

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016771.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 22:39
 Operator : YP\AJ
 Sample : Q3530-10
 Misc : LOD-MDL-WATER-0.125 ML-QT4-2025
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File: Sample.e
 Quant Time: Nov 21 01:14:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.048	2226122	21.308 ug/ml
Target Compounds			
1) N-OCTANE	2.037	307223	2.768 ug/ml
2) N-DECANE	4.564	324579	2.933 ug/ml
3) N-DODECANE	6.743	321742	2.896 ug/ml
4) N-TETRADECANE	8.575	309302	2.769 ug/ml
5) N-HEXADECANE	10.185	296336	2.637 ug/ml
6) N-OCTADECANE	11.630	322938	2.759 ug/ml
7) N-EICOSANE	12.943	328907	2.694 ug/ml
8) N-DOCOSANE	14.145	335339	2.813 ug/ml
10) N-TETRACOSANE	15.251	328323	2.771 ug/ml
11) N-HEXACOSANE	16.277	314930	2.741 ug/ml
12) N-OCTACOSANE	17.230	302392	2.654 ug/ml
13) N-TRIACONTANE	18.120	296969	2.643 ug/ml
14) N-DOTRIACONTANE	18.956	288031	2.687 ug/ml
15) N-TETRATRIACONTANE	19.743	207307	2.110 ug/ml
16) N-HEXATRIACONTANE	20.486	135989	1.590 ug/ml
17) N-OCTATRIACONTANE	21.241	85943	1.120 ug/ml
18) N-TETRACONTANE	22.179	58303	0.854 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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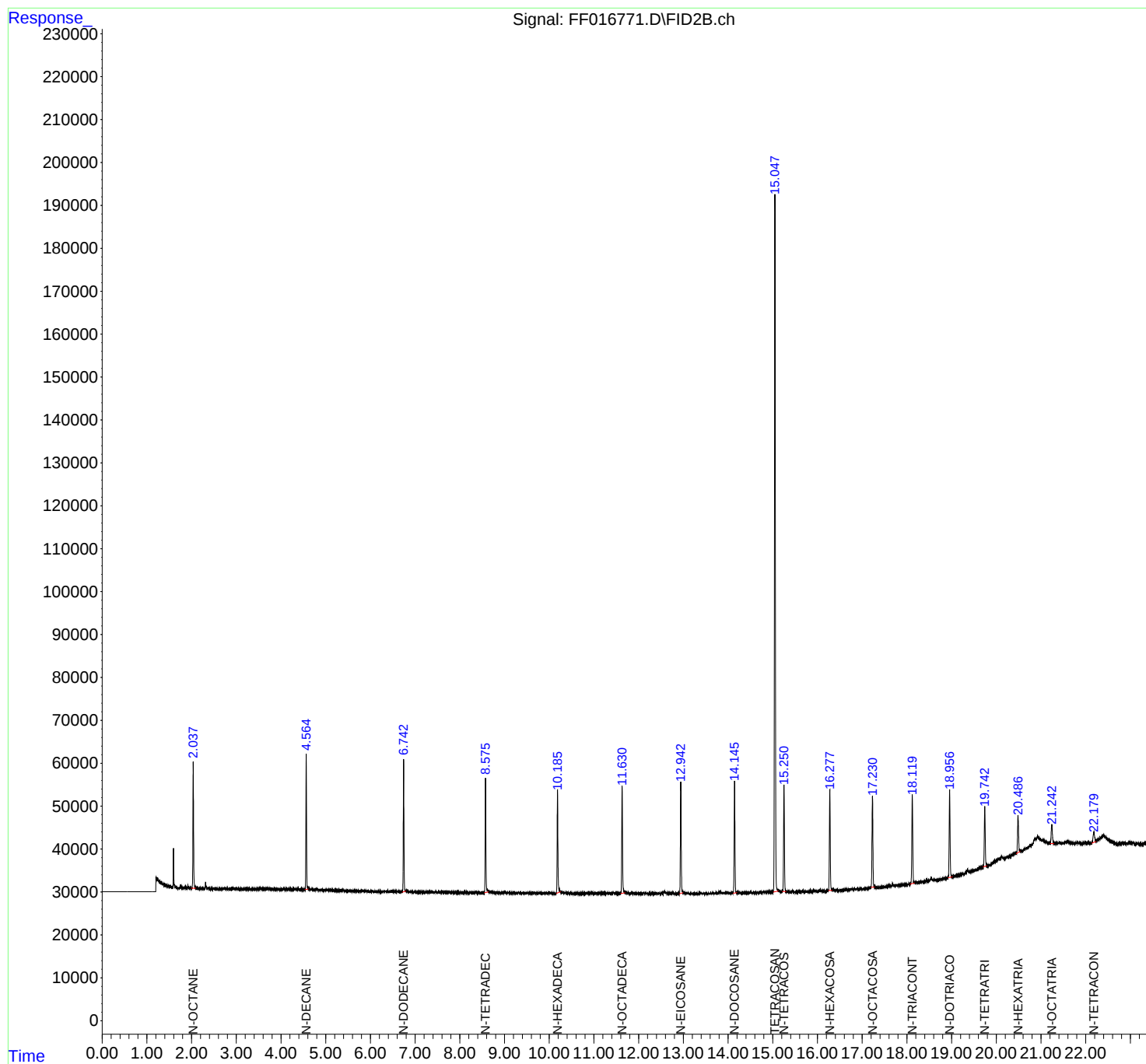
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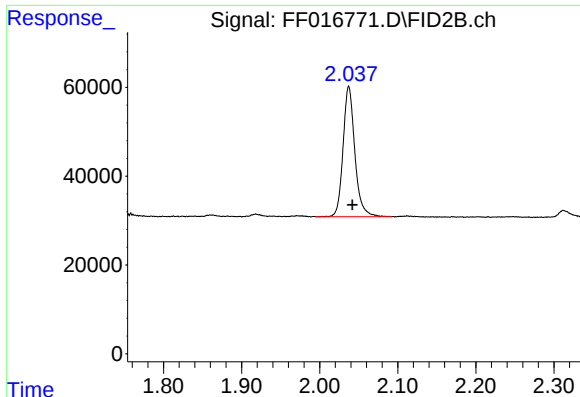
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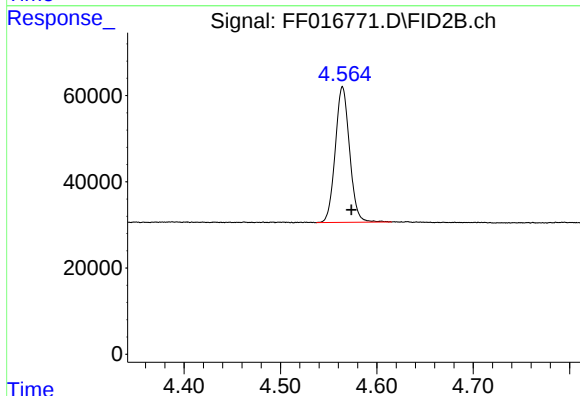
#1 N-OCTANE

