

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016422.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 16:08
 Operator : YP\AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Integration File: autoint1.e
 Quant Time: Aug 28 04:23:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.188	1704971	17.895 ug/ml
Target Compounds			
1) N-OCTANE	2.112	100020	0.943 ug/ml
2) N-DECANE	4.657	102697	0.950 ug/ml
3) N-DODECANE	6.839	91511	0.842 ug/ml
4) N-TETRADECANE	8.681	86961	0.795 ug/ml
5) N-HEXADECANE	10.302	104558	0.962 ug/ml
6) N-OCTADECANE	11.754	109342	0.988 ug/ml
7) N-EICOSANE	13.073	113547	1.005 ug/ml
8) N-DOCOSANE	14.281	109889	1.000 ug/ml
10) N-TETRACOSANE	15.393	111936	1.022 ug/ml
11) N-HEXACOSANE	16.422	108649	1.016 ug/ml
12) N-OCTACOSANE	17.378	107349	0.996 ug/ml
13) N-TRIACONTANE	18.272	114285	1.049 ug/ml
14) N-DOTRIACONTANE	19.109	117233	1.113 ug/ml
15) N-TETRATRIACONTANE	19.899	79333	0.833 ug/ml
16) N-HEXATRIACONTANE	20.643	61182	0.819 ug/ml
17) N-OCTATRIACONTANE	21.431	43814	0.731 ug/ml
18) N-TETRACONTANE	22.431	64539	1.535 ug/ml

(f)=RT Delta > 1/2 Window

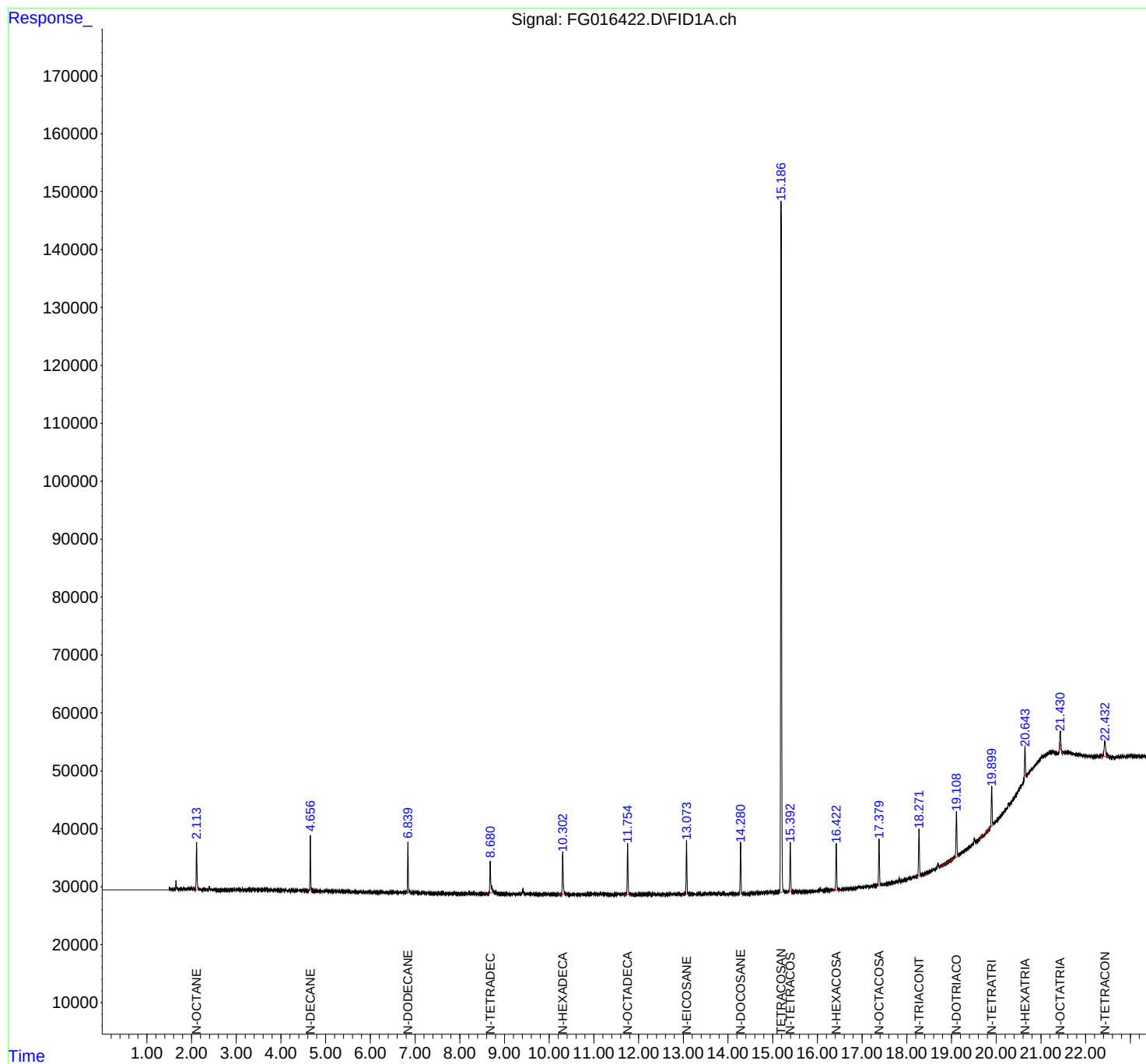
(m)=manual int.

