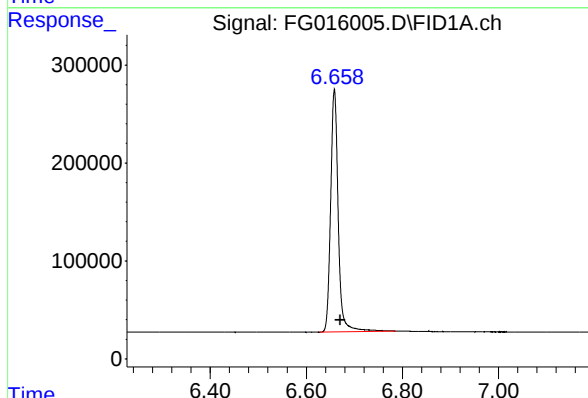
R.T.: 1.951 min
Delta R.T.: -0.011 min
Response: 2069361
Conc: 17.60 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168365BS



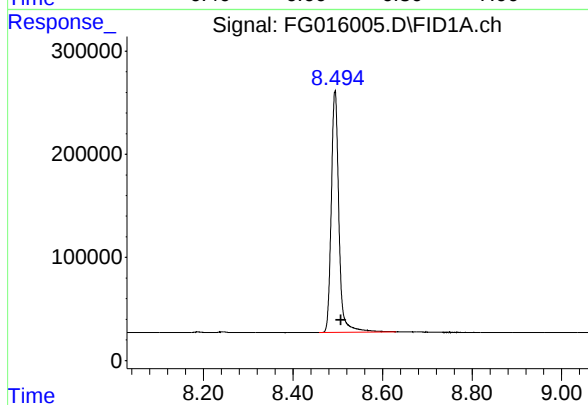
#2 N-DECANE

R.T.: 4.476 min
Delta R.T.: -0.012 min
Response: 2535622
Conc: 21.58 ug/ml



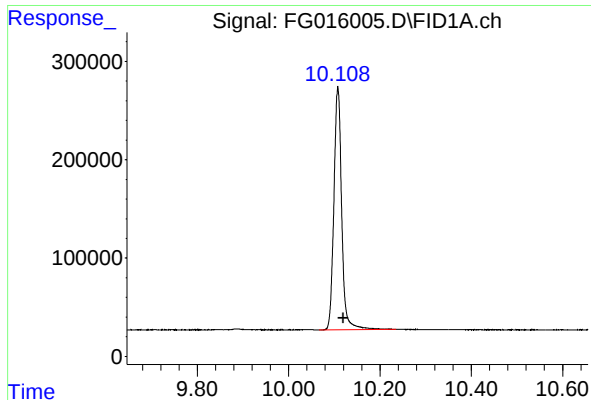
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 2721600
Conc: 22.42 ug/ml



#4 N-TETRADECANE

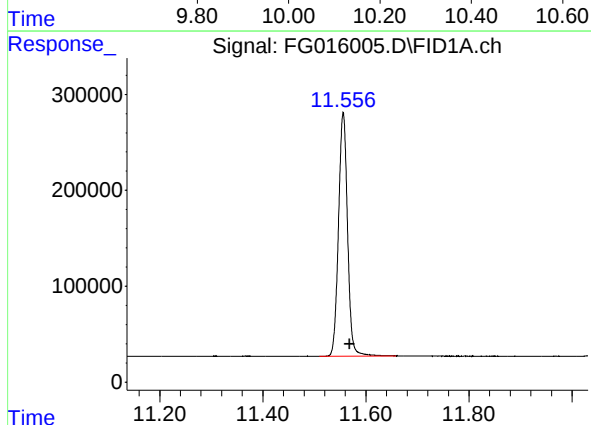
R.T.: 8.494 min
Delta R.T.: -0.013 min
Response: 2771530
Conc: 21.71 ug/ml



#5 N-HEXADECANE

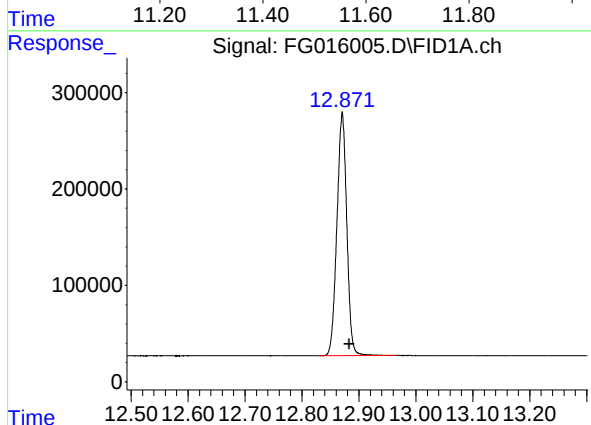
R.T.: 10.108 min
Delta R.T.: -0.012 min
Response: 2923748
Conc: 21.95 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168365BS



