

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016374.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 16:06
 Operator : YP\AJ
 Sample : Q2893-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:17:33 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...	15.202	1758219	18.454 ug/ml
Target Compounds			
1) N-OCTANE	2.117	111721	1.053 ug/ml
2) N-DECANE	4.665	121506	1.124 ug/ml
3) N-DODECANE	6.848	120203	1.106 ug/ml
4) N-TETRADECANE	8.690	127436	1.166 ug/ml
5) N-HEXADECANE	10.312	119399	1.098 ug/ml
6) N-OCTADECANE	11.765	125447	1.134 ug/ml
7) N-EICOSANE	13.085	125504	1.110 ug/ml
8) N-DOCOSANE	14.294	119904	1.091 ug/ml
10) N-TETRACOSANE	15.406	124895	1.140 ug/ml
11) N-HEXACOSANE	16.435	134099	1.254 ug/ml
12) N-OCTACOSANE	17.393	222795	2.068 ug/mlm
13) N-TRIACONTANE	18.288	265821	2.440 ug/mlm
14) N-DOTRIACONTANE	19.125	196655	1.867 ug/mlm
15) N-TETRATRIACONTANE	19.914	115745	1.215 ug/mlm
16) N-HEXATRIACONTANE	20.660	98704	1.321 ug/ml
17) N-OCTATRIACONTANE	21.453	43036	0.718 ug/ml
18) N-TETRACONTANE	22.459	59577	1.417 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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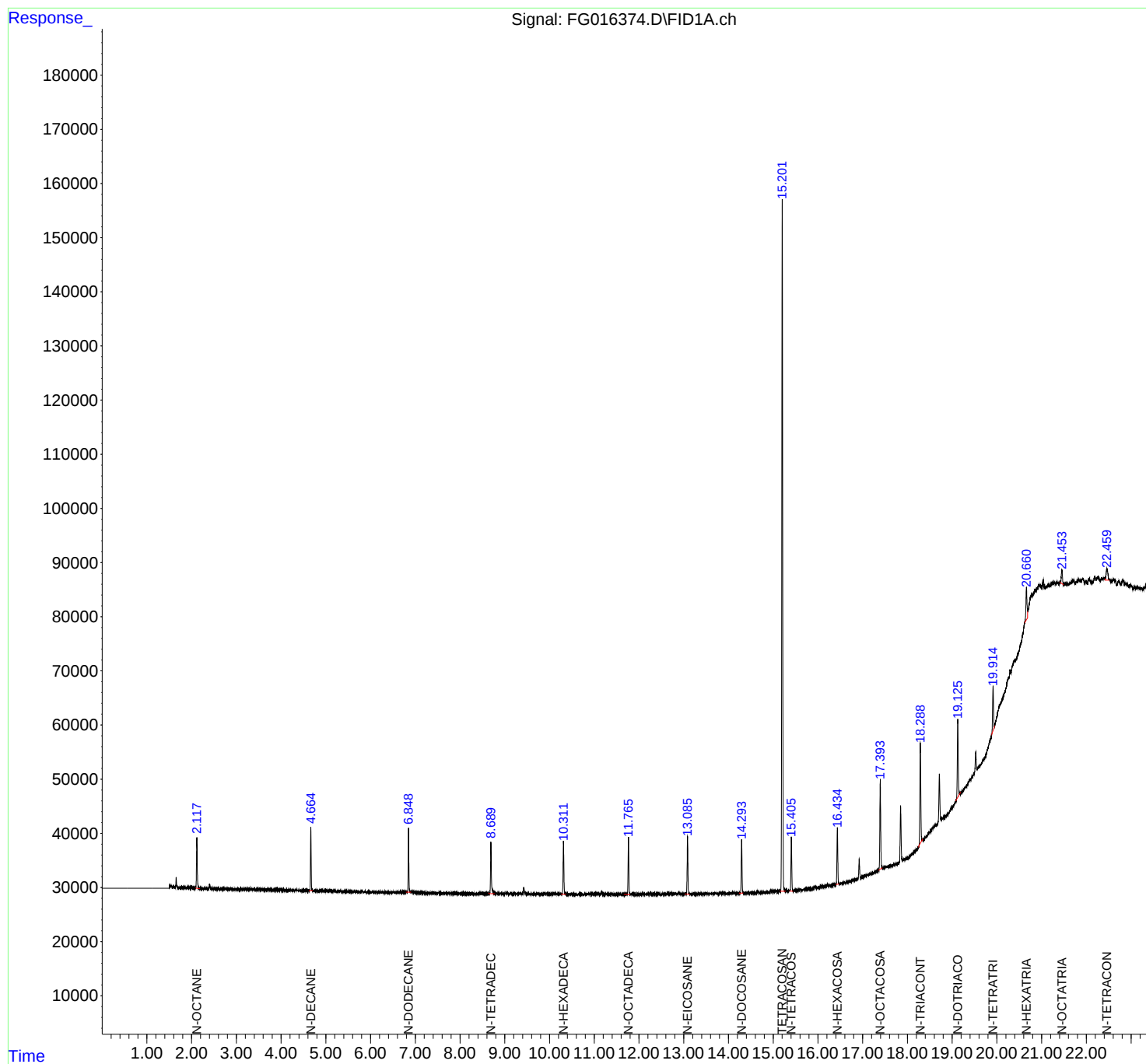
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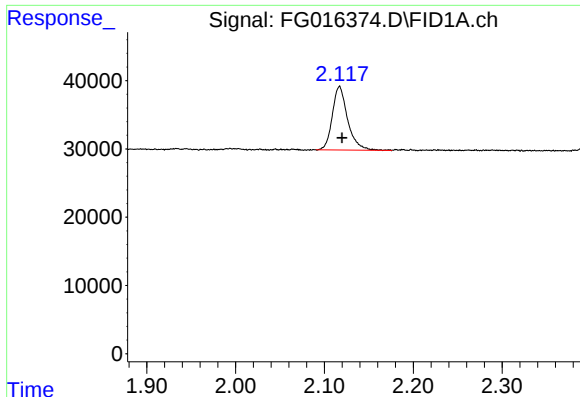
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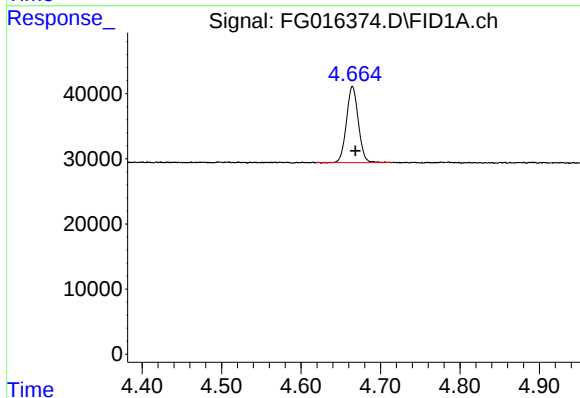
#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.003 min
Response: 111721
Conc: 1.05 ug/ml

