

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015143.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 19:57
 Operator : YP\AJ
 Sample : Q1168-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 04:06:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 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...	15.045	2077578	16.196 ug/ml
Target Compounds			
1) N-OCTANE	2.010	256266	2.100 ug/ml
2) N-DECANE	4.542	290524	2.249 ug/ml
3) N-DODECANE	6.722	302495	2.220 ug/ml
4) N-TETRADECANE	8.558	310078	2.266 ug/ml
5) N-HEXADECANE	10.173	316339	2.242 ug/ml
6) N-OCTADECANE	11.622	321426	2.191 ug/ml
7) N-EICOSANE	12.938	325971	2.242 ug/ml
8) N-DOCOSANE	14.142	312761	2.180 ug/ml
10) N-TETRACOSANE	15.248	307842	2.155 ug/ml
11) N-HEXACOSANE	16.273	301166	2.138 ug/ml
12) N-OCTACOSANE	17.225	294745	2.105 ug/ml
13) N-TRIACONTANE	18.116	299874	2.108 ug/ml
14) N-DOTRIACONTANE	18.950	289808	2.085 ug/ml
15) N-TETRATRIACONTANE	19.737	259756	2.073 ug/ml
16) N-HEXATRIACONTANE	20.478	218873	2.025 ug/ml
17) N-OCTATRIACONTANE	21.227	190215	1.928 ug/mlm
18) N-TETRACONTANE	22.164	163155	1.757 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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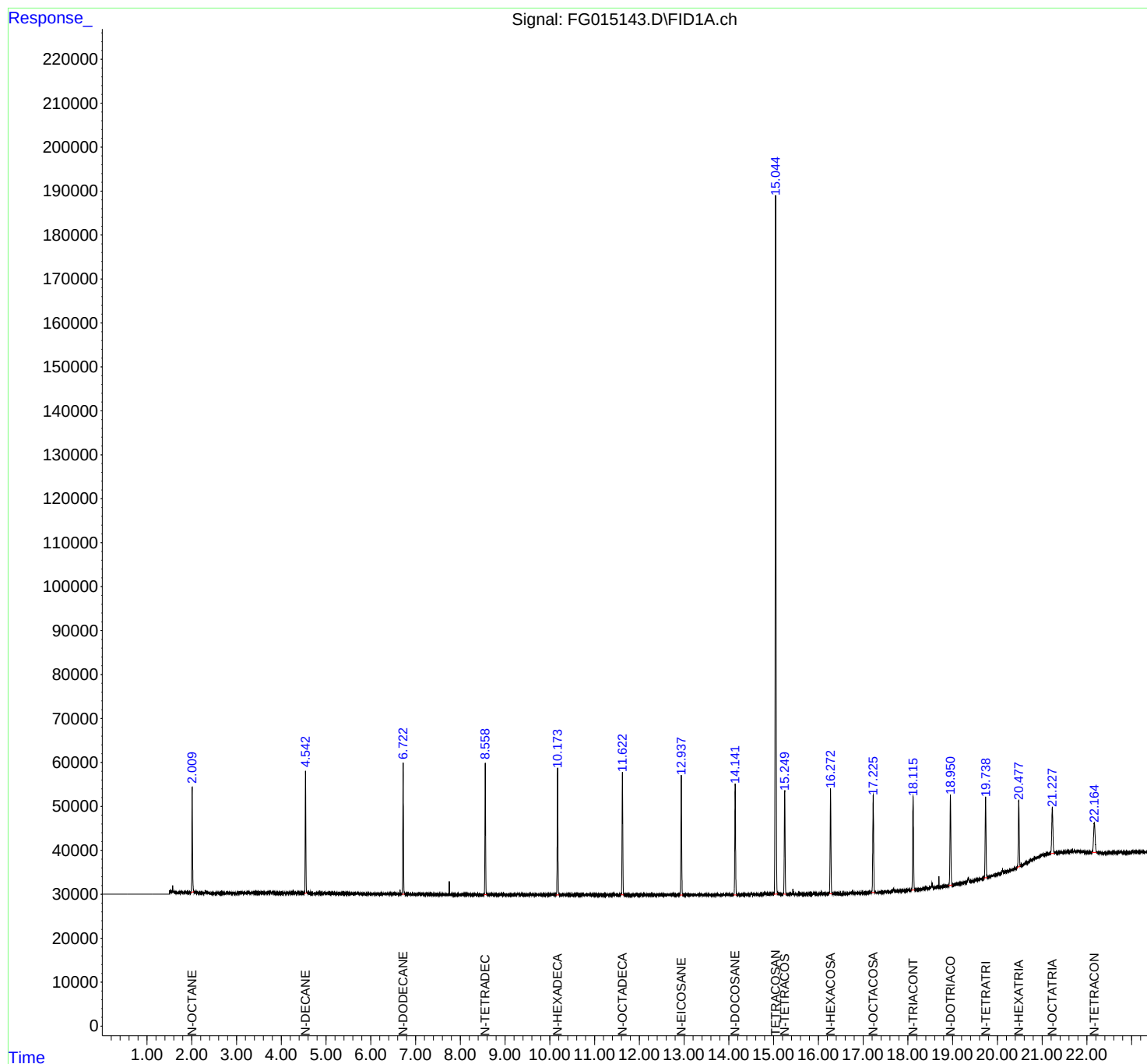
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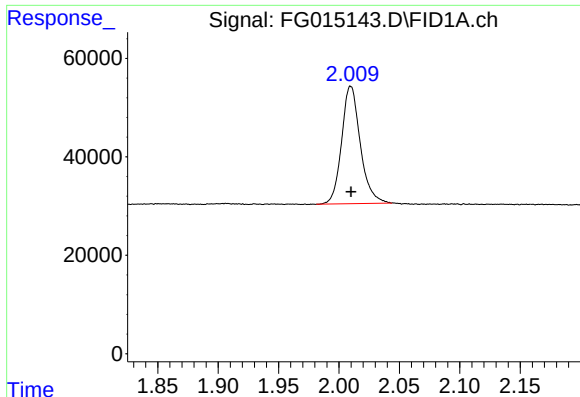
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.010 min
Delta R.T.: 0.000 min
Response: 256266
Conc: 2.10 ug/ml

