

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016228.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 15:17
 Operator : YP\AJ
 Sample : Q2893-11
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
 Quant Time: Aug 27 04:46:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.075	2513753	22.520 ug/ml
Target Compounds			
1) N-OCTANE	2.045	606389	5.330 ug/ml
2) N-DECANE	4.582	664004	5.703 ug/ml
3) N-DODECANE	6.763	681024	5.765 ug/ml
4) N-TETRADECANE	8.599	699412	5.785 ug/ml
5) N-HEXADECANE	10.210	712870	5.865 ug/ml
6) N-OCTADECANE	11.656	740301	5.915 ug/mlm
7) N-EICOSANE	12.970	766739	5.926 ug/ml
8) N-DOCOSANE	14.172	741283	5.863 ug/ml
10) N-TETRACOSANE	15.278	754435	5.953 ug/ml
11) N-HEXACOSANE	16.302	717064	5.793 ug/ml
12) N-OCTACOSANE	17.255	722201	5.770 ug/ml
13) N-TRIACONTANE	18.144	731155	5.724 ug/ml
14) N-DOTRIACONTANE	18.980	718416	5.772 ug/ml
15) N-TETRATRIACONTANE	19.767	611729	5.466 ug/ml
16) N-HEXATRIACONTANE	20.509	493552	5.363 ug/ml
17) N-OCTATRIACONTANE	21.270	430146	5.631 ug/ml
18) N-TETRACONTANE	22.222	381266	5.803 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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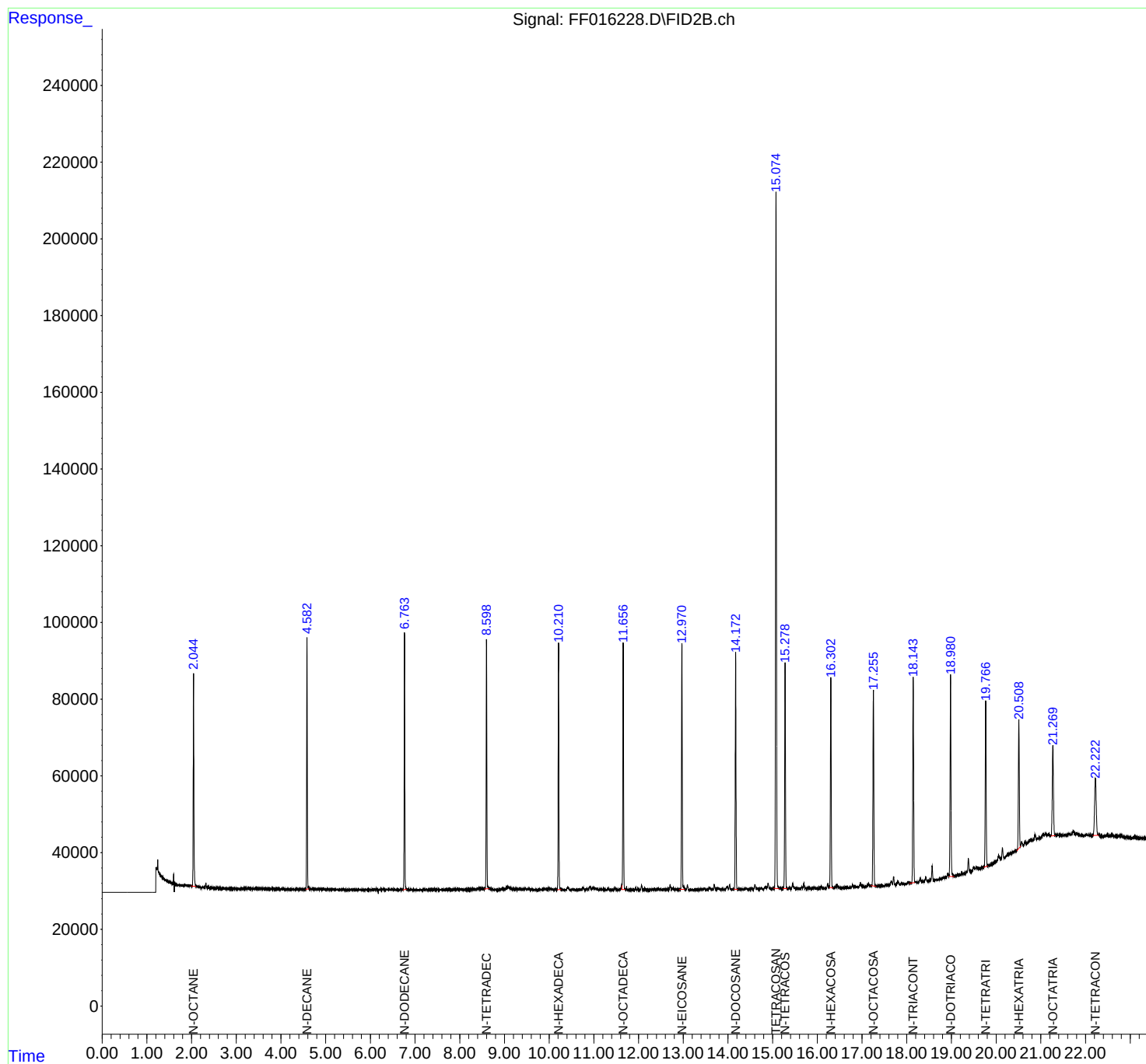
Instrument :
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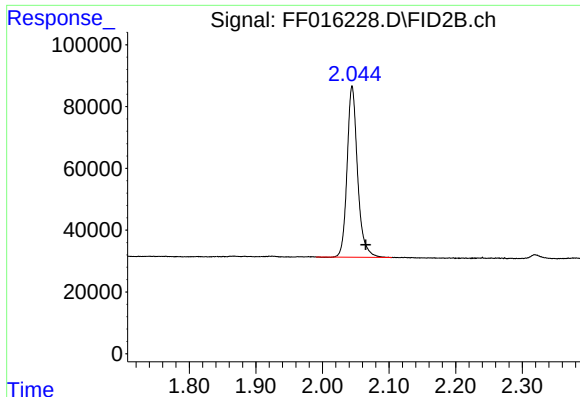
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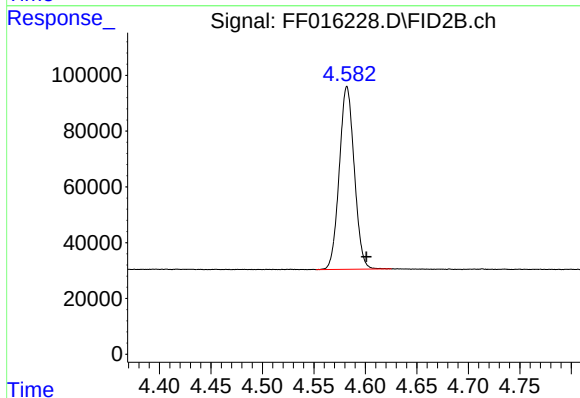
#1 N-OCTANE