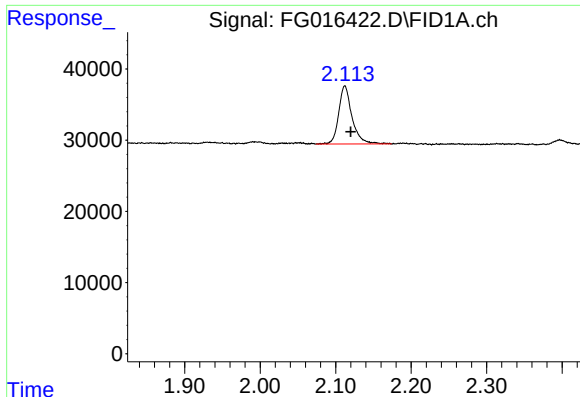
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

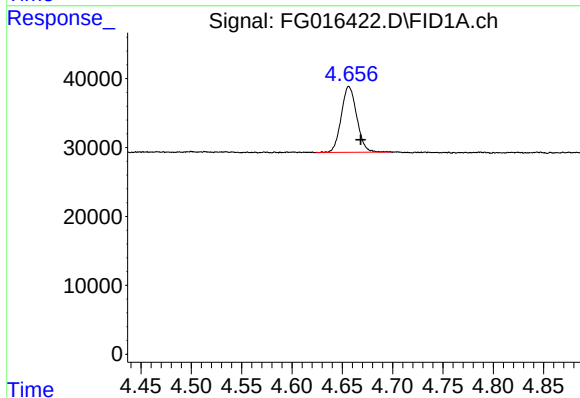




#1 N-OCTANE

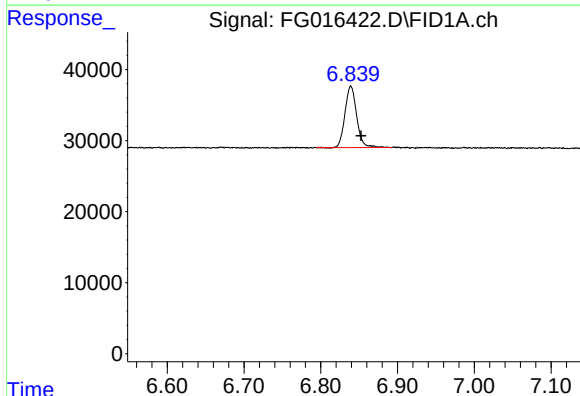
R.T.: 2.112 min
Delta R.T.: -0.008 min
Response: 100020
Conc: 0.94 ug/ml

Instrument :
FID_G
ClientSampleId :
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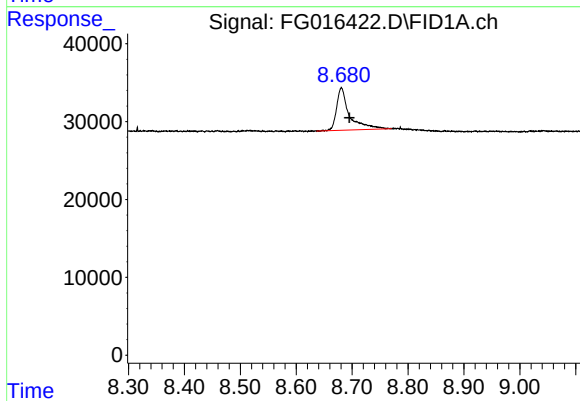
#2 N-DECANE