R.T.: 2.037 min
Delta R.T.: -0.005 min
Response: 307223
Conc: 2.77 ug/ml

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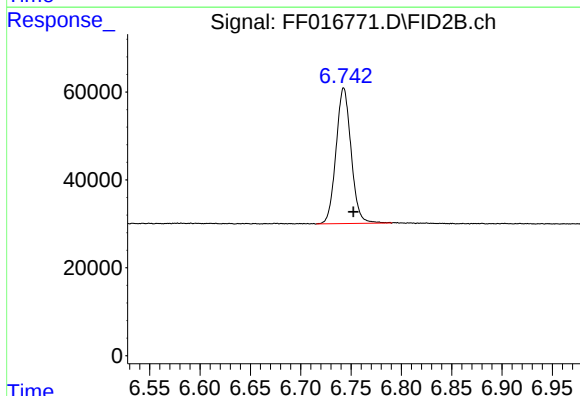
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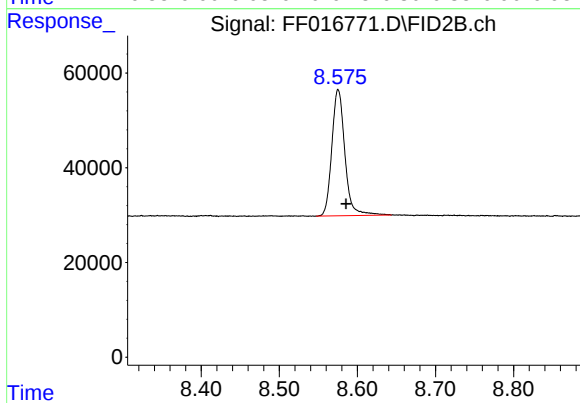
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.009 min
Response: 324579
Conc: 2.93 ug/ml