Instrument :

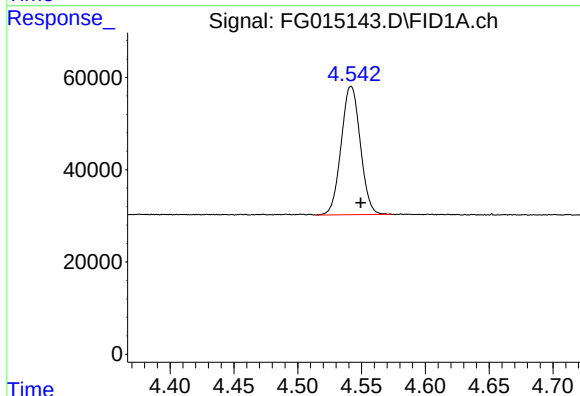
FID_G

ClientSampleId :

LOD-MDL-WATER-04-QT1-2025

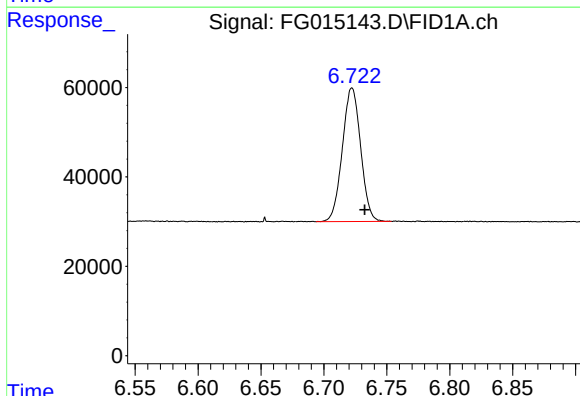
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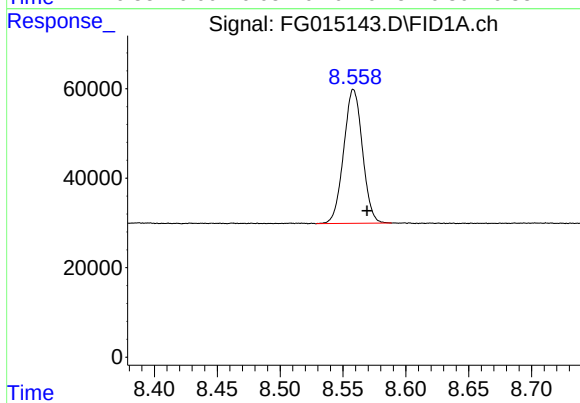
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.008 min
Response: 290524
Conc: 2.25 ug/ml