R.T.: 4.657 min
Delta R.T.: -0.012 min
Response: 102697
Conc: 0.95 ug/ml



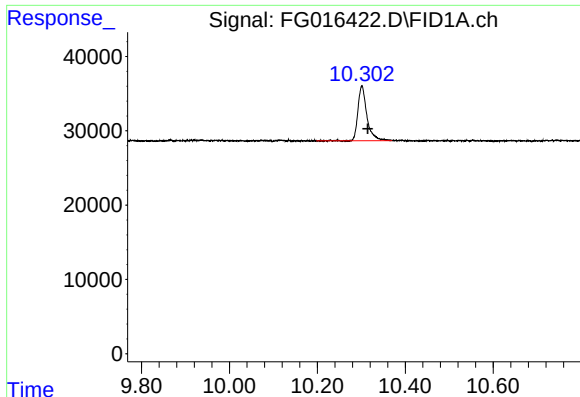
#3 N-DODECANE

R.T.: 6.839 min
Delta R.T.: -0.013 min
Response: 91511
Conc: 0.84 ug/ml



#4 N-TETRADECANE

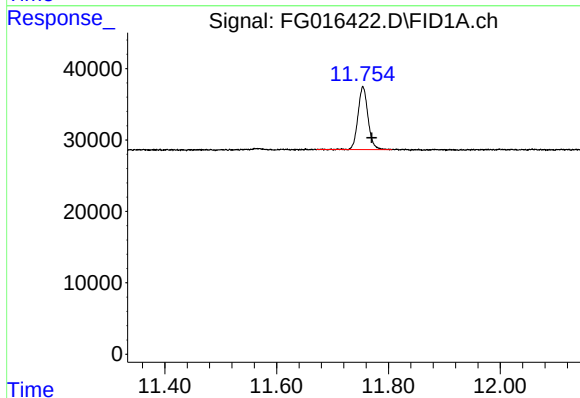
R.T.: 8.681 min
Delta R.T.: -0.014 min
Response: 86961
Conc: 0.80 ug/ml



#5 N-HEXADECANE

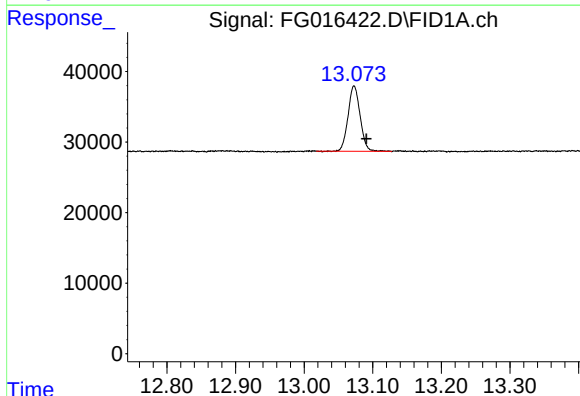
R.T.: 10.302 min
Delta R.T.: -0.013 min
Response: 104558
Conc: 0.96 ug/ml

Instrument :
FID_G
ClientSampleId :
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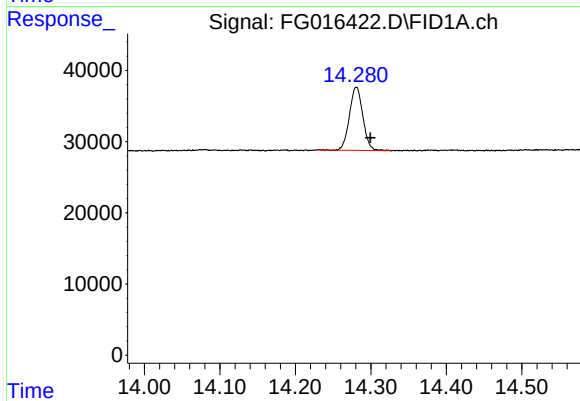
#6 N-OCTADECANE