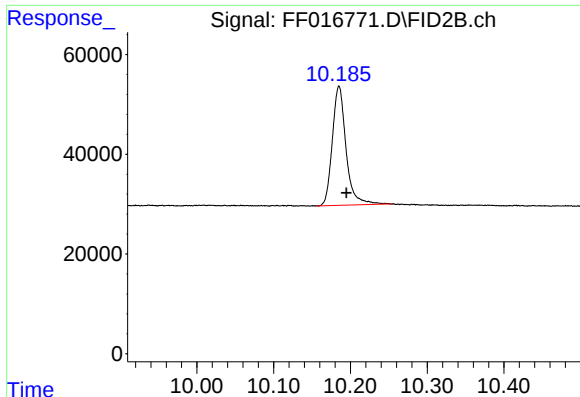
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 321742
Conc: 2.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.010 min
Response: 309302
Conc: 2.77 ug/ml



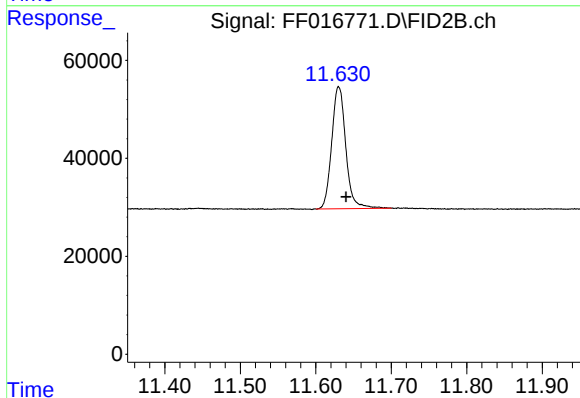
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.009 min
Response: 296336
Conc: 2.64 ug/ml

Instrument :
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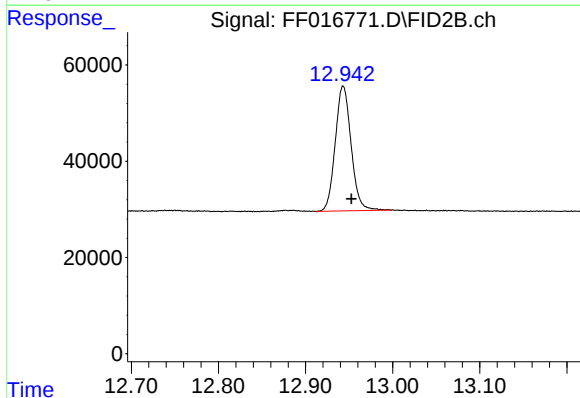
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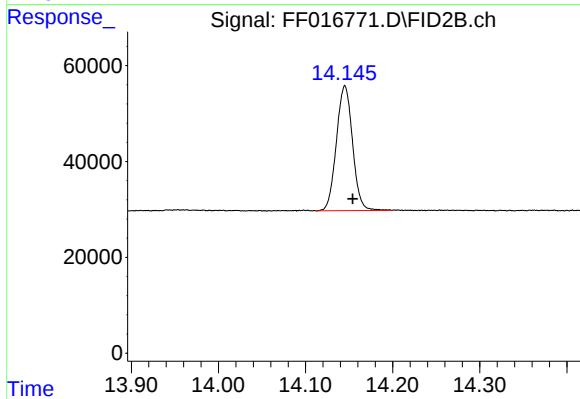
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.010 min
Response: 322938
Conc: 2.76 ug/ml



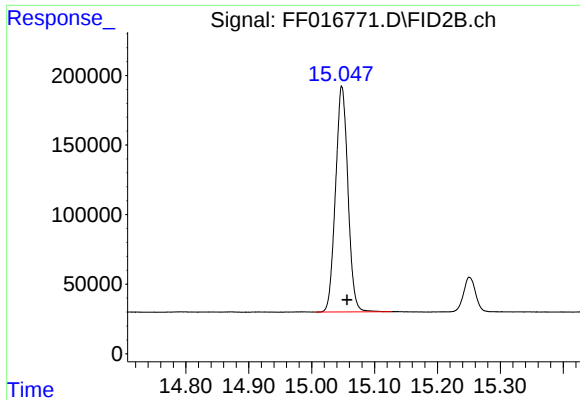
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.009 min
Response: 328907
Conc: 2.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.009 min
Response: 335339
Conc: 2.81 ug/ml