R.T.: 2.045 min
Delta R.T.: -0.020 min
Response: 606389
Conc: 5.33 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-WATER-05-QT3-2025

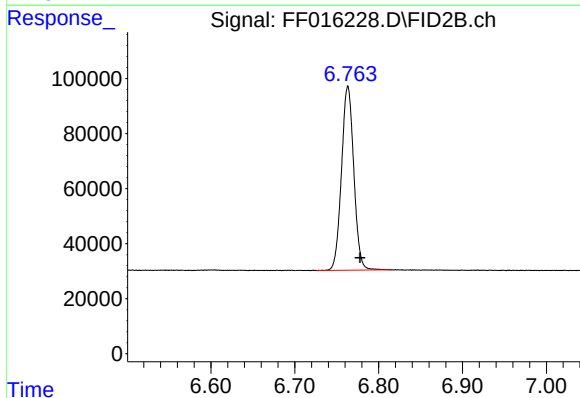
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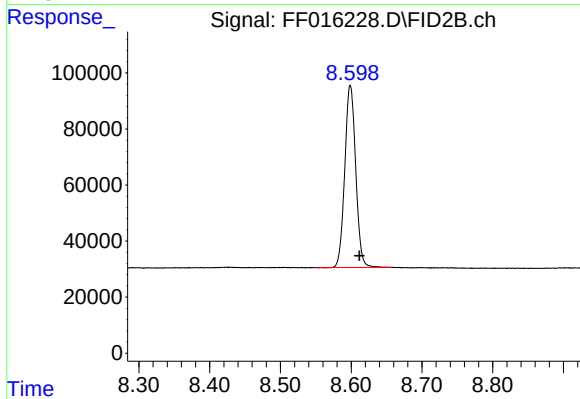
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: -0.019 min
Response: 664004
Conc: 5.70 ug/ml



