

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016988.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2025 01:24
 Operator : YP\AJ
 Sample : Q3530-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT4-2025

Integration File: autoint1.e
 Quant Time: Nov 26 05:05:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.138	1967423	18.288 ug/ml
Target Compounds			
1) N-OCTANE	2.084	538896	4.548 ug/ml
2) N-DECANE	4.617	523213	4.526 ug/ml
3) N-DODECANE	6.800	513256	4.403 ug/ml
4) N-TETRADECANE	8.642	459998	4.024 ug/ml
5) N-HEXADECANE	10.262	467663	4.072 ug/ml
6) N-OCTADECANE	11.711	517199	4.251 ug/ml
7) N-EICOSANE	13.029	557594	4.428 ug/ml
8) N-DOCOSANE	14.235	571882	4.647 ug/ml
10) N-TETRACOSANE	15.345	561486	4.594 ug/ml
11) N-HEXACOSANE	16.374	539859	4.571 ug/ml
12) N-OCTACOSANE	17.329	555992	4.700 ug/ml
13) N-TRIACONTANE	18.221	606743	5.162 ug/ml
14) N-DOTRIACONTANE	19.058	974138	8.590 ug/ml
15) N-TETRATRIACONTANE	19.847	1744182	16.490 ug/ml
16) N-HEXATRIACONTANE	20.592	2656565	28.095 ug/ml
17) N-OCTATRIACONTANE	21.367	3195550	39.621 ug/ml
18) N-TETRACONTANE	22.347	3300522	47.199 ug/ml

(f)=RT Delta > 1/2 Window

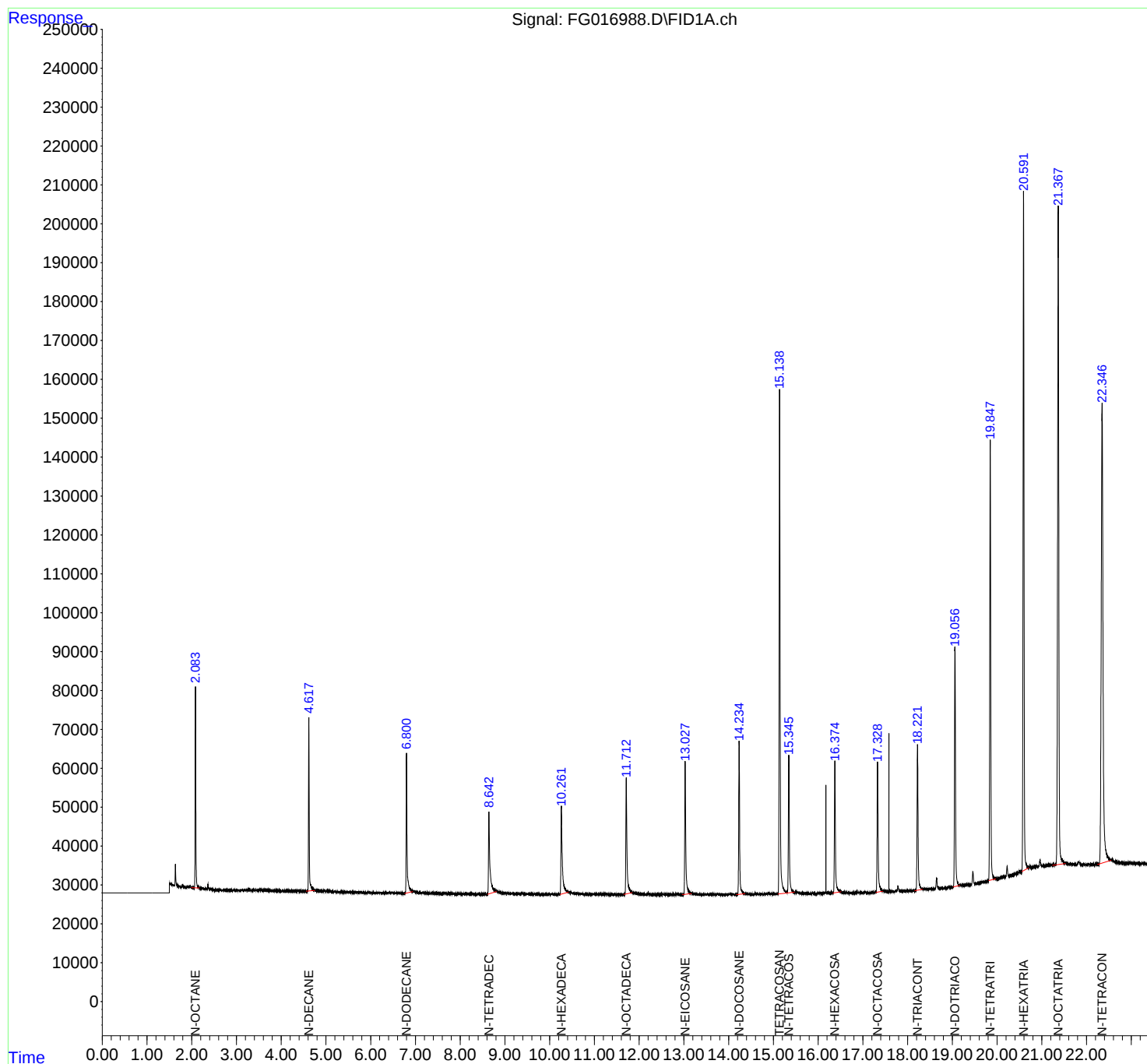
(m)=manual int.

