

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016423.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 16:38
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 28 04:23:30 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	1880301	19.736 ug/ml
Target Compounds			
1) N-OCTANE	2.112	88769	0.837 ug/ml
2) N-DECANE	4.657	94390	0.873 ug/ml
3) N-DODECANE	6.839	83610	0.769 ug/ml
4) N-TETRADECANE	8.681	78038	0.714 ug/ml
5) N-HEXADECANE	10.301	97410	0.896 ug/ml
6) N-OCTADECANE	11.754	100257	0.906 ug/ml
7) N-EICOSANE	13.073	107762	0.953 ug/ml
8) N-DOCOSANE	14.281	100192	0.912 ug/ml
10) N-TETRACOSANE	15.393	105426	0.962 ug/ml
11) N-HEXACOSANE	16.422	101076	0.945 ug/ml
12) N-OCTACOSANE	17.379	102563	0.952 ug/ml
13) N-TRIACONTANE	18.271	108657	0.997 ug/ml
14) N-DOTRIACONTANE	19.110	115240	1.094 ug/ml
15) N-TETRATRIACONTANE	19.898	101669	1.067 ug/ml
16) N-HEXATRIACONTANE	20.642	60799	0.814 ug/ml
17) N-OCTATRIACONTANE	21.430	40938	0.683 ug/ml
18) N-TETRACONTANE	22.432	74773	1.779 ug/ml

(f)=RT Delta > 1/2 Window

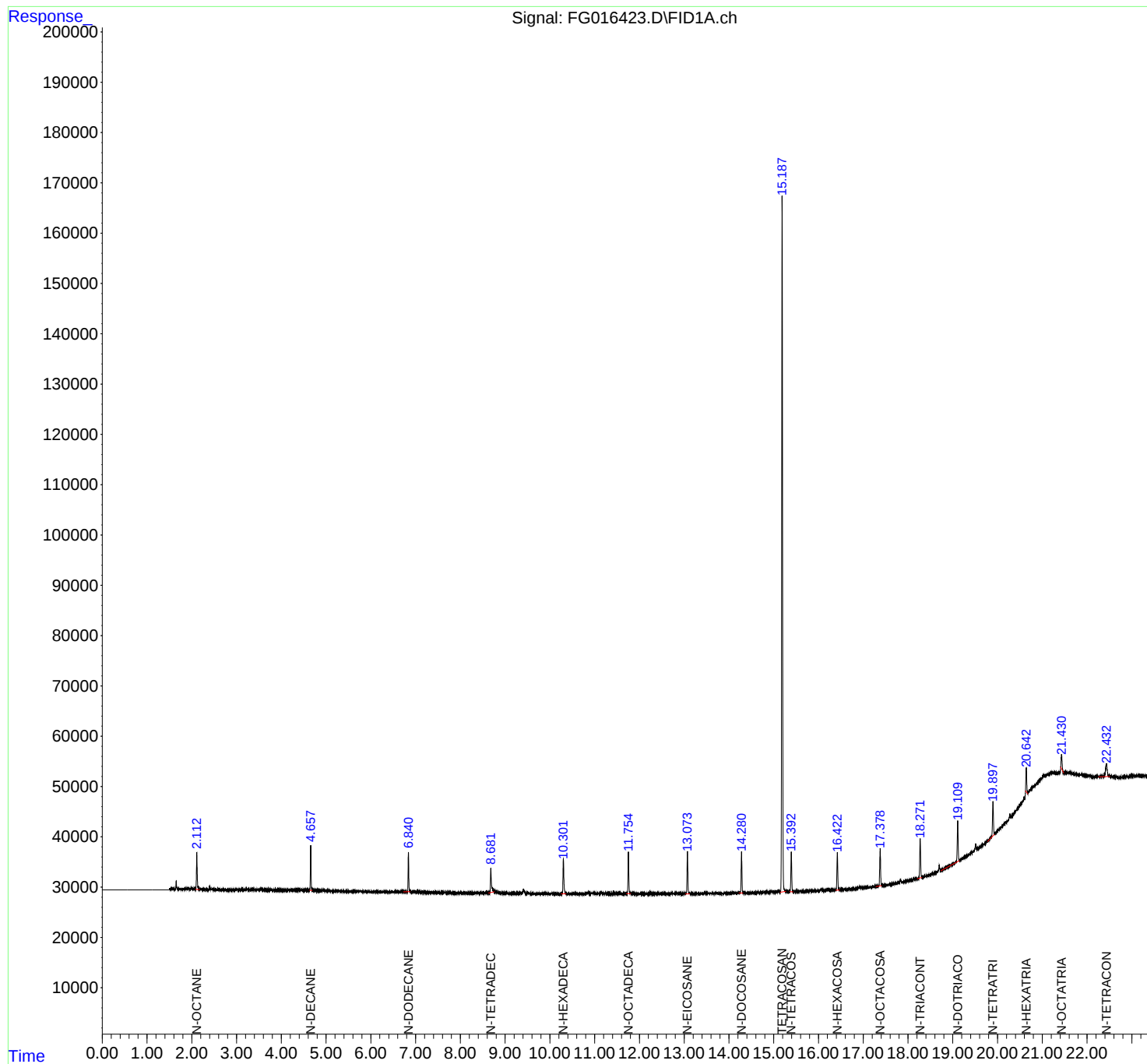
(m)=manual int.