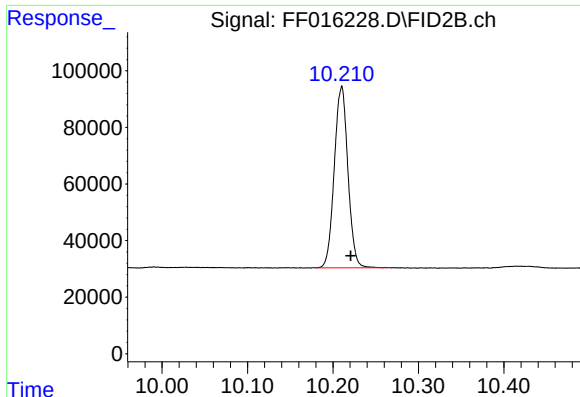
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.015 min
Response: 681024
Conc: 5.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: -0.013 min
Response: 699412
Conc: 5.78 ug/ml



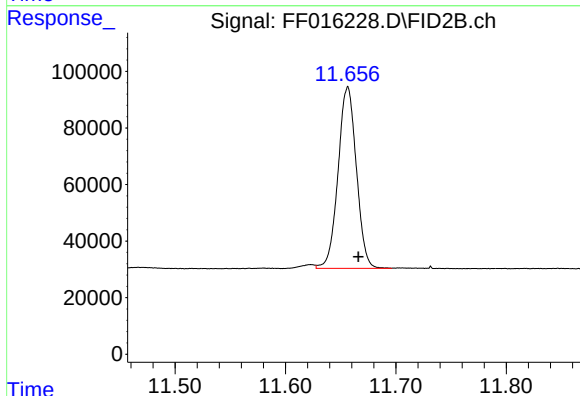
#5 N-HEXADECANE

R.T.: 10.210 min
Delta R.T.: -0.011 min
Response: 712870
Conc: 5.87 ug/ml

Instrument :
FID_F
ClientSampleId :
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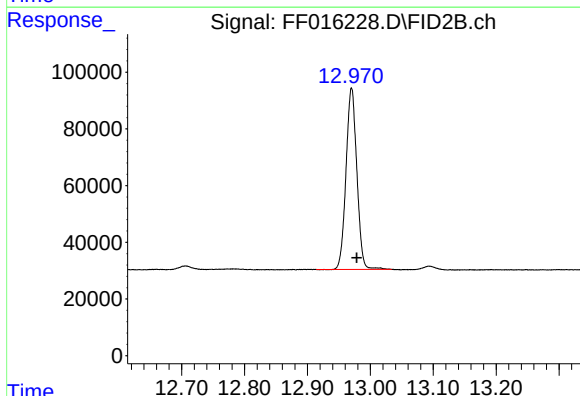
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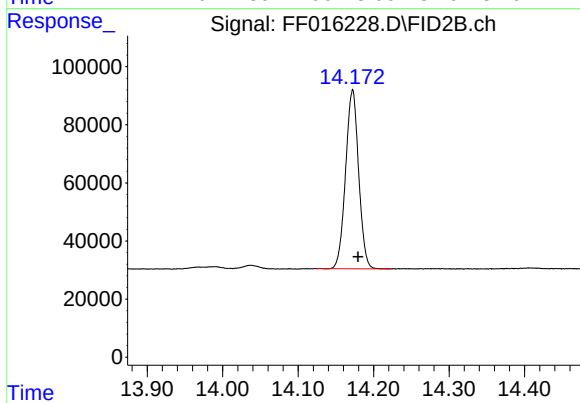
#6 N-OCTADECANE