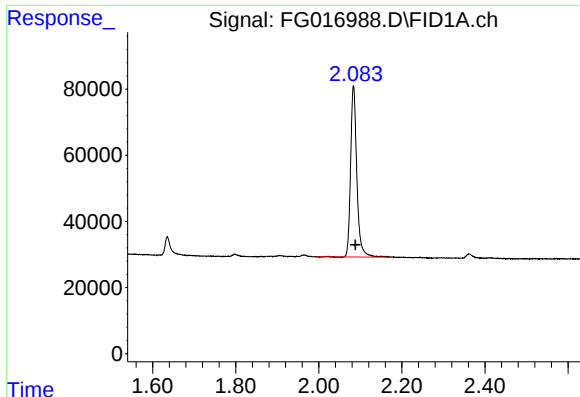
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Signal Info : 20mx0.18mmx0.18um

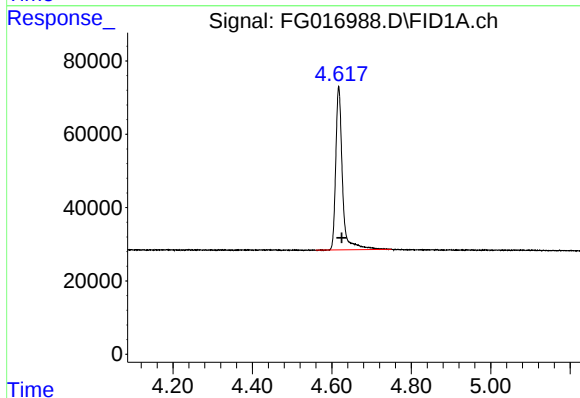




#1 N-OCTANE

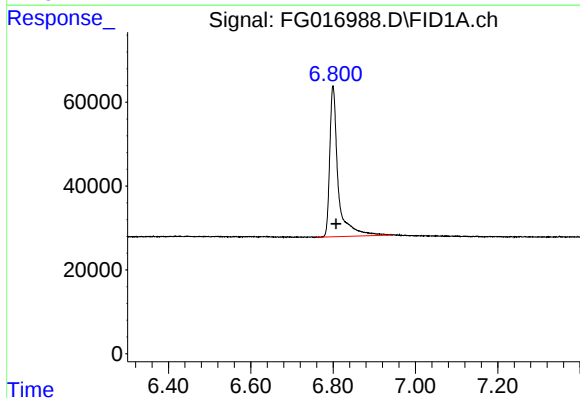
R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 538896
Conc: 4.55 ug/ml

Instrument :
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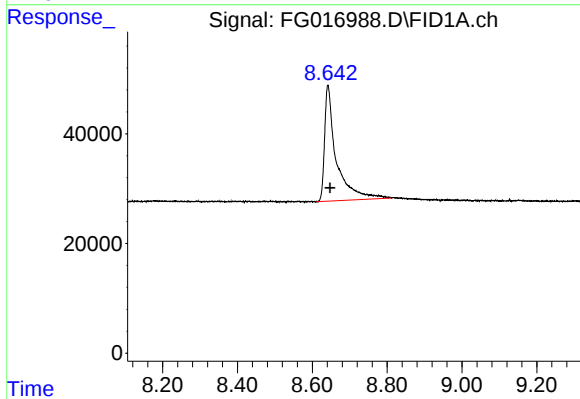
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.007 min
Response: 523213
Conc: 4.53 ug/ml