Instrument :
FID_G
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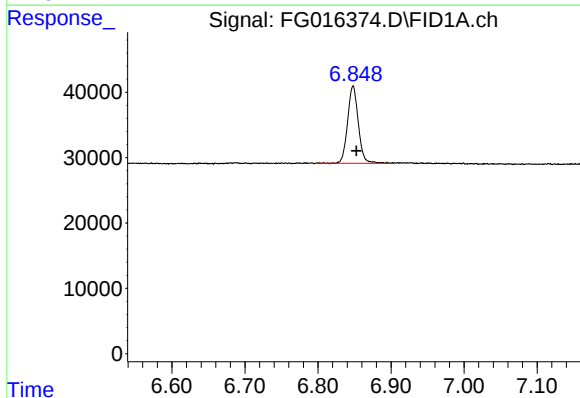
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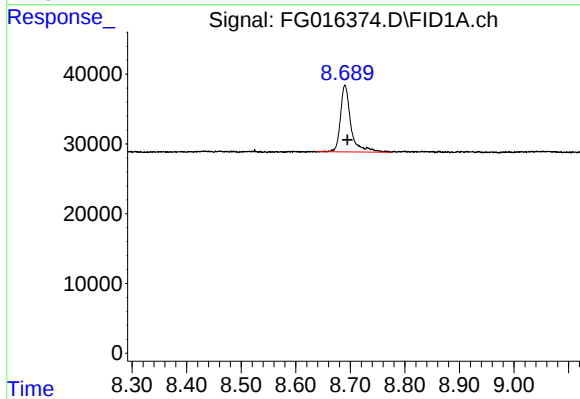
#2 N-DECANE