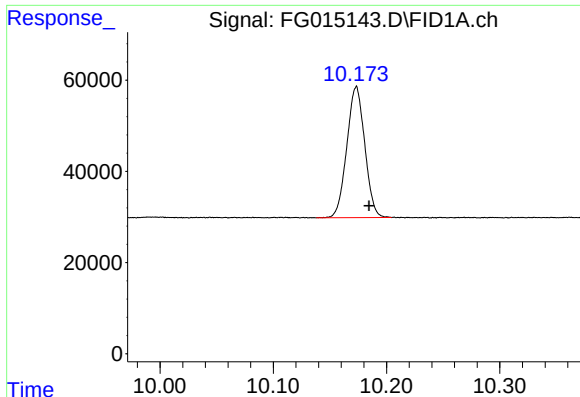
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 302495
Conc: 2.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.011 min
Response: 310078
Conc: 2.27 ug/ml



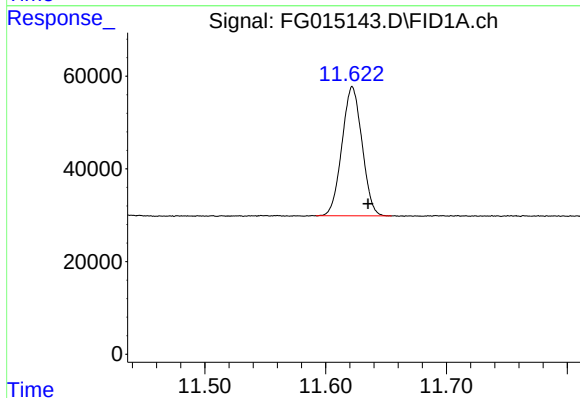
#5 N-HEXADECANE

R.T.: 10.173 min
Delta R.T.: -0.011 min
Response: 316339
Conc: 2.24 ug/ml

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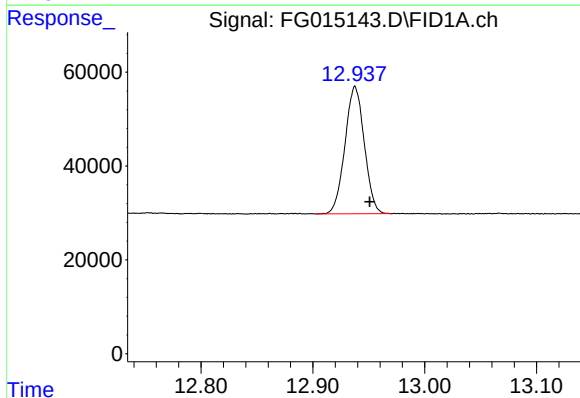
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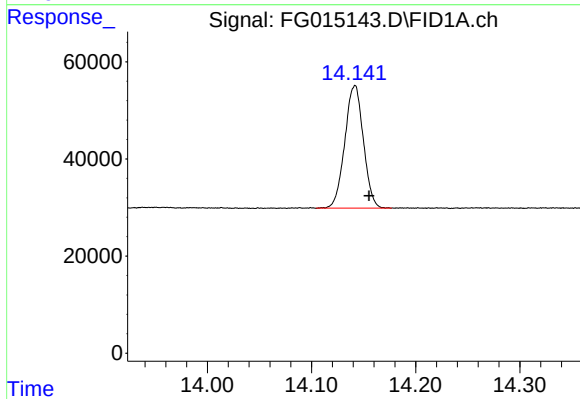
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 321426
Conc: 2.19 ug/ml



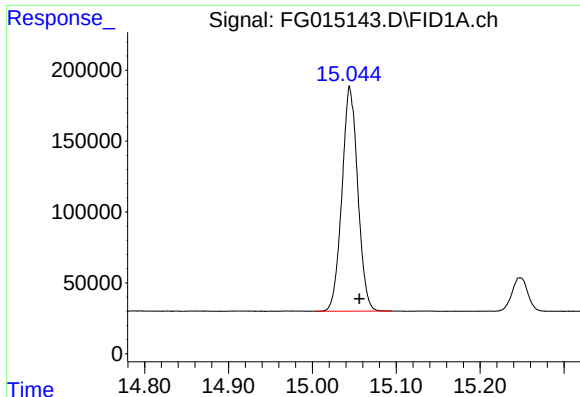
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: -0.013 min
Response: 325971
Conc: 2.24 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: -0.014 min
Response: 312761
Conc: 2.18 ug/ml