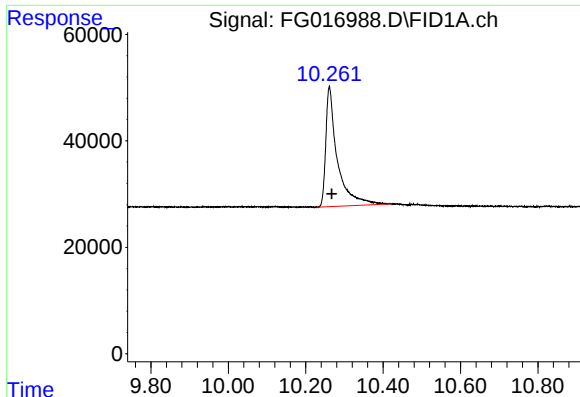
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: -0.007 min
Response: 513256
Conc: 4.40 ug/ml



#4 N-TETRADECANE

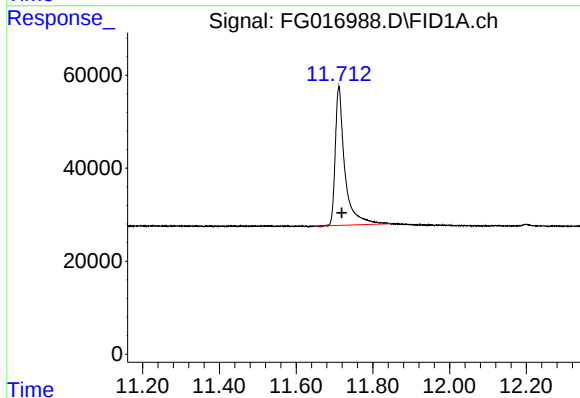
R.T.: 8.642 min
Delta R.T.: -0.005 min
Response: 459998
Conc: 4.02 ug/ml



#5 N-HEXADECANE

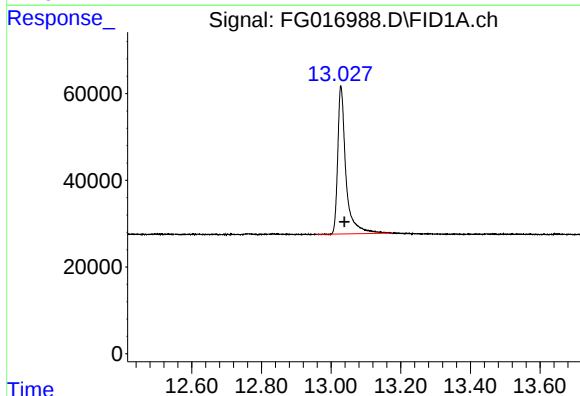
R.T.: 10.262 min
Delta R.T.: -0.006 min
Response: 467663
Conc: 4.07 ug/ml

Instrument :
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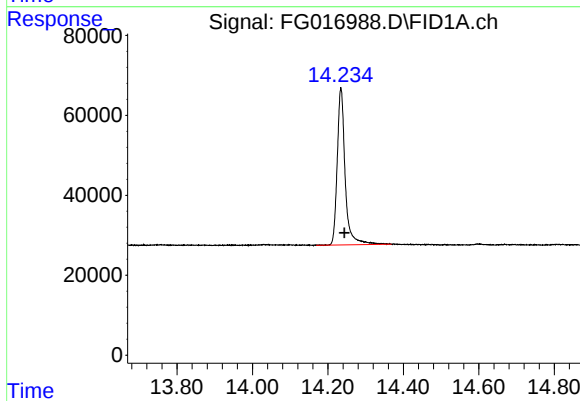
#6 N-OCTADECANE

R.T.: 11.711 min
Delta R.T.: -0.008 min
Response: 517199
Conc: 4.25 ug/ml



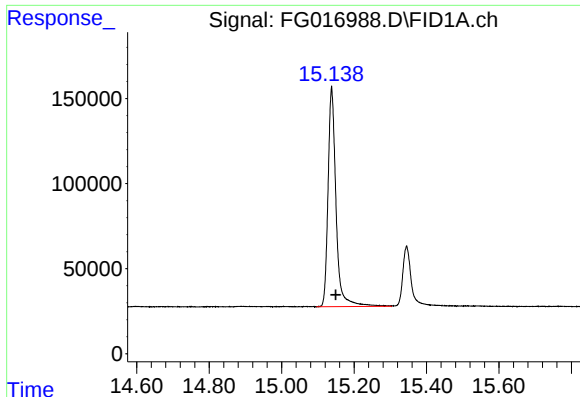
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.009 min
Response: 557594
Conc: 4.43 ug/ml