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 121506
Conc: 1.12 ug/ml



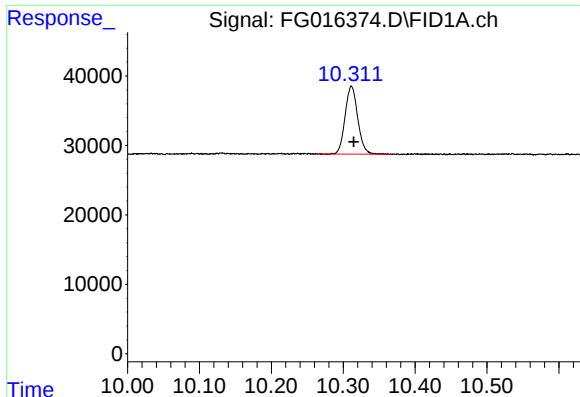
#3 N-DODECANE

R.T.: 6.848 min
Delta R.T.: -0.004 min
Response: 120203
Conc: 1.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.690 min
Delta R.T.: -0.005 min
Response: 127436
Conc: 1.17 ug/ml



#5 N-HEXADECANE

R.T.: 10.312 min
Delta R.T.: -0.003 min
Response: 119399
Conc: 1.10 ug/ml

Instrument :

FID_G

ClientSampleId :

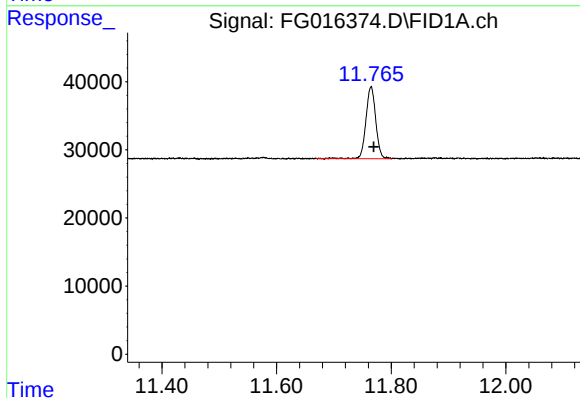
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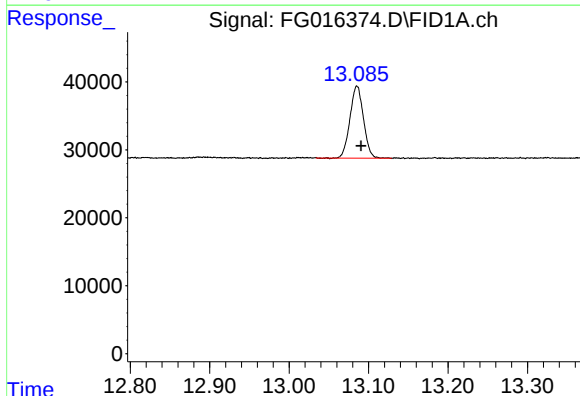
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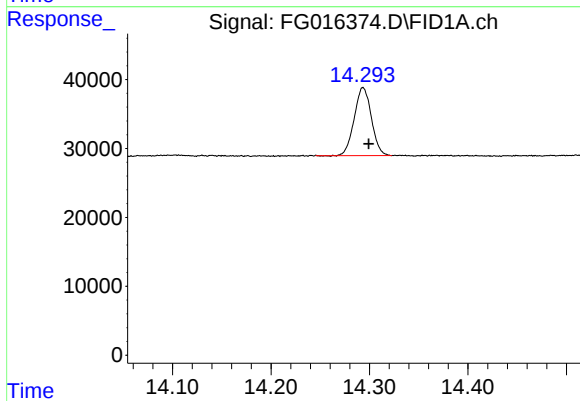
#6 N-OCTADECANE

R.T.: 11.765 min
Delta R.T.: -0.005 min
Response: 125447
Conc: 1.13 ug/ml



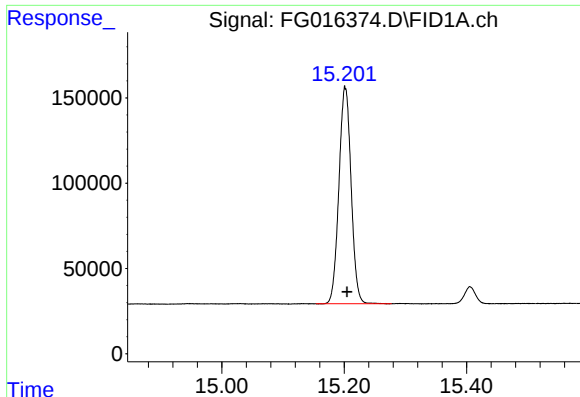
#7 N-EICOSANE

R.T.: 13.085 min
Delta R.T.: -0.005 min
Response: 125504
Conc: 1.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.294 min
Delta R.T.: -0.006 min
Response: 119904
Conc: 1.09 ug/ml



