

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016414.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 12:09
 Operator : YP\AJ
 Sample : Q2893-06
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e
 Quant Time: Aug 28 04:20:36 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...	15.190	1937630	20.337 ug/ml
Target Compounds			
1) N-OCTANE	2.112	114508	1.079 ug/ml
2) N-DECANE	4.658	123694	1.145 ug/ml
3) N-DODECANE	6.840	112945	1.039 ug/ml
4) N-TETRADECANE	8.681	113683	1.040 ug/ml
5) N-HEXADECANE	10.302	127401	1.172 ug/ml
6) N-OCTADECANE	11.755	131563	1.189 ug/ml
7) N-EICOSANE	13.075	136395	1.207 ug/ml
8) N-DOCOSANE	14.282	132246	1.204 ug/ml
10) N-TETRACOSANE	15.394	139139	1.270 ug/ml
11) N-HEXACOSANE	16.423	137955	1.290 ug/ml
12) N-OCTACOSANE	17.379	149885	1.391 ug/ml
13) N-TRIACONTANE	18.273	193710	1.778 ug/ml
14) N-DOTRIACONTANE	19.111	218139	2.071 ug/mlm
15) N-TETRATRIACONTANE	19.899	191208	2.007 ug/mlm
16) N-HEXATRIACONTANE	20.644	145763	1.951 ug/mlm
17) N-OCTATRIACONTANE	21.433	108993	1.818 ug/mlm
18) N-TETRACONTANE	22.432	91914	2.187 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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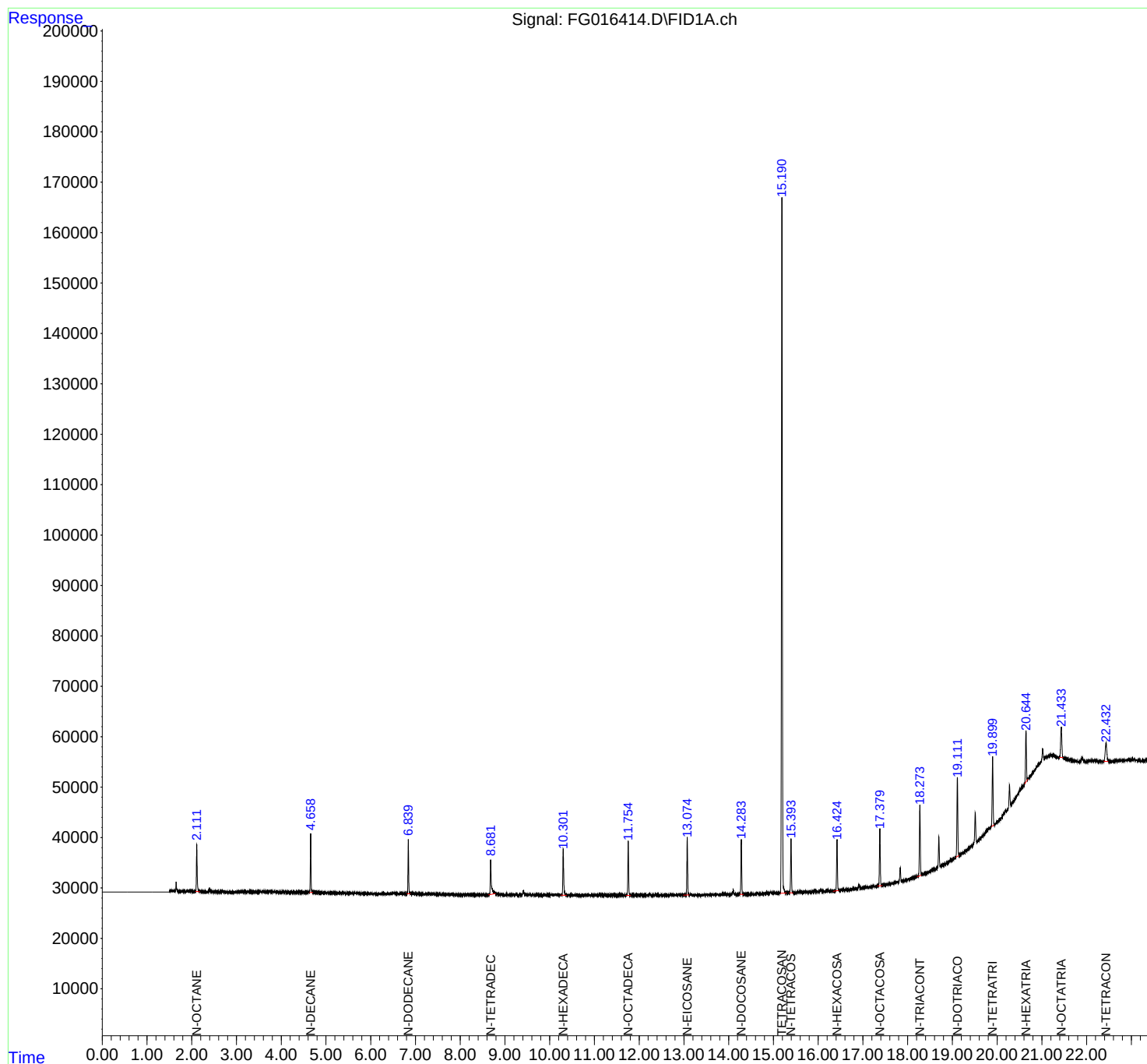
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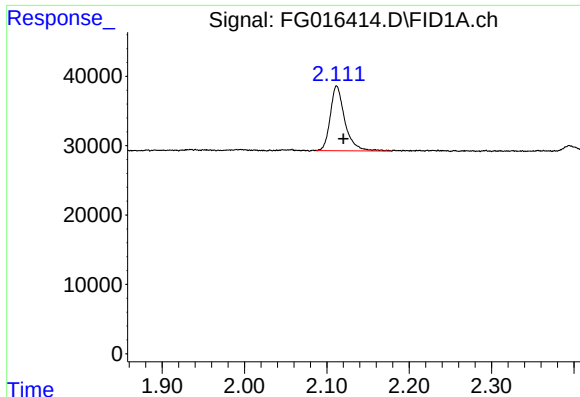
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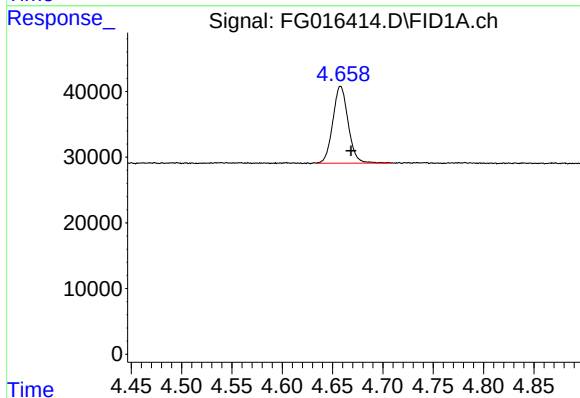
#1 N-OCTANE