R.T.: 11.754 min
Delta R.T.: -0.015 min
Response: 109342
Conc: 0.99 ug/ml



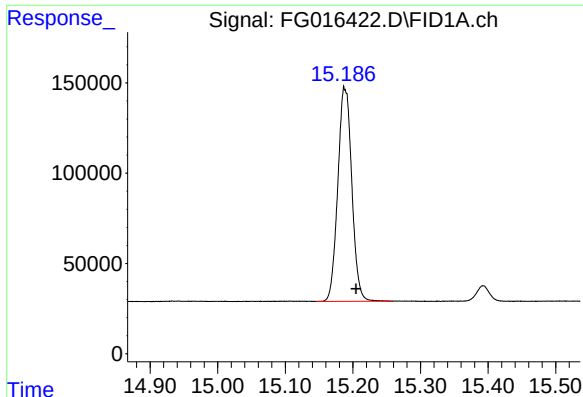
#7 N-EICOSANE

R.T.: 13.073 min
Delta R.T.: -0.018 min
Response: 113547
Conc: 1.00 ug/ml



#8 N-DOCOSANE

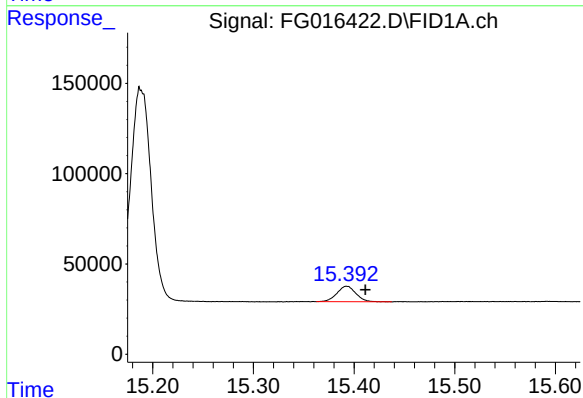
R.T.: 14.281 min
Delta R.T.: -0.018 min
Response: 109889
Conc: 1.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

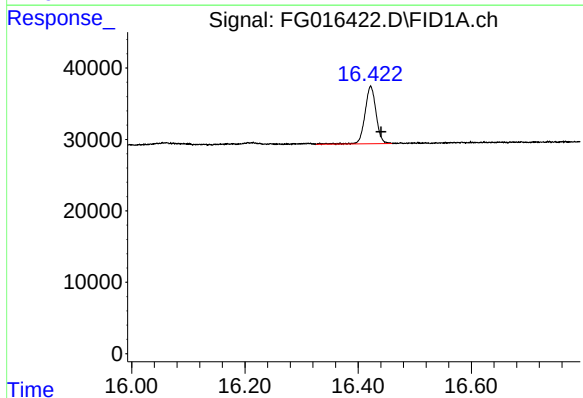
R.T.: 15.188 min
Delta R.T.: -0.017 min
Response: 1704971
Conc: 17.90 ug/ml

Instrument :
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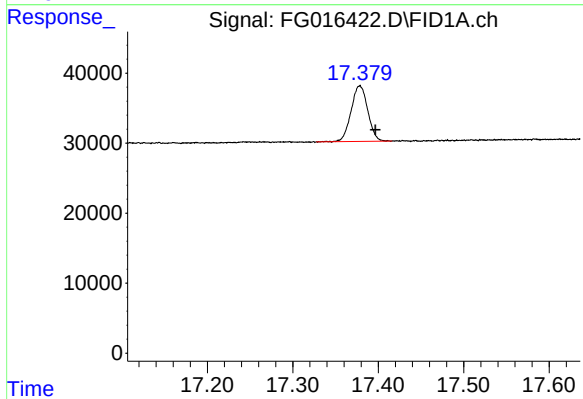
#10 N-TETRACOSANE

R.T.: 15.393 min
Delta R.T.: -0.018 min
Response: 111936
Conc: 1.02 ug/ml



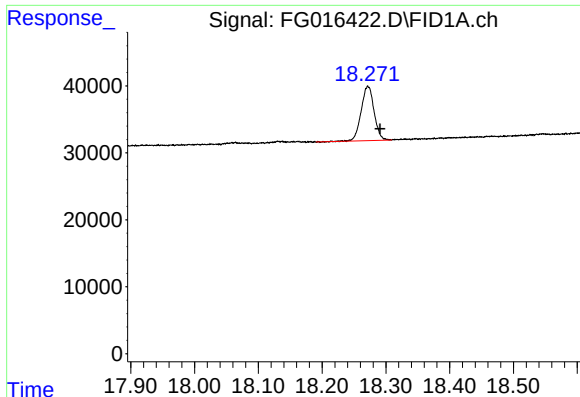
#11 N-HEXACOSANE

R.T.: 16.422 min
Delta R.T.: -0.018 min
Response: 108649
Conc: 1.02 ug/ml



#12 N-OCTACOSANE

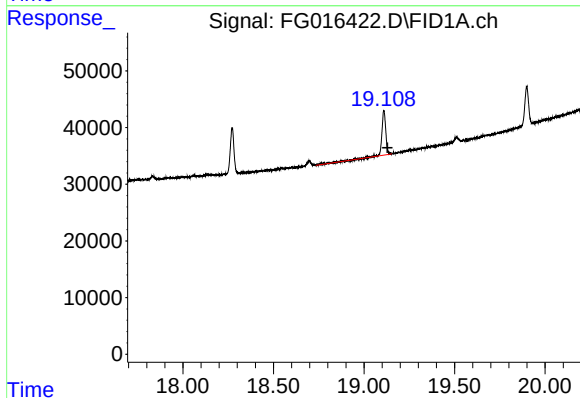
R.T.: 17.378 min
Delta R.T.: -0.018 min
Response: 107349
Conc: 1.00 ug/ml