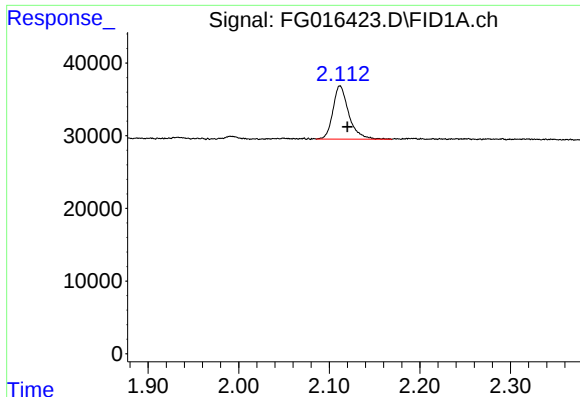
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Signal Info : 20mx0.18mmx0.18um

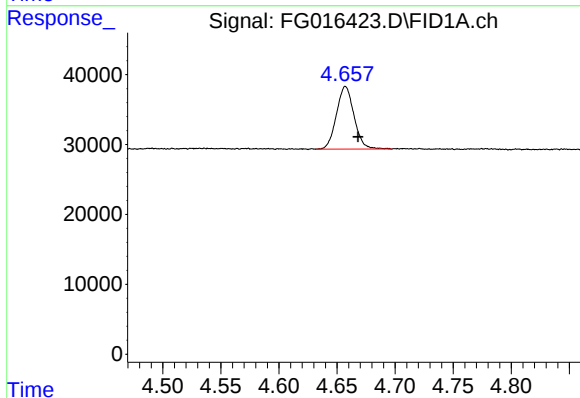




#1 N-OCTANE

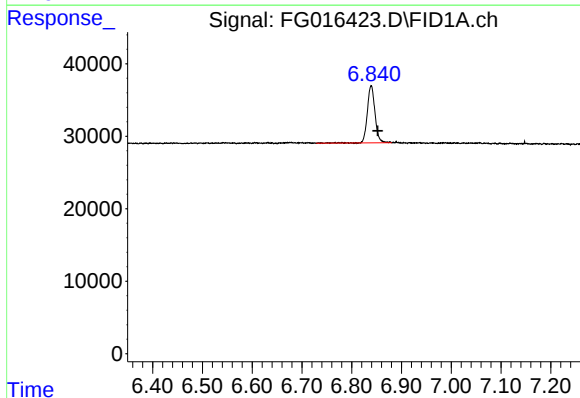
R.T.: 2.112 min
Delta R.T.: -0.008 min
Response: 88769
Conc: 0.84 ug/ml

Instrument :
FID_G
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MDL-SOIL-03-QT3-2025