R.T.: 2.112 min
Delta R.T.: -0.008 min
Response: 114508
Conc: 1.08 ug/ml

Instrument : FID_G
ClientSampleId : MDL-SOIL-06-QT3-2025

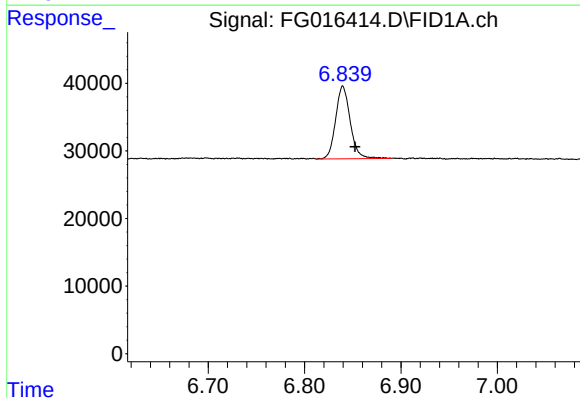
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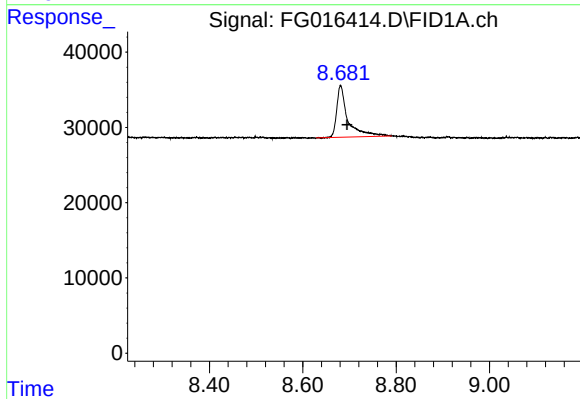
#2 N-DECANE