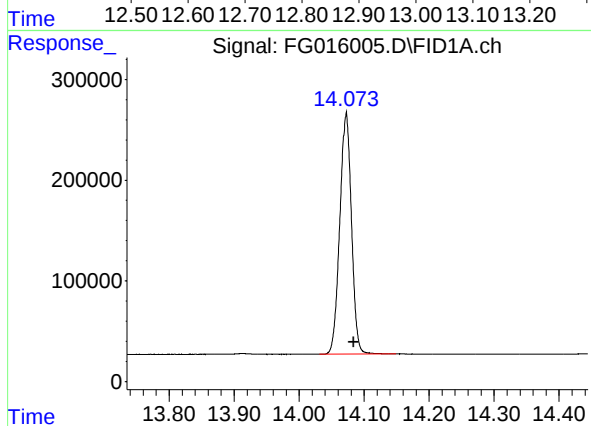
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 3081859
Conc: 22.33 ug/ml



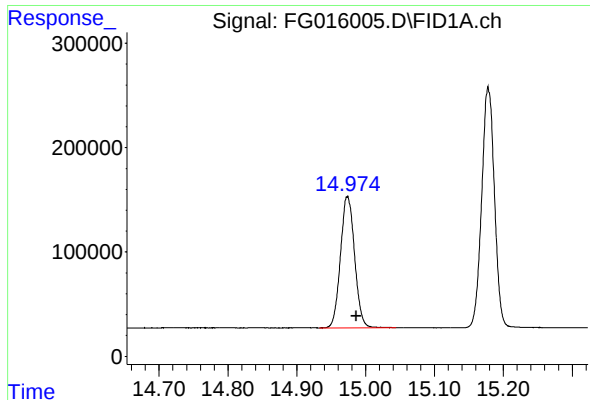
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: -0.012 min
Response: 3044005
Conc: 21.55 ug/ml



#8 N-DOCOSANE

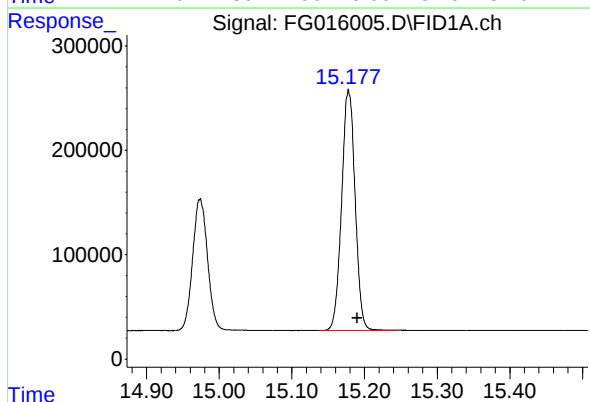
R.T.: 14.073 min
Delta R.T.: -0.011 min
Response: 3000749
Conc: 21.85 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

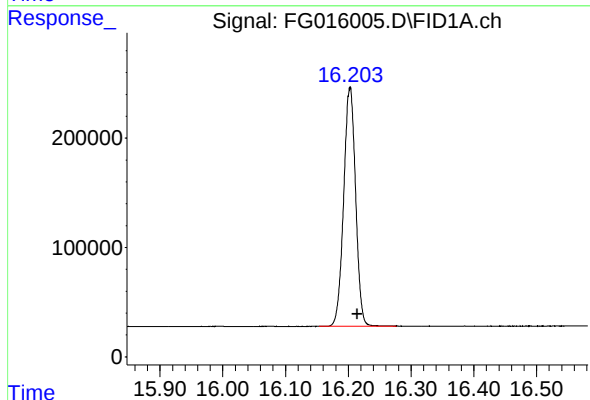
R.T.: 14.974 min
Delta R.T.: -0.013 min
Response: 1797280
Conc: 14.66 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168365BS



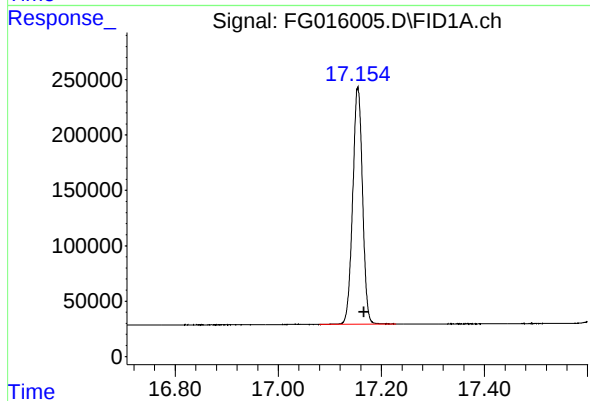
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.012 min
Response: 2966276
Conc: 21.58 ug/ml



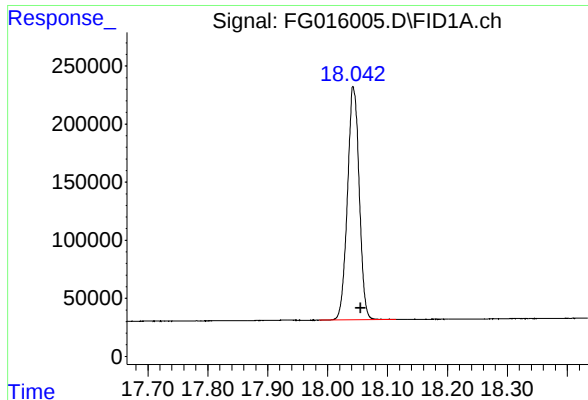
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.012 min
Response: 2888326
Conc: 21.26 ug/ml