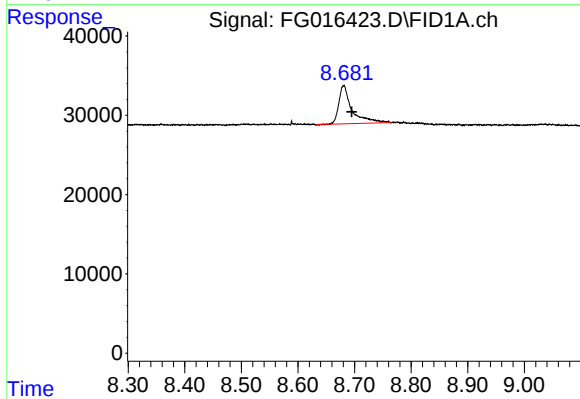
#2 N-DECANE

R.T.: 4.657 min
Delta R.T.: -0.011 min
Response: 94390
Conc: 0.87 ug/ml



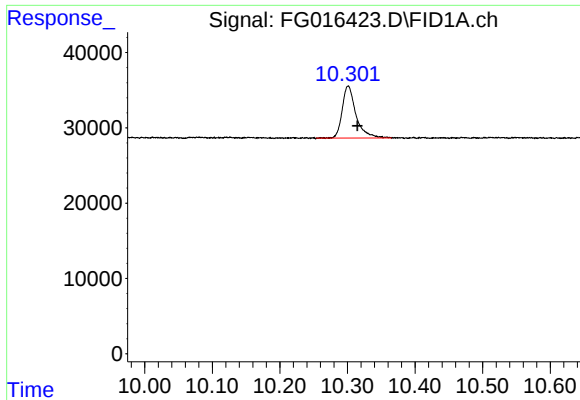
#3 N-DODECANE

R.T.: 6.839 min
Delta R.T.: -0.013 min
Response: 83610
Conc: 0.77 ug/ml



#4 N-TETRADECANE

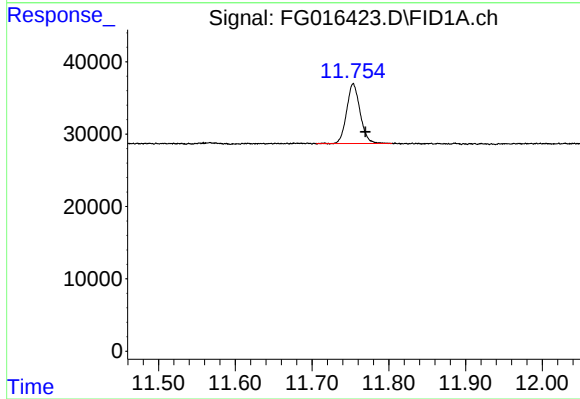
R.T.: 8.681 min
Delta R.T.: -0.014 min
Response: 78038
Conc: 0.71 ug/ml



#5 N-HEXADECANE

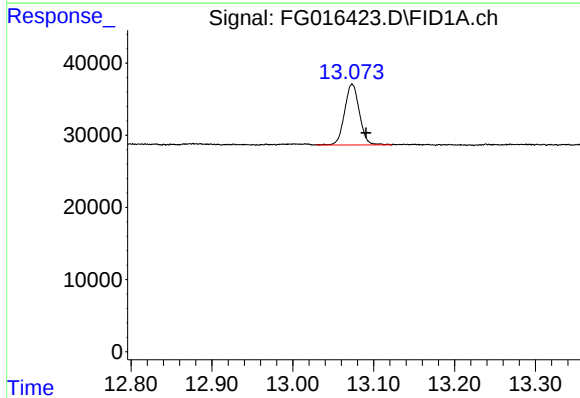
R.T.: 10.301 min
Delta R.T.: -0.013 min
Response: 97410
Conc: 0.90 ug/ml

Instrument :
FID_G
ClientSampleId :
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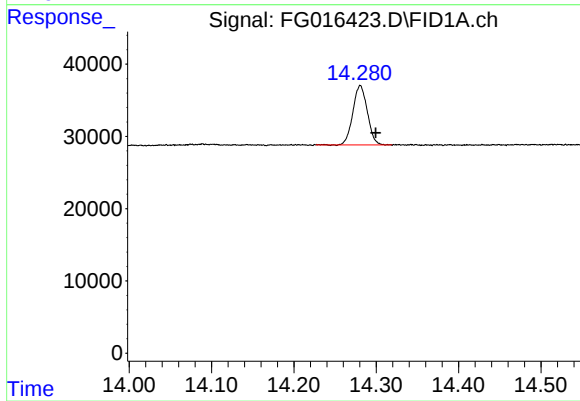
#6 N-OCTADECANE

