

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016764.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 19:13
 Operator : YP\AJ
 Sample : Q3530-04
 Misc : LOD-MDL-SOIL-0.125 ML-QT4-2025
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-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 01:11:09 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...	15.047	2204940	21.105 ug/ml
Target Compounds			
1) N-OCTANE	2.038	303432	2.734 ug/ml
2) N-DECANE	4.565	305874	2.764 ug/ml
3) N-DODECANE	6.743	296309	2.667 ug/ml
4) N-TETRADECANE	8.576	284941	2.551 ug/ml
5) N-HEXADECANE	10.187	279696	2.489 ug/ml
6) N-OCTADECANE	11.630	305827	2.613 ug/ml
7) N-EICOSANE	12.944	313412	2.567 ug/ml
8) N-DOCOSANE	14.145	322492	2.705 ug/ml
10) N-TETRACOSANE	15.251	322898	2.725 ug/ml
11) N-HEXACOSANE	16.277	306447	2.668 ug/ml
12) N-OCTACOSANE	17.230	298797	2.622 ug/ml
13) N-TRIACONTANE	18.120	307434	2.736 ug/ml
14) N-DOTRIACONTANE	18.957	305491	2.850 ug/ml
15) N-TETRATRIACONTANE	19.745	222155	2.261 ug/ml
16) N-HEXATRIACONTANE	20.489	135165	1.581 ug/ml
17) N-OCTATRIACONTANE	21.247	86001	1.120 ug/ml
18) N-TETRACONTANE	22.192	61774	0.905 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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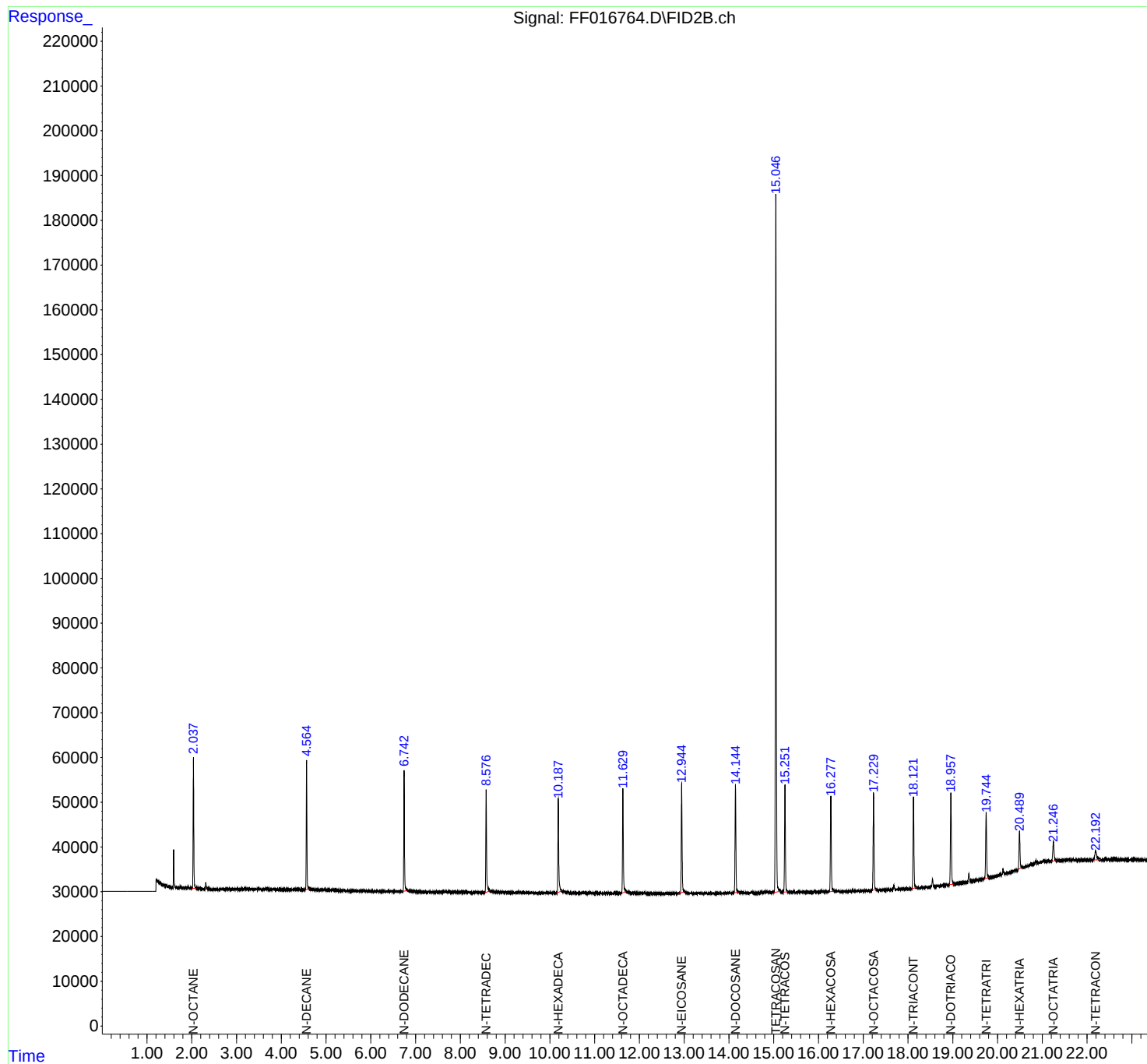
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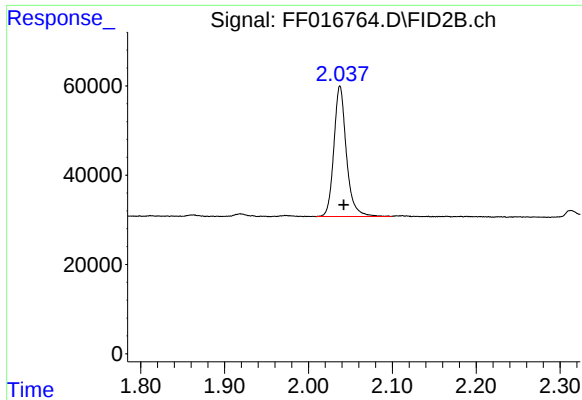
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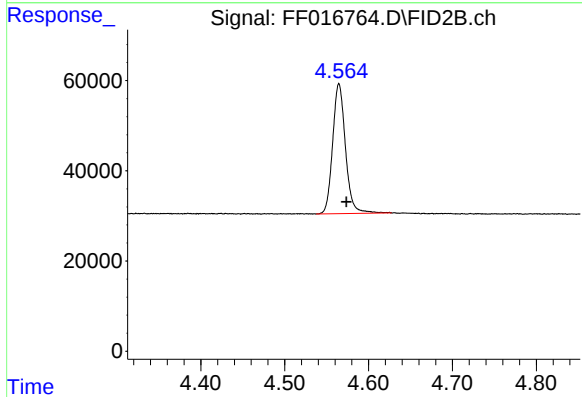
#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: -0.004 min
Response: 303432
Conc: 2.73 ug/ml