R.T.: 4.658 min
Delta R.T.: -0.010 min
Response: 123694
Conc: 1.14 ug/ml



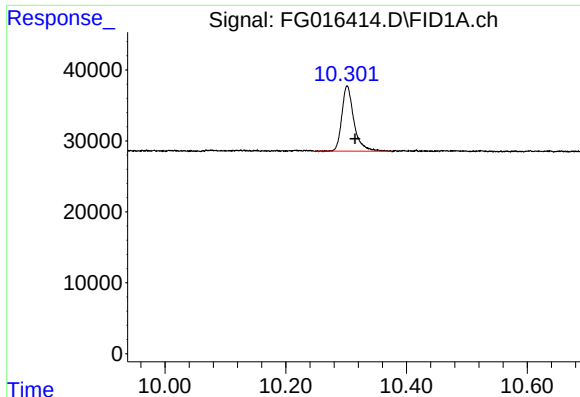
#3 N-DODECANE

R.T.: 6.840 min
Delta R.T.: -0.013 min
Response: 112945
Conc: 1.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.681 min
Delta R.T.: -0.014 min
Response: 113683
Conc: 1.04 ug/ml



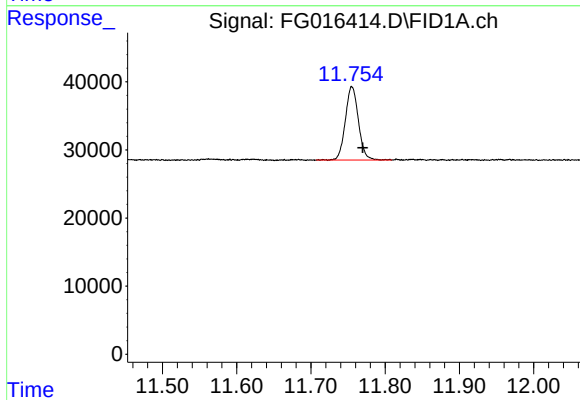
#5 N-HEXADECANE

R.T.: 10.302 min
Delta R.T.: -0.013 min
Response: 127401
Conc: 1.17 ug/ml

Instrument :
FID_G
ClientSampleId :
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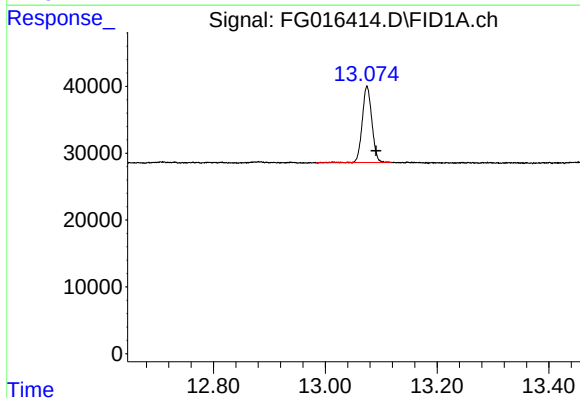
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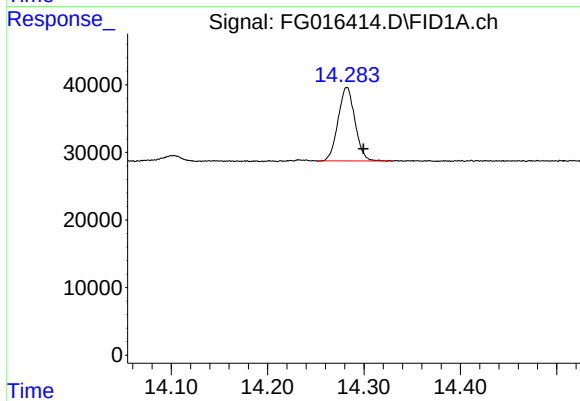
#6 N-OCTADECANE