R.T.: 11.754 min
Delta R.T.: -0.016 min
Response: 100257
Conc: 0.91 ug/ml



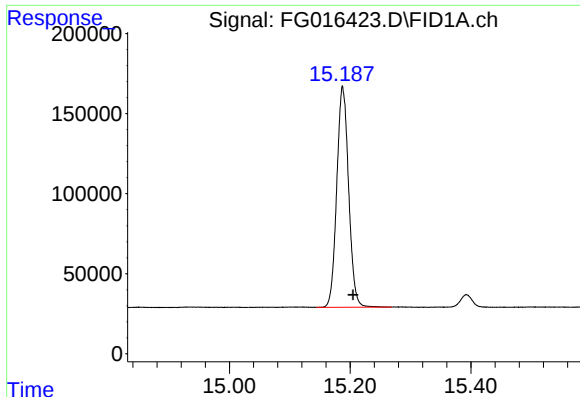
#7 N-EICOSANE

R.T.: 13.073 min
Delta R.T.: -0.017 min
Response: 107762
Conc: 0.95 ug/ml



#8 N-DOCOSANE

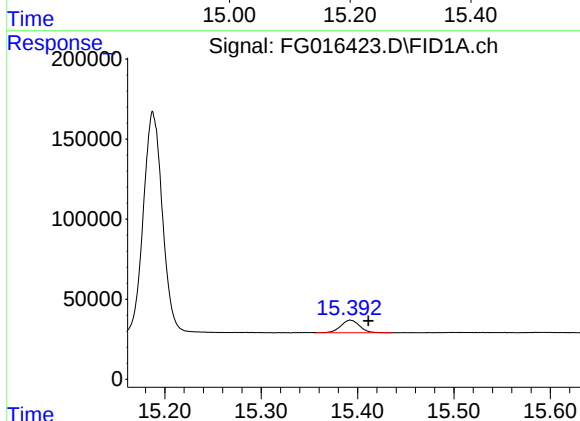
R.T.: 14.281 min
Delta R.T.: -0.019 min
Response: 100192
Conc: 0.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

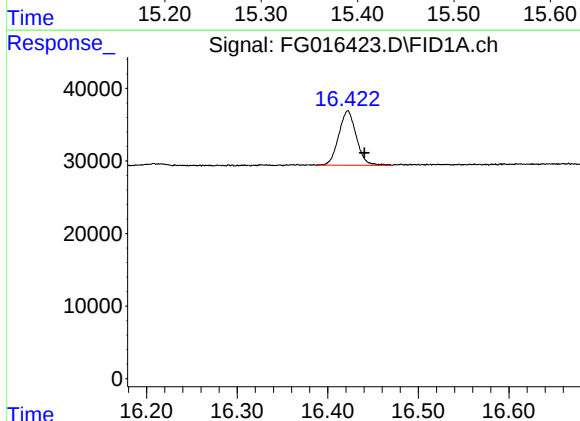
R.T.: 15.188 min
Delta R.T.: -0.017 min
Response: 1880301
Conc: 19.74 ug/ml

Instrument :
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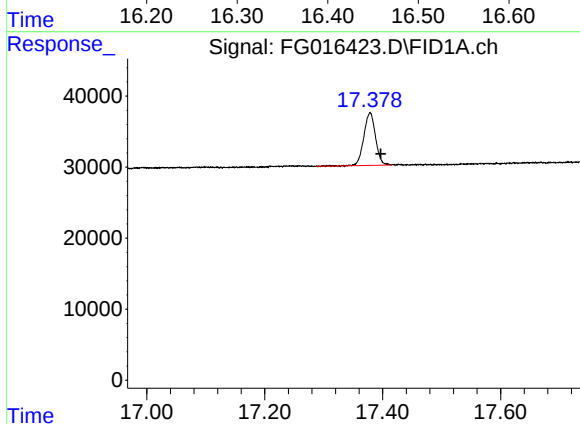
#10 N-TETRACOSANE

R.T.: 15.393 min
Delta R.T.: -0.019 min
Response: 105426
Conc: 0.96 ug/ml



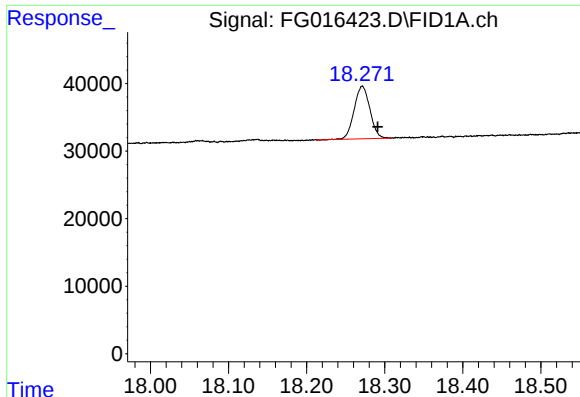
#11 N-HEXACOSANE

R.T.: 16.422 min
Delta R.T.: -0.018 min
Response: 101076
Conc: 0.95 ug/ml



#12 N-OCTACOSANE

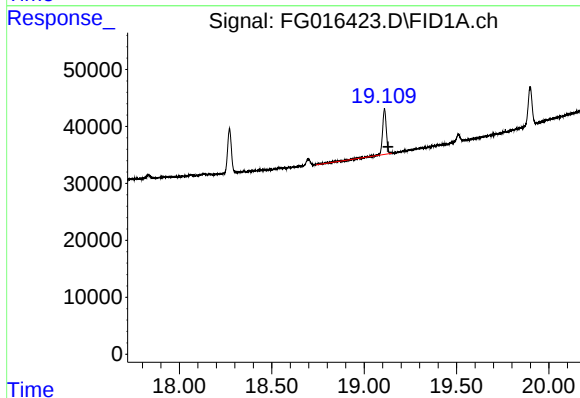
R.T.: 17.379 min
Delta R.T.: -0.018 min
Response: 102563
Conc: 0.95 ug/ml