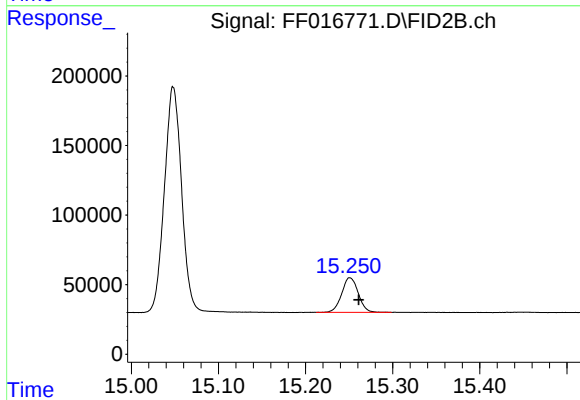
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 2226122
Conc: 21.31 ug/ml

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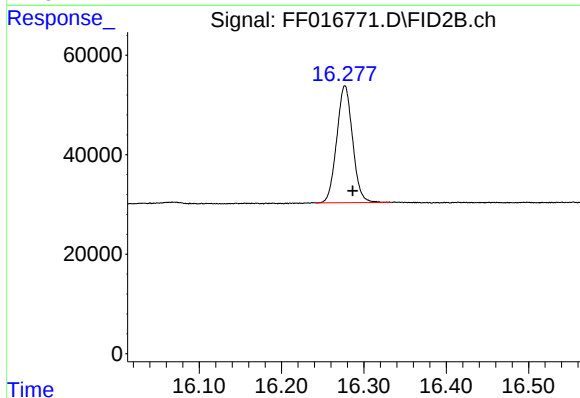
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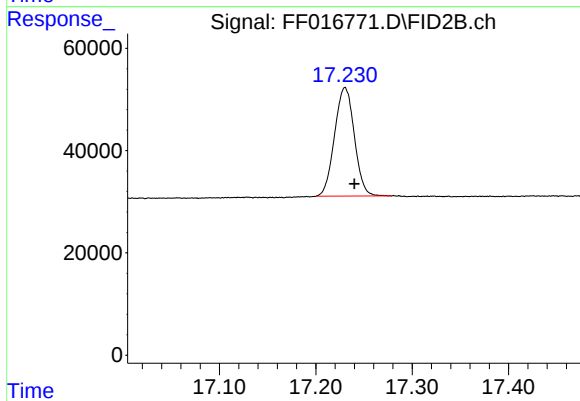
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.010 min
Response: 328323
Conc: 2.77 ug/ml



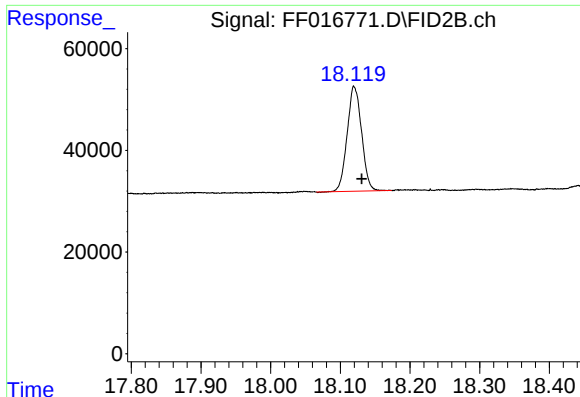
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.010 min
Response: 314930
Conc: 2.74 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.010 min
Response: 302392
Conc: 2.65 ug/ml



#13 N-TRIACONTANE

R.T.: 18.120 min
Delta R.T.: -0.011 min
Response: 296969
Conc: 2.64 ug/ml

Instrument :

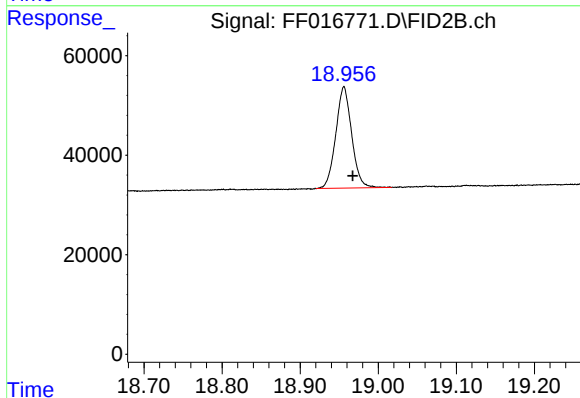
FID_F

ClientSampleId :