#8 N-DOCOSANE

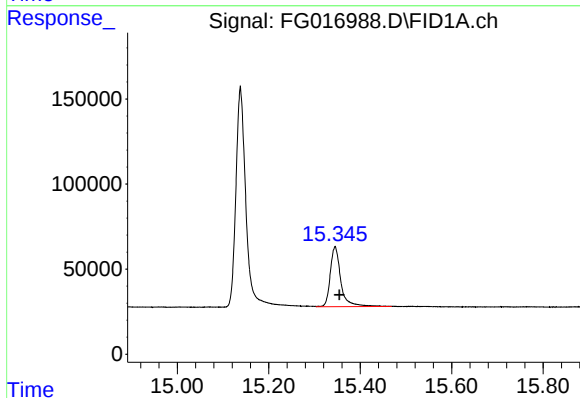
R.T.: 14.235 min
Delta R.T.: -0.009 min
Response: 571882
Conc: 4.65 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

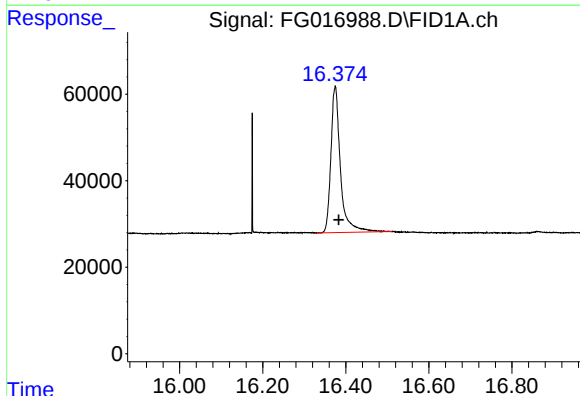
R.T.: 15.138 min
Delta R.T.: -0.011 min
Response: 1967423
Conc: 18.29 ug/ml

Instrument :
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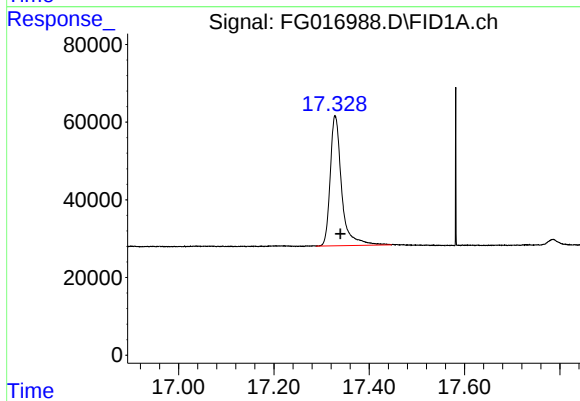
#10 N-TETRACOSANE

R.T.: 15.345 min
Delta R.T.: -0.009 min
Response: 561486
Conc: 4.59 ug/ml



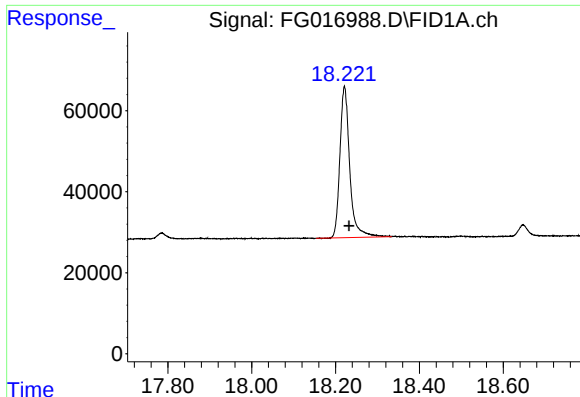
#11 N-HEXACOSANE

R.T.: 16.374 min
Delta R.T.: -0.009 min
Response: 539859
Conc: 4.57 ug/ml



#12 N-OCTACOSANE

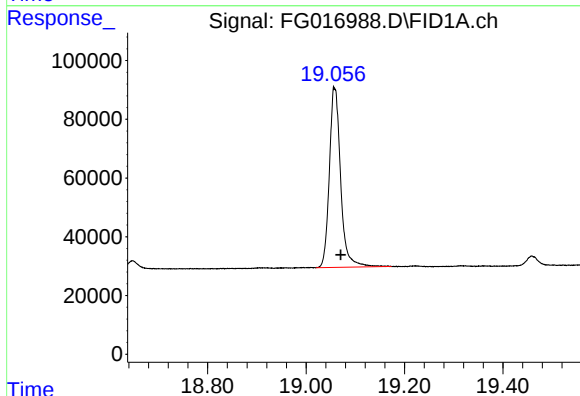
R.T.: 17.329 min
Delta R.T.: -0.011 min
Response: 555992
Conc: 4.70 ug/ml