R.T.: 11.656 min
Delta R.T.: -0.010 min
Response: 740301
Conc: 5.91 ug/ml m



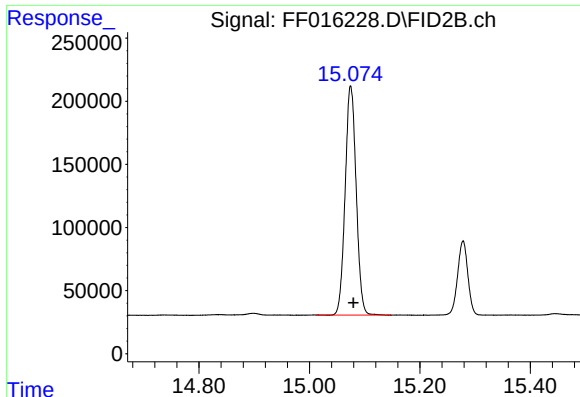
#7 N-EICOSANE

R.T.: 12.970 min
Delta R.T.: -0.008 min
Response: 766739
Conc: 5.93 ug/ml



#8 N-DOCOSANE

R.T.: 14.172 min
Delta R.T.: -0.007 min
Response: 741283
Conc: 5.86 ug/ml



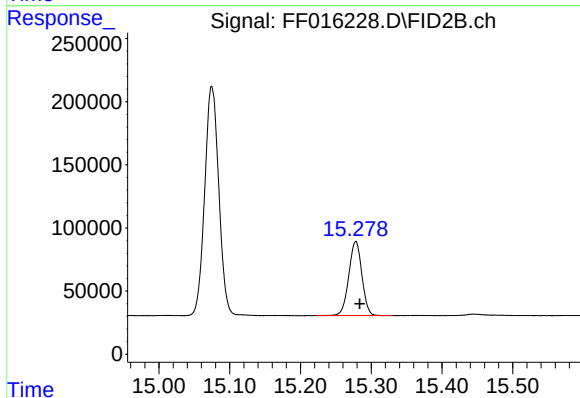
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.005 min
Response: 2513753
Conc: 22.52 ug/ml

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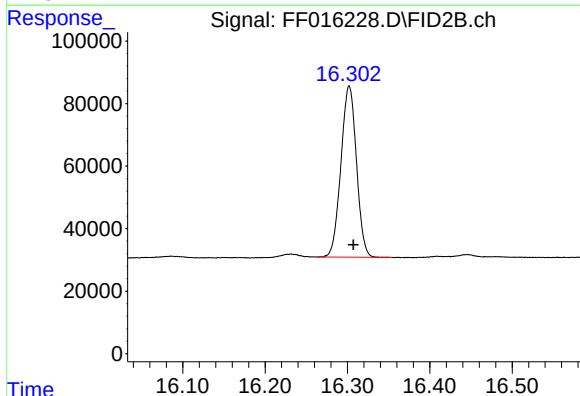
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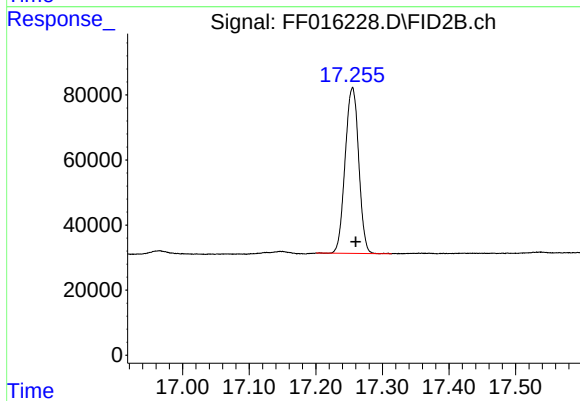
#10 N-TETRACOSANE

R.T.: 15.278 min
Delta R.T.: -0.005 min
Response: 754435
Conc: 5.95 ug/ml



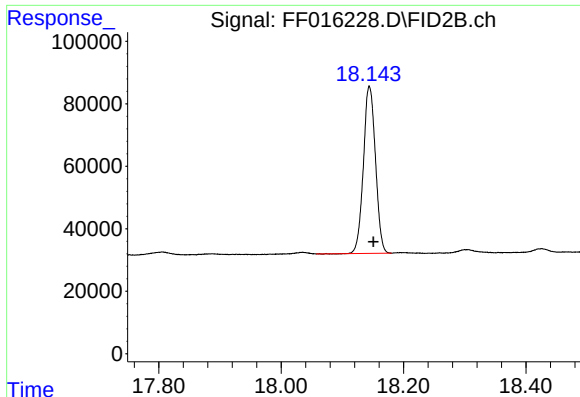
#11 N-HEXACOSANE

R.T.: 16.302 min
Delta R.T.: -0.005 min
Response: 717064
Conc: 5.79 ug/ml



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: -0.005 min
Response: 722201
Conc: 5.77 ug/ml