LOD-MDL-WATER-04-QT4-2025

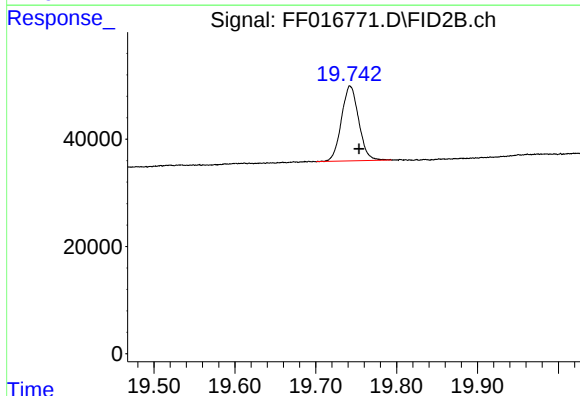
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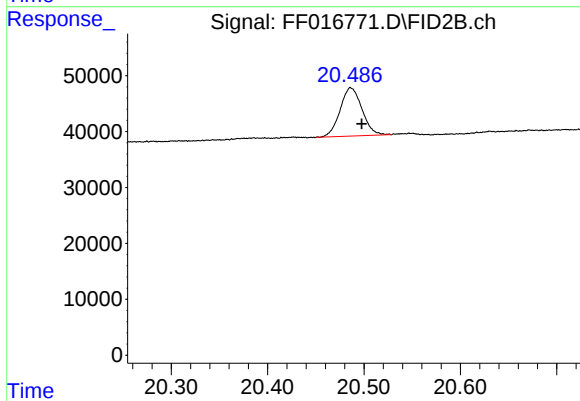
#14 N-DOTRIACONTANE

R.T.: 18.956 min
Delta R.T.: -0.011 min
Response: 288031
Conc: 2.69 ug/ml



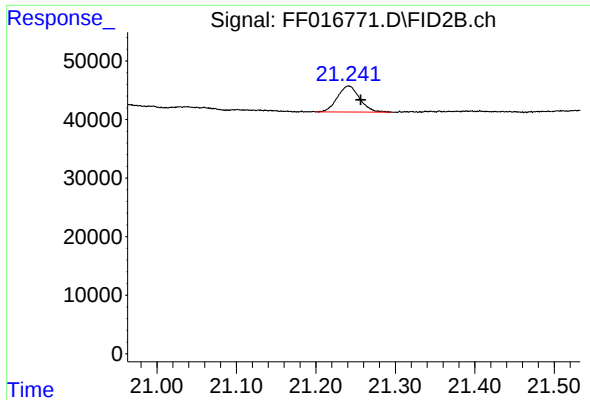
#15 N-TETRATRIACONTANE

R.T.: 19.743 min
Delta R.T.: -0.011 min
Response: 207307
Conc: 2.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.486 min
Delta R.T.: -0.011 min
Response: 135989
Conc: 1.59 ug/ml



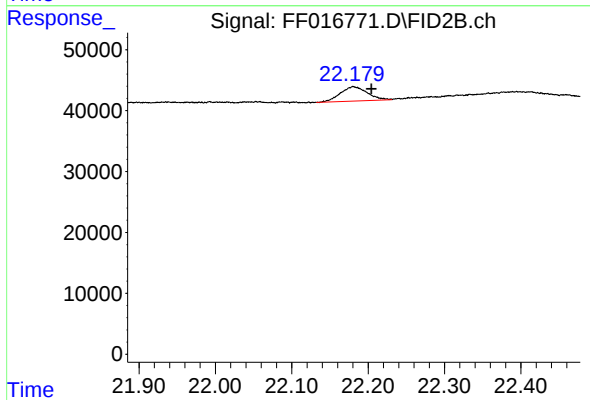
#17 N-OCTATRIACONTANE

R.T.: 21.241 min
Delta R.T.: -0.015 min
Response: 85943
Conc: 1.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.179 min
Delta R.T.: -0.025 min
Response: 58303
Conc: 0.85 ug/ml m