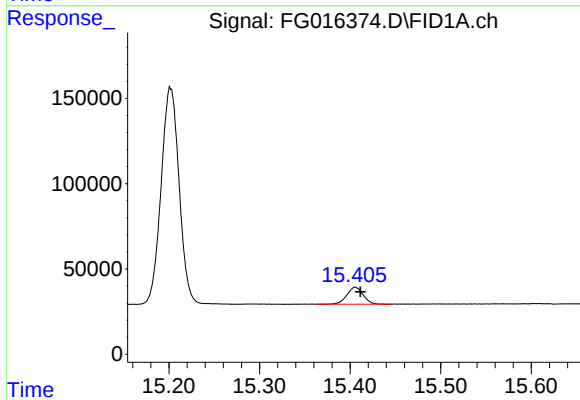
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.202 min
Delta R.T.: -0.003 min
Response: 1758219
Conc: 18.45 ug/ml

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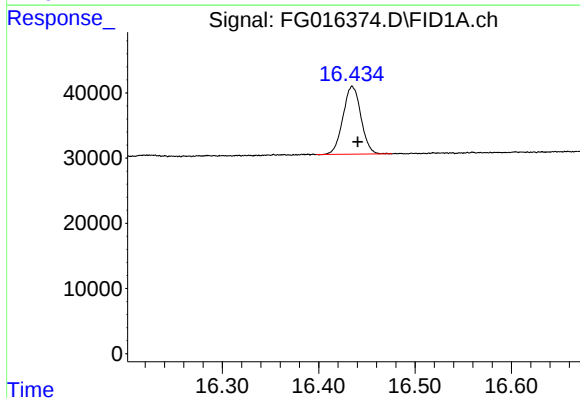
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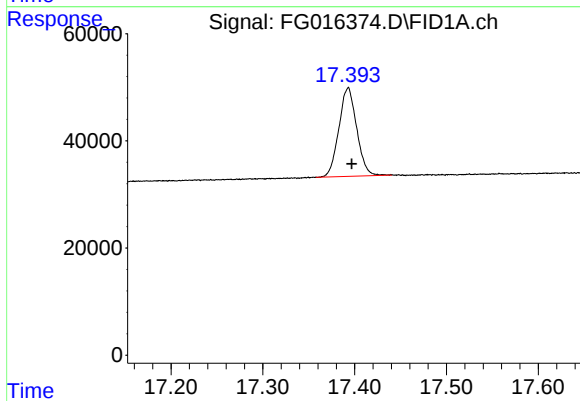
#10 N-TETRACOSANE