R.T.: 11.755 min
Delta R.T.: -0.015 min
Response: 131563
Conc: 1.19 ug/ml



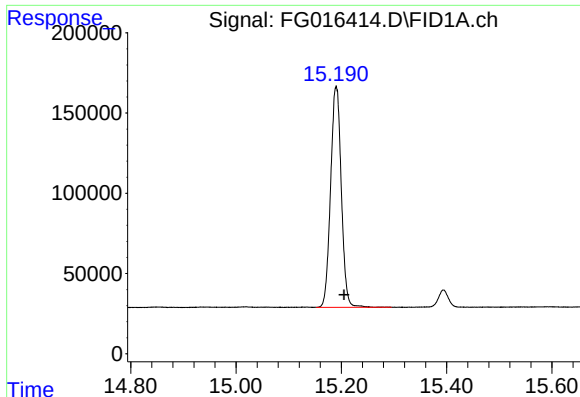
#7 N-EICOSANE

R.T.: 13.075 min
Delta R.T.: -0.016 min
Response: 136395
Conc: 1.21 ug/ml



#8 N-DOCOSANE

R.T.: 14.282 min
Delta R.T.: -0.017 min
Response: 132246
Conc: 1.20 ug/ml



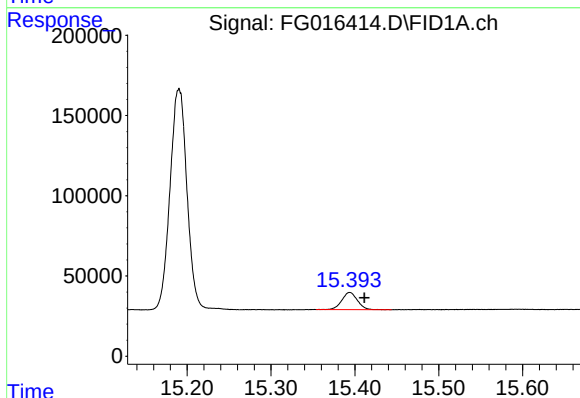
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.190 min
Delta R.T.: -0.015 min
Response: 1937630
Conc: 20.34 ug/ml

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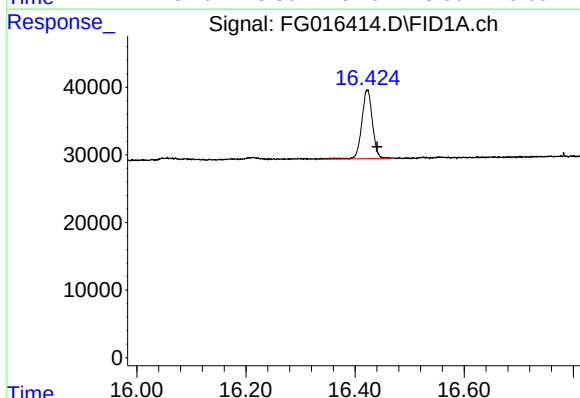
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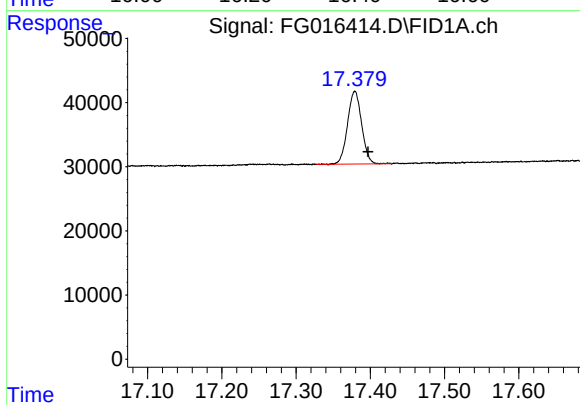
#10 N-TETRACOSANE

R.T.: 15.394 min
Delta R.T.: -0.017 min
Response: 139139
Conc: 1.27 ug/ml



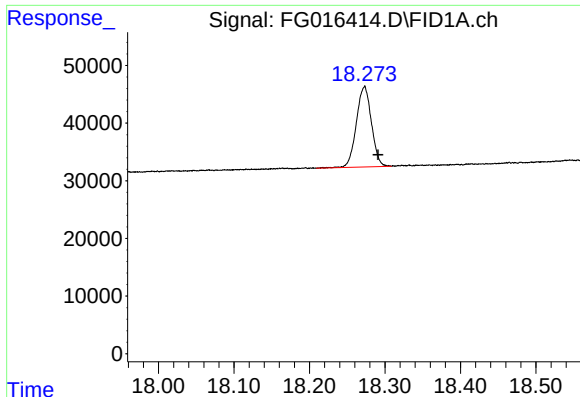
#11 N-HEXACOSANE

R.T.: 16.423 min
Delta R.T.: -0.018 min
Response: 137955
Conc: 1.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.379 min
Delta R.T.: -0.018 min
Response: 149885
Conc: 1.39 ug/ml