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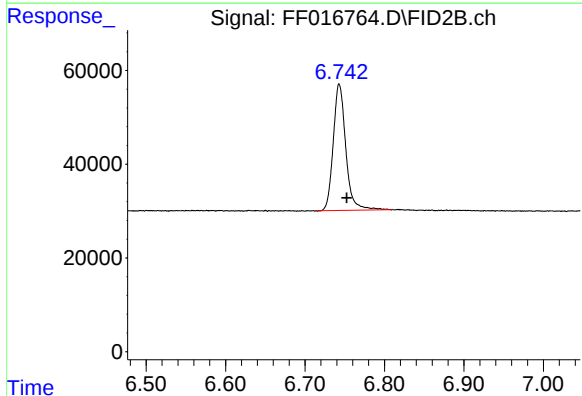
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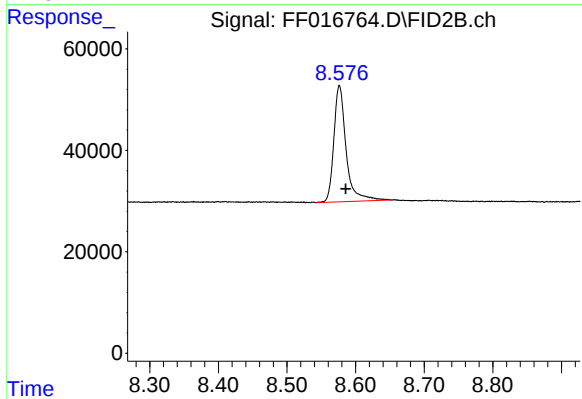
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 305874
Conc: 2.76 ug/ml