R.T.: 15.406 min
Delta R.T.: -0.006 min
Response: 124895
Conc: 1.14 ug/ml



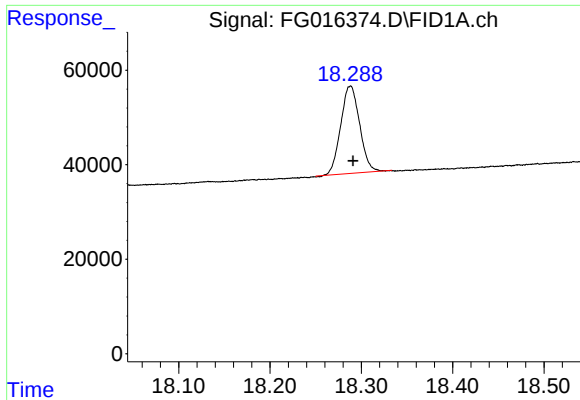
#11 N-HEXACOSANE

R.T.: 16.435 min
Delta R.T.: -0.006 min
Response: 134099
Conc: 1.25 ug/ml



#12 N-OCTACOSANE

R.T.: 17.393 min
Delta R.T.: -0.004 min
Response: 222795
Conc: 2.07 ug/ml m



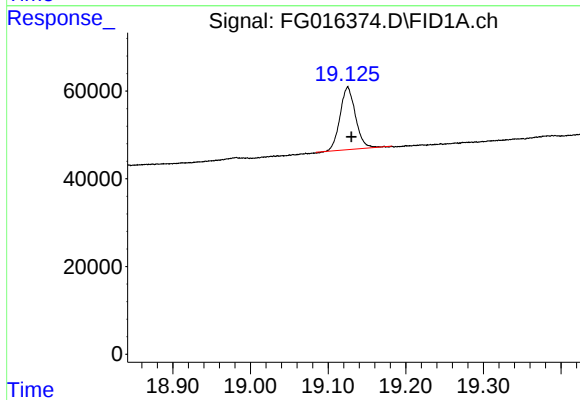
#13 N-TRIACONTANE

R.T.: 18.288 min
Delta R.T.: -0.003 min
Response: 265821
Conc: 2.44 ug/ml

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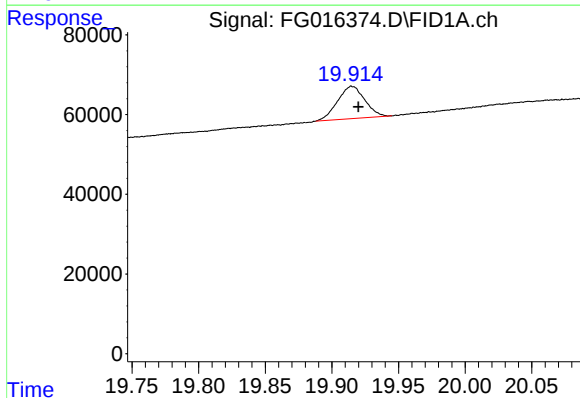
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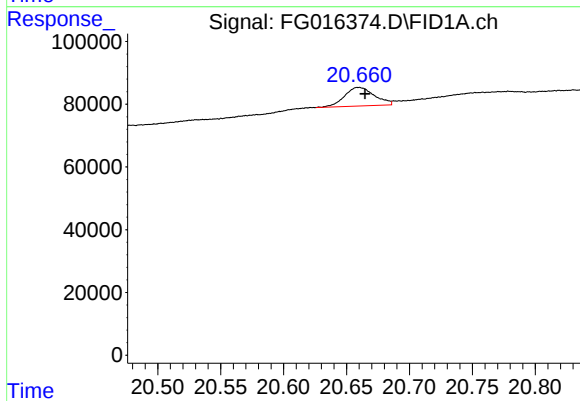
#14 N-DOTRIACONTANE

R.T.: 19.125 min
Delta R.T.: -0.005 min
Response: 196655
Conc: 1.87 ug/ml m



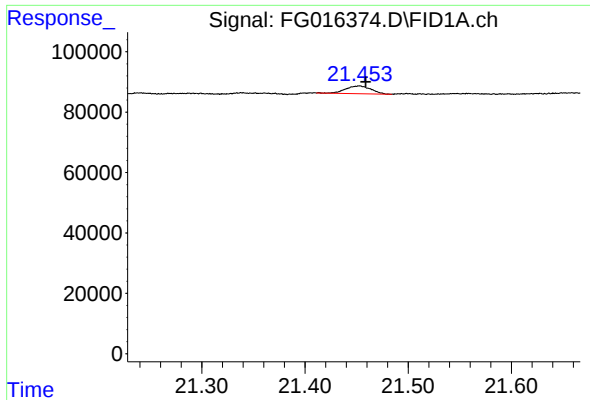
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: -0.006 min
Response: 115745
Conc: 1.21 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.660 min
Delta R.T.: -0.005 min
Response: 98704
Conc: 1.32 ug/ml



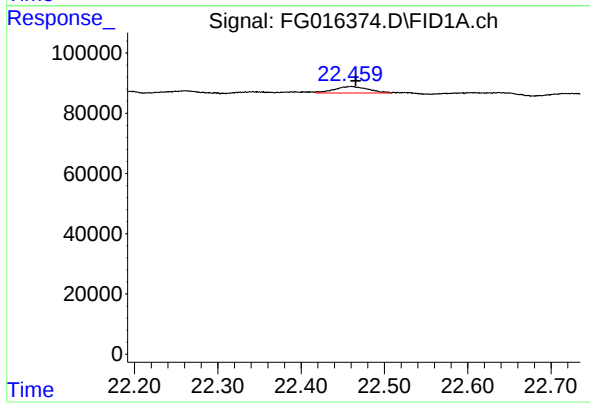
#17 N-OCTATRIACONTANE

R.T.: 21.453 min
Delta R.T.: -0.006 min
Response: 43036
Conc: 0.72 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.459 min
Delta R.T.: -0.006 min
Response: 59577
Conc: 1.42 ug/ml m