#13 N-TRIACONTANE

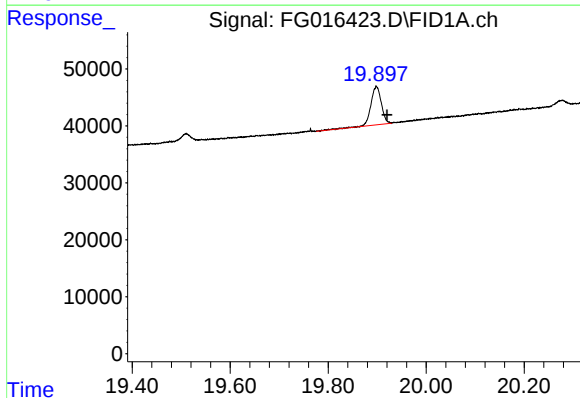
R.T.: 18.271 min
Delta R.T.: -0.020 min
Response: 108657
Conc: 1.00 ug/ml

Instrument :
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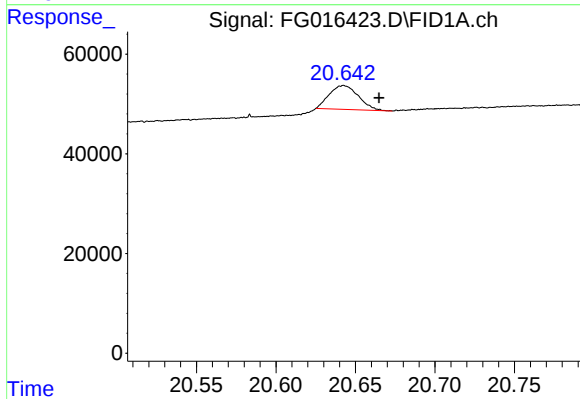
#14 N-DOTRIACONTANE

R.T.: 19.110 min
Delta R.T.: -0.020 min
Response: 115240
Conc: 1.09 ug/ml



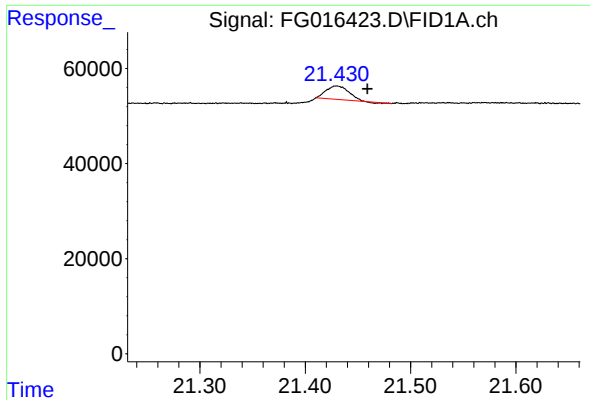
#15 N-TETRATRIACONTANE

R.T.: 19.898 min
Delta R.T.: -0.021 min
Response: 101669
Conc: 1.07 ug/ml



#16 N-HEXATRIACONTANE

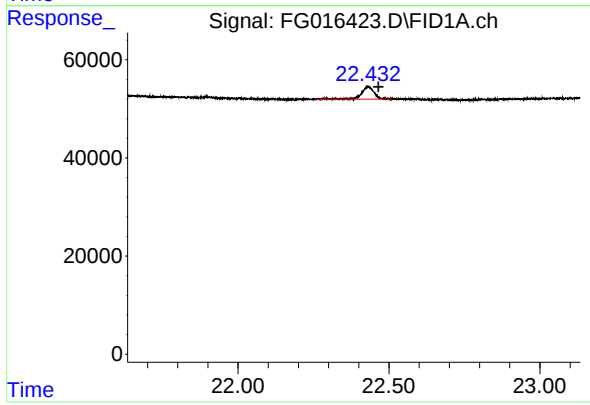
R.T.: 20.642 min
Delta R.T.: -0.023 min
Response: 60799
Conc: 0.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.430 min
Delta R.T.: -0.029 min
Response: 40938
Conc: 0.68 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.432 min
Delta R.T.: -0.034 min
Response: 74773
Conc: 1.78 ug/ml