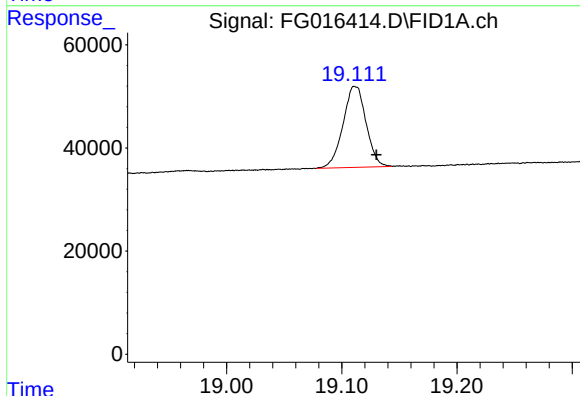
#13 N-TRIACONTANE

R.T.: 18.273 min
Delta R.T.: -0.018 min
Response: 193710
Conc: 1.78 ug/ml

Instrument :
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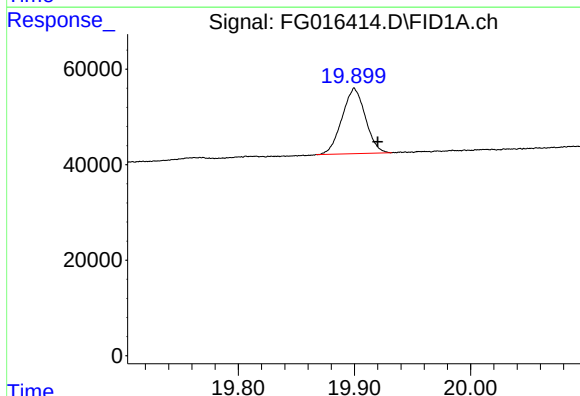
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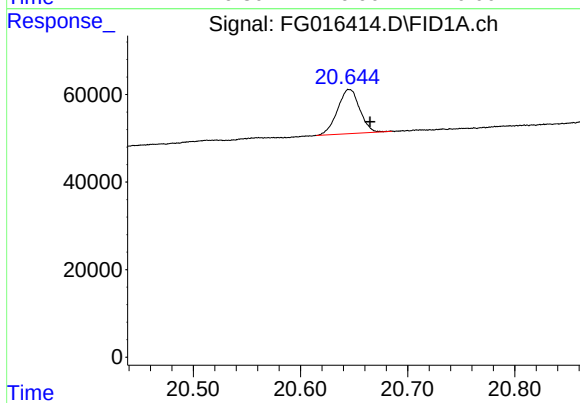
#14 N-DOTRIACONTANE

R.T.: 19.111 min
Delta R.T.: -0.019 min
Response: 218139
Conc: 2.07 ug/ml m



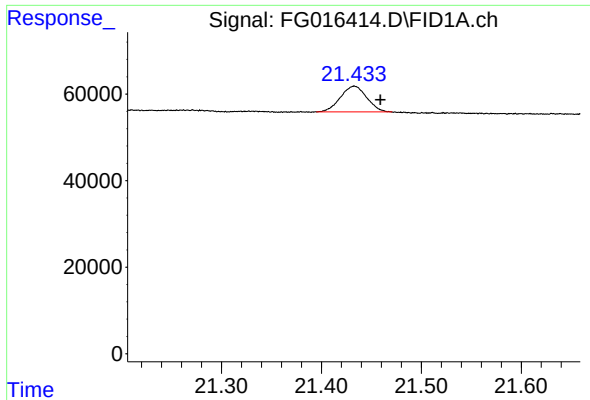
#15 N-TETRATRIACONTANE

R.T.: 19.899 min
Delta R.T.: -0.021 min
Response: 191208
Conc: 2.01 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.644 min
Delta R.T.: -0.021 min
Response: 145763
Conc: 1.95 ug/ml m



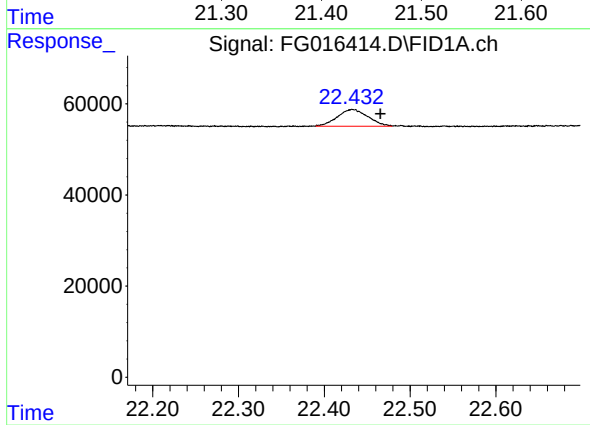
#17 N-OCTATRIACONTANE

R.T.: 21.433 min
Delta R.T.: -0.026 min
Response: 108993
Conc: 1.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.432 min
Delta R.T.: -0.034 min
Response: 91914
Conc: 2.19 ug/ml m