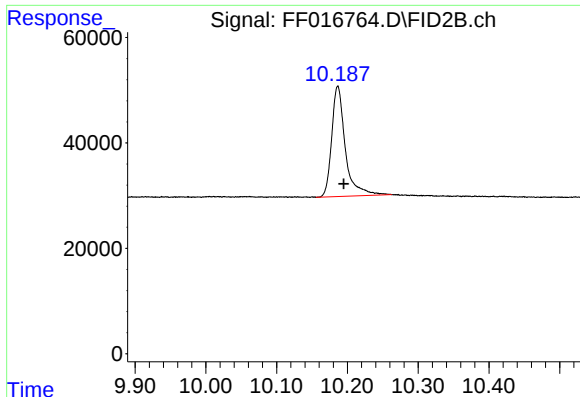
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.009 min
Response: 296309
Conc: 2.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.009 min
Response: 284941
Conc: 2.55 ug/ml



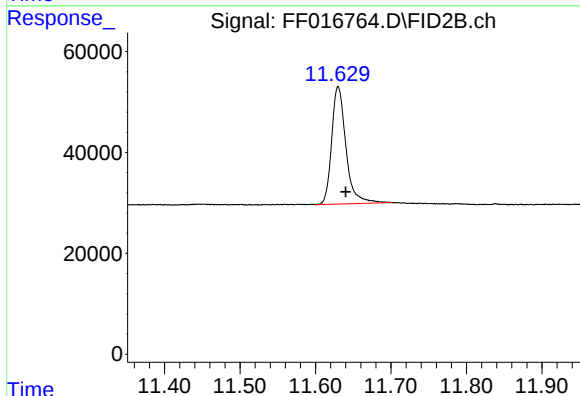
#5 N-HEXADECANE

R.T.: 10.187 min
Delta R.T.: -0.008 min
Response: 279696
Conc: 2.49 ug/ml

Instrument :
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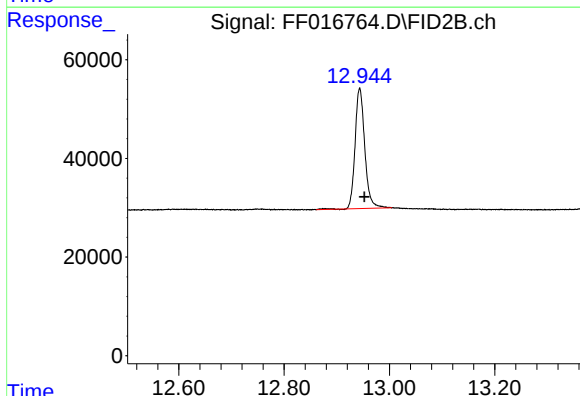
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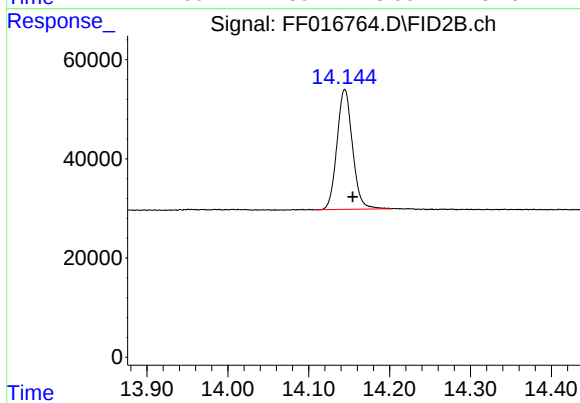
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.010 min
Response: 305827
Conc: 2.61 ug/ml



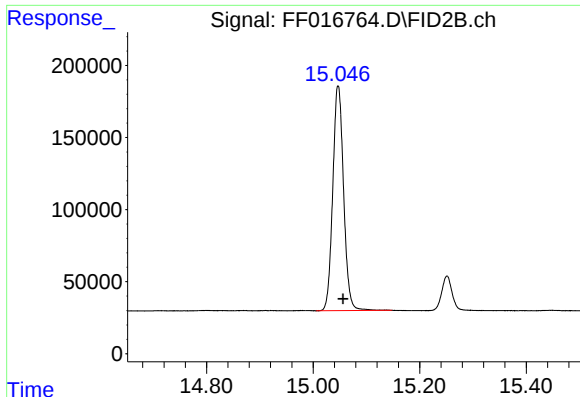
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.009 min
Response: 313412
Conc: 2.57 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.010 min
Response: 322492
Conc: 2.71 ug/ml