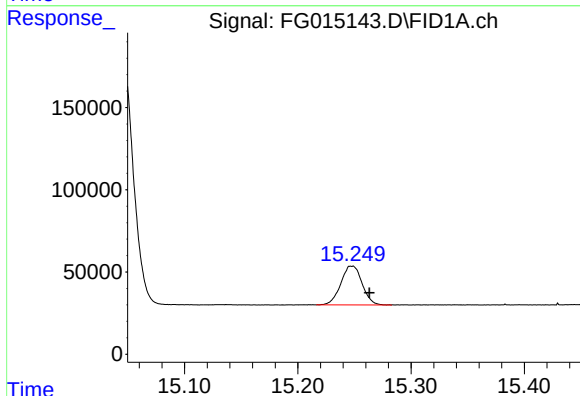
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.012 min
Response: 2077578
Conc: 16.20 ug/ml

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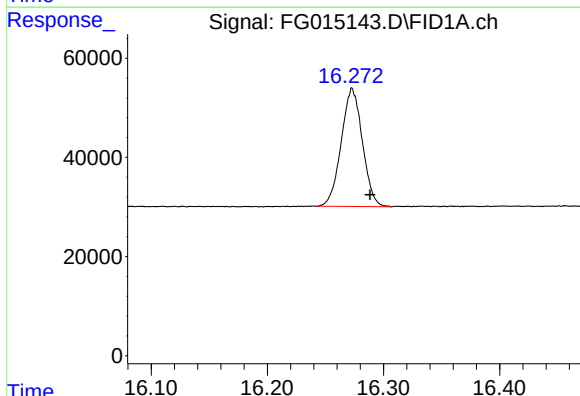
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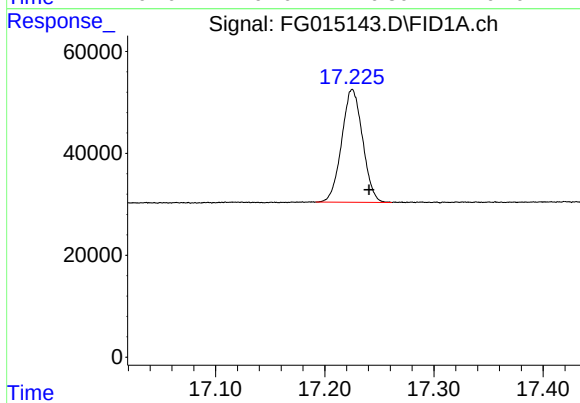
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.016 min
Response: 307842
Conc: 2.16 ug/ml



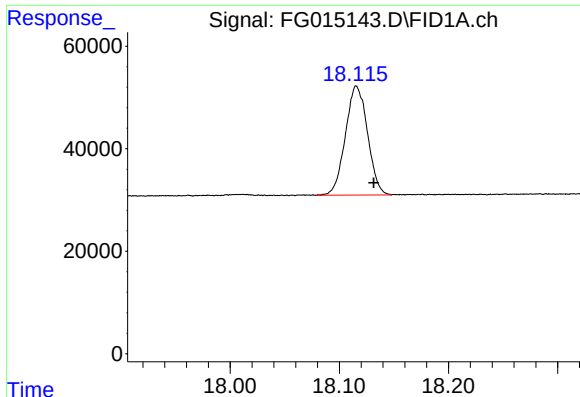
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.015 min
Response: 301166
Conc: 2.14 ug/ml



#12 N-OCTACOSANE

R.T.: 17.225 min
Delta R.T.: -0.015 min
Response: 294745
Conc: 2.10 ug/ml



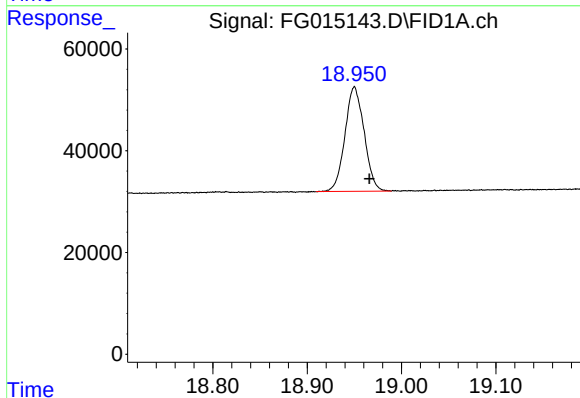
#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: -0.016 min
Response: 299874
Conc: 2.11 ug/ml