#13 N-TRIACONTANE

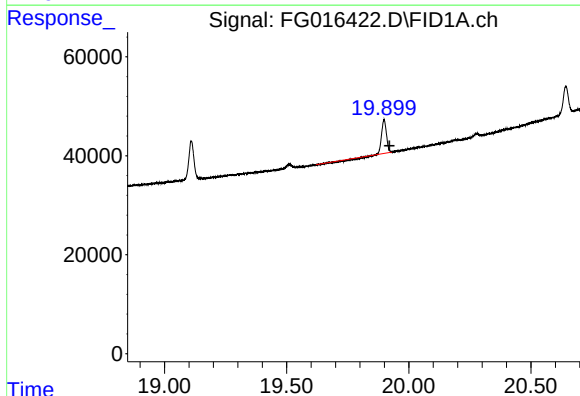
R.T.: 18.272 min
Delta R.T.: -0.019 min
Response: 114285
Conc: 1.05 ug/ml

Instrument :
FID_G
ClientSampleId :
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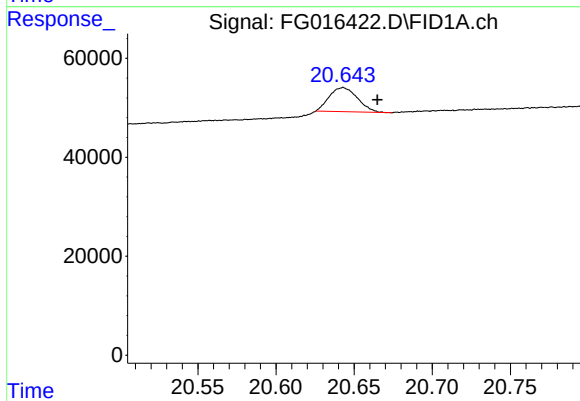
#14 N-DOTRIACONTANE

R.T.: 19.109 min
Delta R.T.: -0.021 min
Response: 117233
Conc: 1.11 ug/ml



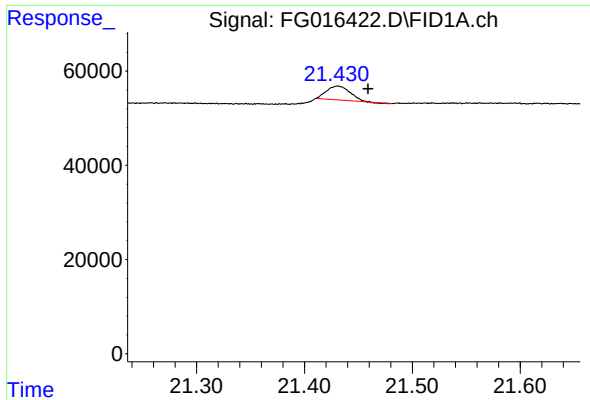
#15 N-TETRATRIACONTANE

R.T.: 19.899 min
Delta R.T.: -0.021 min
Response: 79333
Conc: 0.83 ug/ml



#16 N-HEXATRIACONTANE

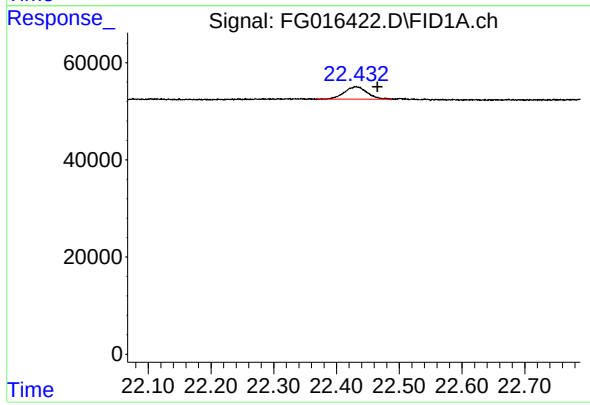
R.T.: 20.643 min
Delta R.T.: -0.022 min
Response: 61182
Conc: 0.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.431 min
Delta R.T.: -0.028 min
Response: 43814
Conc: 0.73 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.431 min
Delta R.T.: -0.035 min
Response: 64539
Conc: 1.54 ug/ml