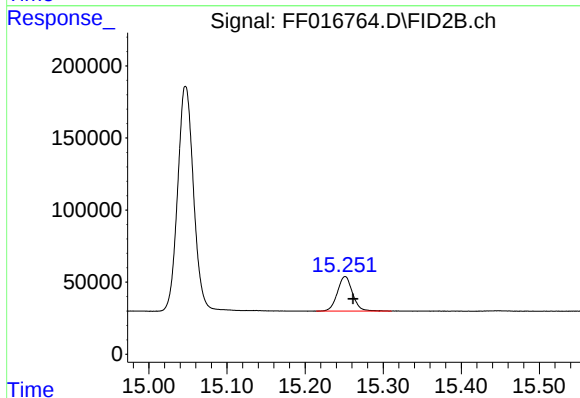
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min
Delta R.T.: -0.009 min
Response: 2204940
Conc: 21.11 ug/ml

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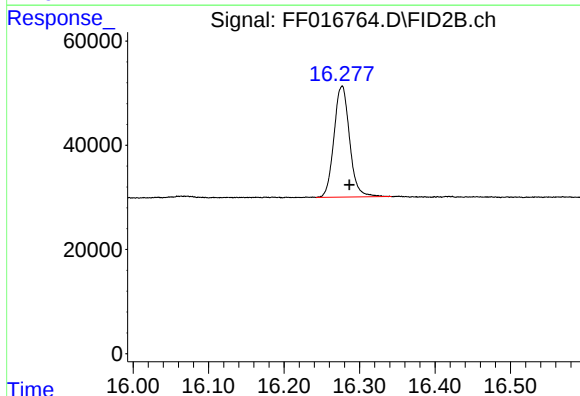
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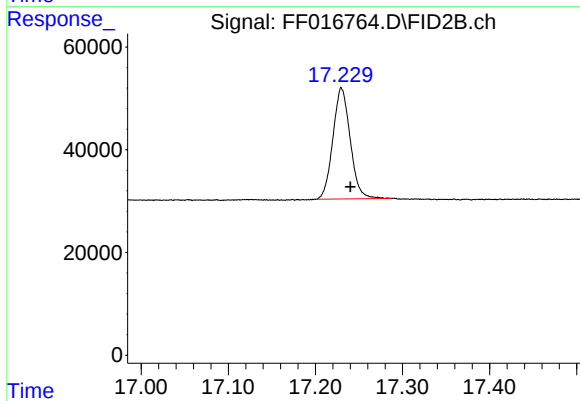
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.010 min
Response: 322898
Conc: 2.73 ug/ml



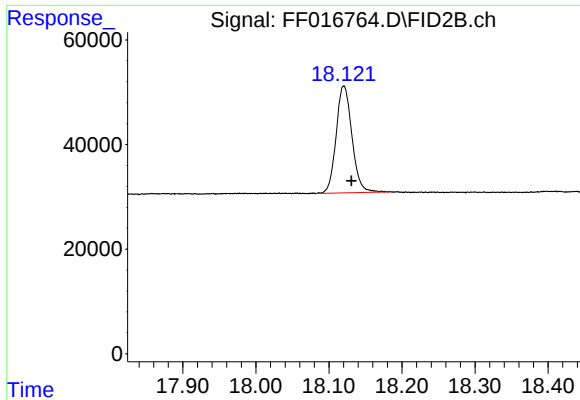
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.010 min
Response: 306447
Conc: 2.67 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.010 min
Response: 298797
Conc: 2.62 ug/ml