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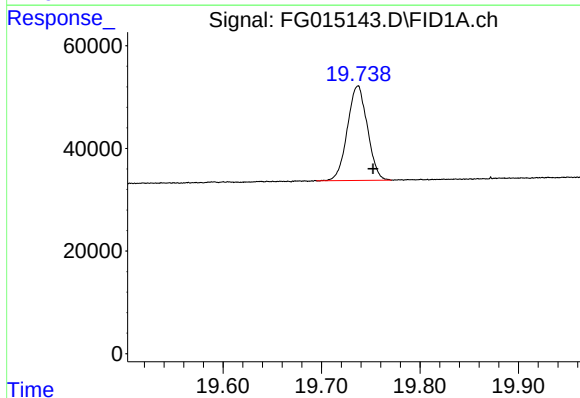
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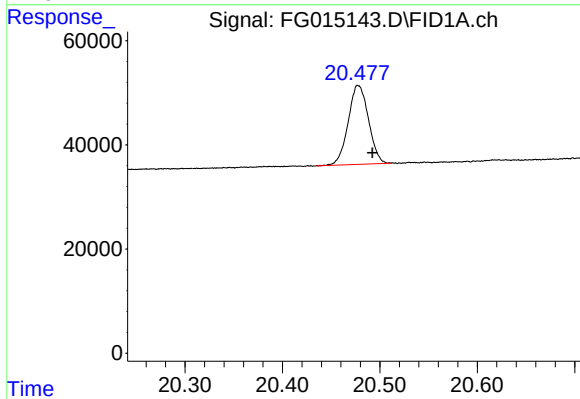
#14 N-DOTRIACONTANE

R.T.: 18.950 min
Delta R.T.: -0.016 min
Response: 289808
Conc: 2.09 ug/ml



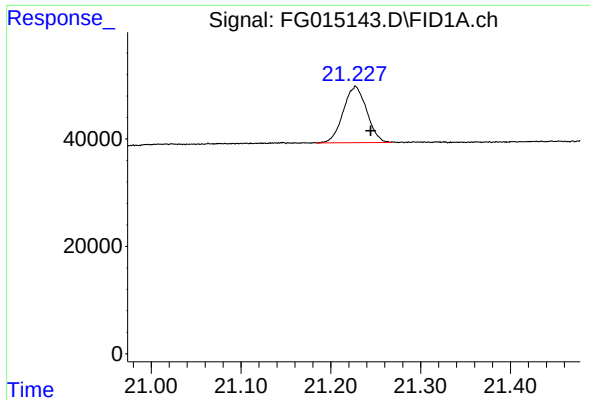
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: -0.015 min
Response: 259756
Conc: 2.07 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.478 min
Delta R.T.: -0.014 min
Response: 218873
Conc: 2.03 ug/ml



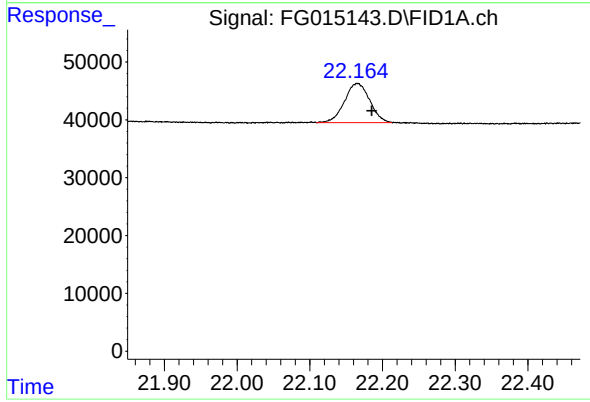
#17 N-OCTATRIACONTANE

R.T.: 21.227 min
Delta R.T.: -0.018 min
Response: 190215
Conc: 1.93 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.164 min
Delta R.T.: -0.022 min
Response: 163155
Conc: 1.76 ug/ml m