#12 N-OCTACOSANE

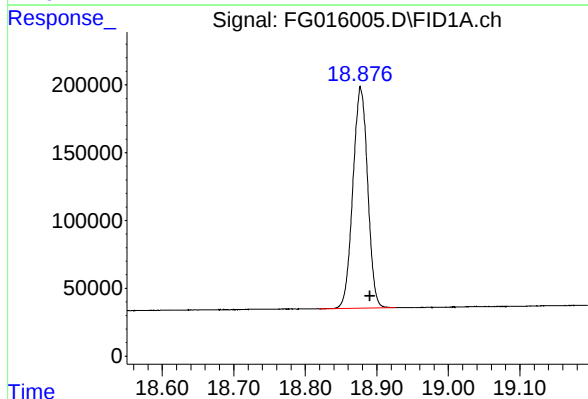
R.T.: 17.154 min
Delta R.T.: -0.012 min
Response: 2830569
Conc: 20.99 ug/ml



#13 N-TRIACONTANE

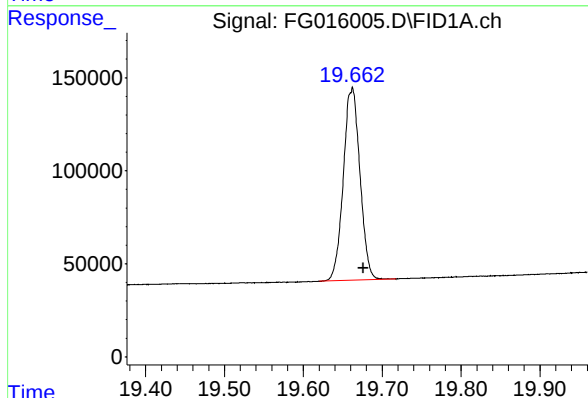
R.T.: 18.043 min
Delta R.T.: -0.013 min
Response: 2743711
Conc: 20.11 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168365BS



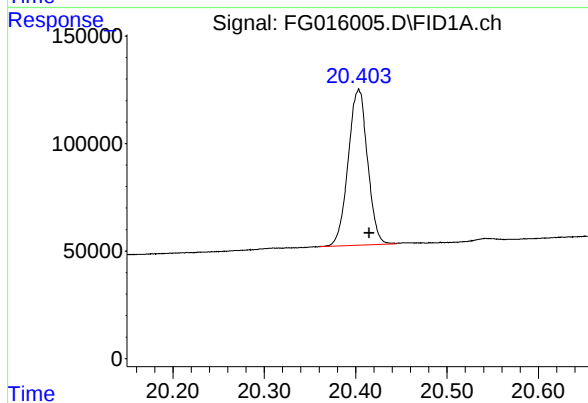
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.013 min
Response: 2337909
Conc: 17.46 ug/ml



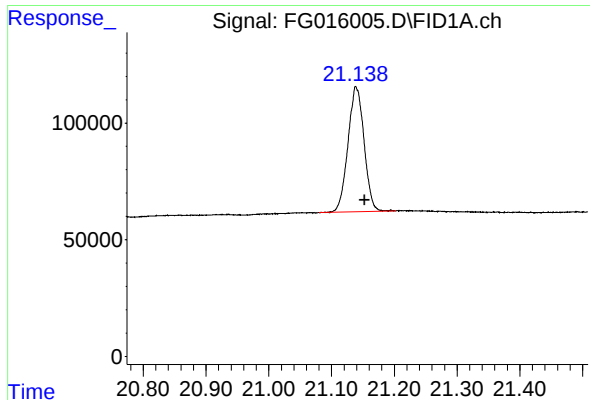
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.014 min
Response: 1514696
Conc: 12.49 ug/ml



#16 N-HEXATRIACONTANE

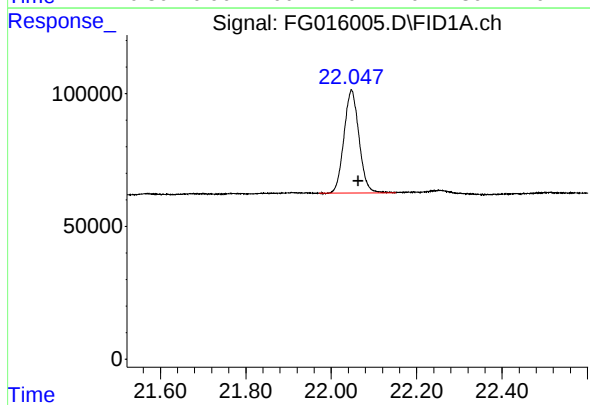
R.T.: 20.403 min
Delta R.T.: -0.012 min
Response: 1064190
Conc: 9.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.139 min
Delta R.T.: -0.014 min
Response: 954536
Conc: 9.95 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168365BS



#18 N-TETRACONTANE

R.T.: 22.048 min
Delta R.T.: -0.016 min
Response: 951696
Conc: 10.82 ug/ml