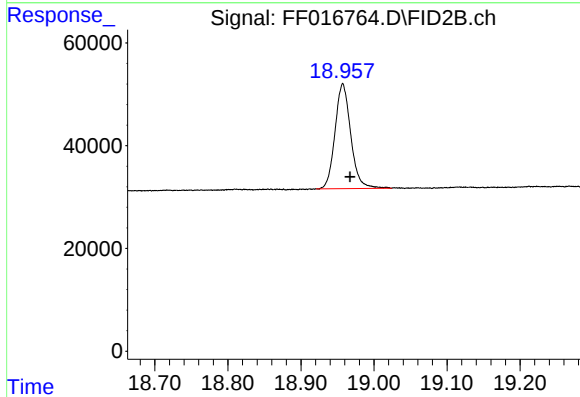
#13 N-TRIACONTANE

R.T.: 18.120 min
Delta R.T.: -0.010 min
Response: 307434
Conc: 2.74 ug/ml

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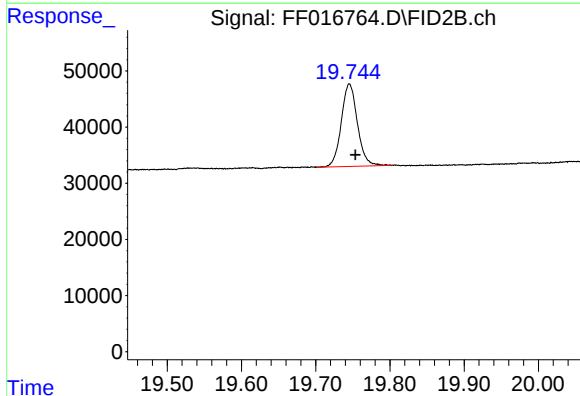
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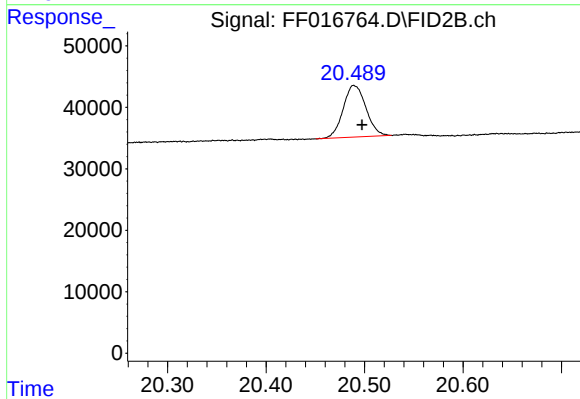
#14 N-DOTRIACONTANE

R.T.: 18.957 min
Delta R.T.: -0.010 min
Response: 305491
Conc: 2.85 ug/ml



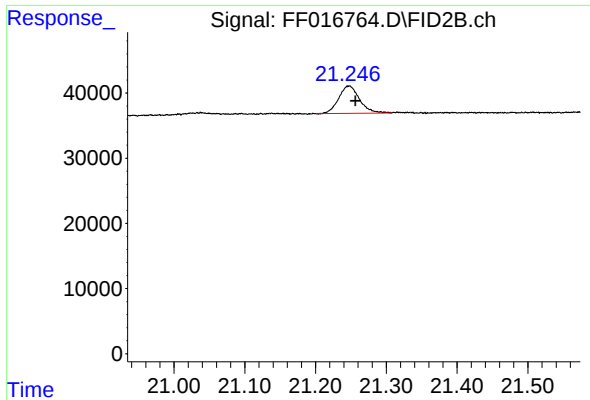
#15 N-TETRATRIACONTANE

R.T.: 19.745 min
Delta R.T.: -0.008 min
Response: 222155
Conc: 2.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.489 min
Delta R.T.: -0.008 min
Response: 135165
Conc: 1.58 ug/ml



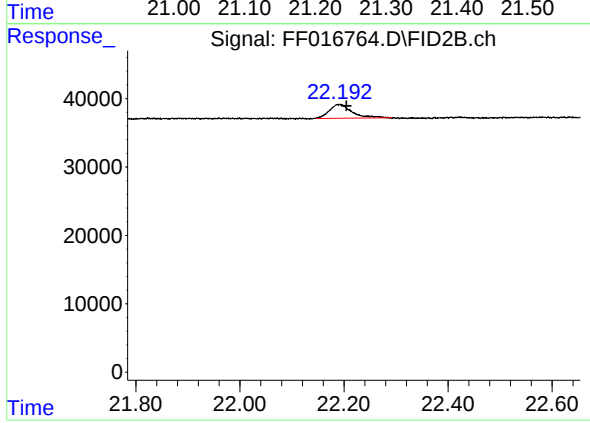
#17 N-OCTATRIACONTANE

R.T.: 21.247 min
Delta R.T.: -0.009 min
Response: 86001
Conc: 1.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.192 min
Delta R.T.: -0.012 min
Response: 61774
Conc: 0.91 ug/ml m