#13 N-TRIACONTANE

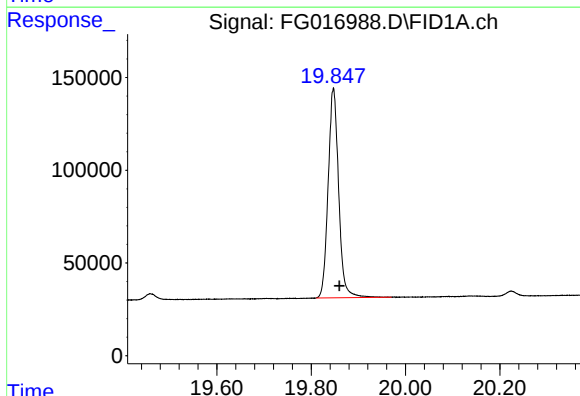
R.T.: 18.221 min
Delta R.T.: -0.011 min
Response: 606743
Conc: 5.16 ug/ml

Instrument :
FID_G
ClientSampleId :
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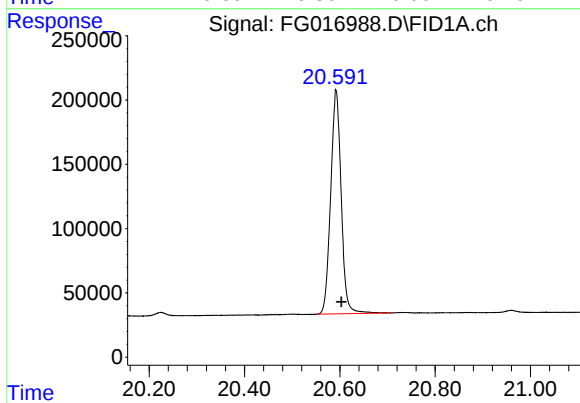
#14 N-DOTRIACONTANE

R.T.: 19.058 min
Delta R.T.: -0.012 min
Response: 974138
Conc: 8.59 ug/ml



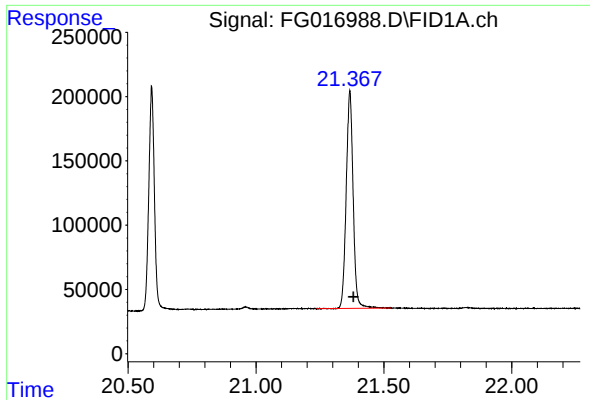
#15 N-TETRATRIACONTANE

R.T.: 19.847 min
Delta R.T.: -0.013 min
Response: 1744182
Conc: 16.49 ug/ml



#16 N-HEXATRIACONTANE

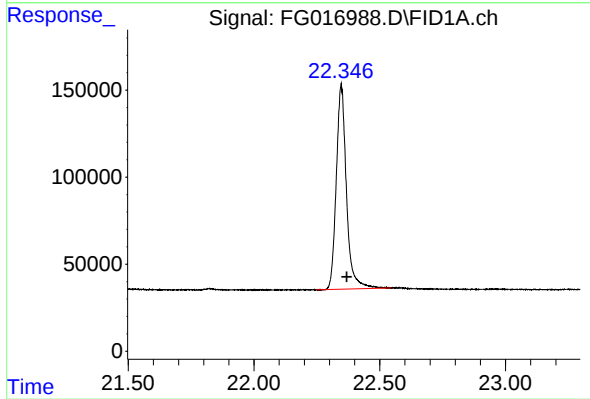
R.T.: 20.592 min
Delta R.T.: -0.012 min
Response: 2656565
Conc: 28.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.367 min
Delta R.T.: -0.014 min
Response: 3195550
Conc: 39.62 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.347 min
Delta R.T.: -0.022 min
Response: 3300522
Conc: 47.20 ug/ml