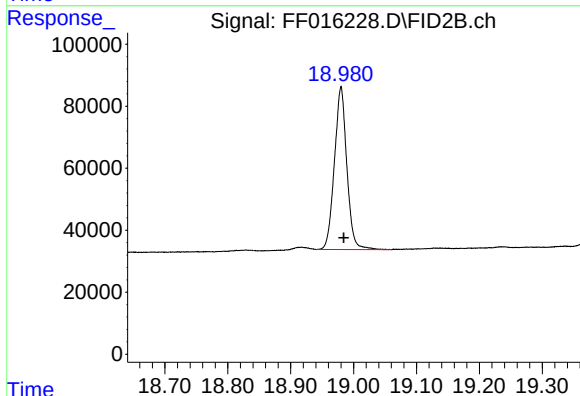
#13 N-TRIACONTANE

R.T.: 18.144 min
Delta R.T.: -0.006 min
Response: 731155
Conc: 5.72 ug/ml

Instrument :
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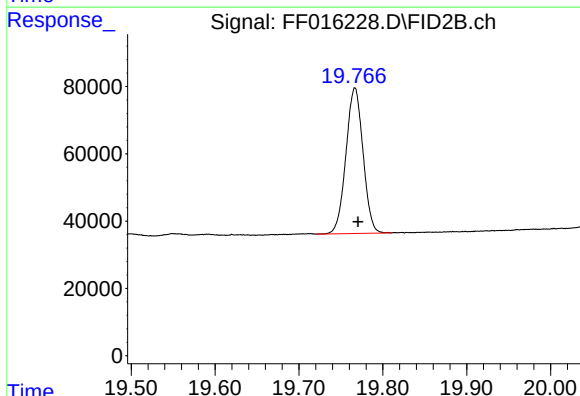
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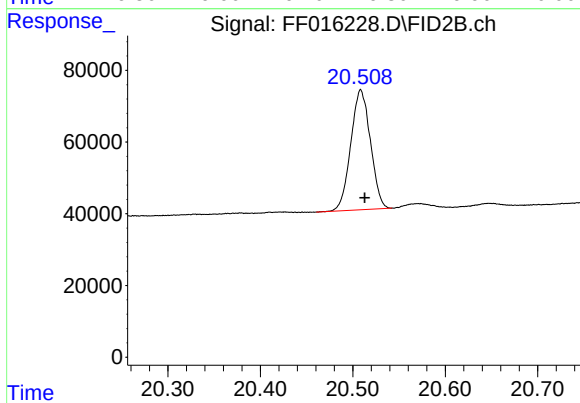
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: -0.004 min
Response: 718416
Conc: 5.77 ug/ml



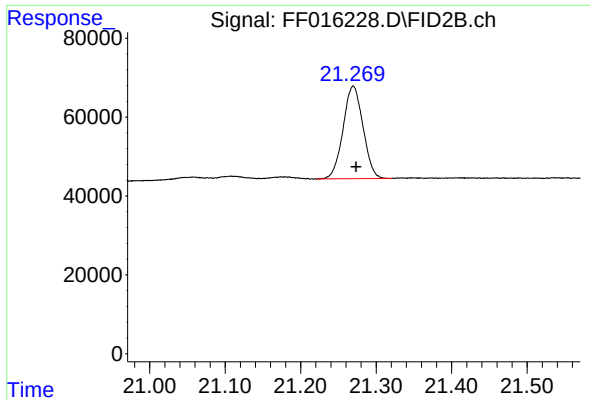
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
Delta R.T.: -0.004 min
Response: 611729
Conc: 5.47 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: -0.004 min
Response: 493552
Conc: 5.36 ug/ml



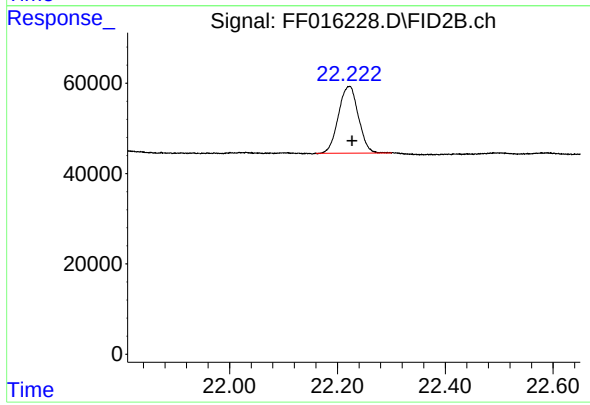
#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: -0.004 min
Response: 430146
Conc: 5.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.222 min
Delta R.T.: -0.005 min
Response: 381266
Conc: 5.80 ug/ml