

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016772.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 23:08
 Operator : YP\AJ
 Sample : Q3530-11
 Misc : LOD-MDL-WATER-0.25 ML-QT4-2025
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-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 01:14:45 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	2047912	19.602 ug/ml
Target Compounds			
1) N-OCTANE	2.037	552619	4.979 ug/ml
2) N-DECANE	4.564	590369	5.336 ug/ml
3) N-DODECANE	6.742	595051	5.357 ug/ml
4) N-TETRADECANE	8.575	577847	5.173 ug/ml
5) N-HEXADECANE	10.184	573211	5.102 ug/ml
6) N-OCTADECANE	11.630	599916	5.126 ug/ml
7) N-EICOSANE	12.943	607307	4.974 ug/ml
8) N-DOCOSANE	14.144	608434	5.104 ug/ml
10) N-TETRACOSANE	15.252	594309	5.016 ug/ml
11) N-HEXACOSANE	16.276	574491	5.001 ug/ml
12) N-OCTACOSANE	17.229	554893	4.869 ug/ml
13) N-TRIACONTANE	18.119	591120	5.261 ug/ml
14) N-DOTRIACONTANE	18.957	935495	8.727 ug/ml
15) N-TETRATRIACONTANE	19.743	1713124	17.434 ug/ml
16) N-HEXATRIACONTANE	20.488	2662919	31.142 ug/ml
17) N-OCTATRIACONTANE	21.245	3285251	42.803 ug/ml
18) N-TETRACONTANE	22.183	3653038	53.526 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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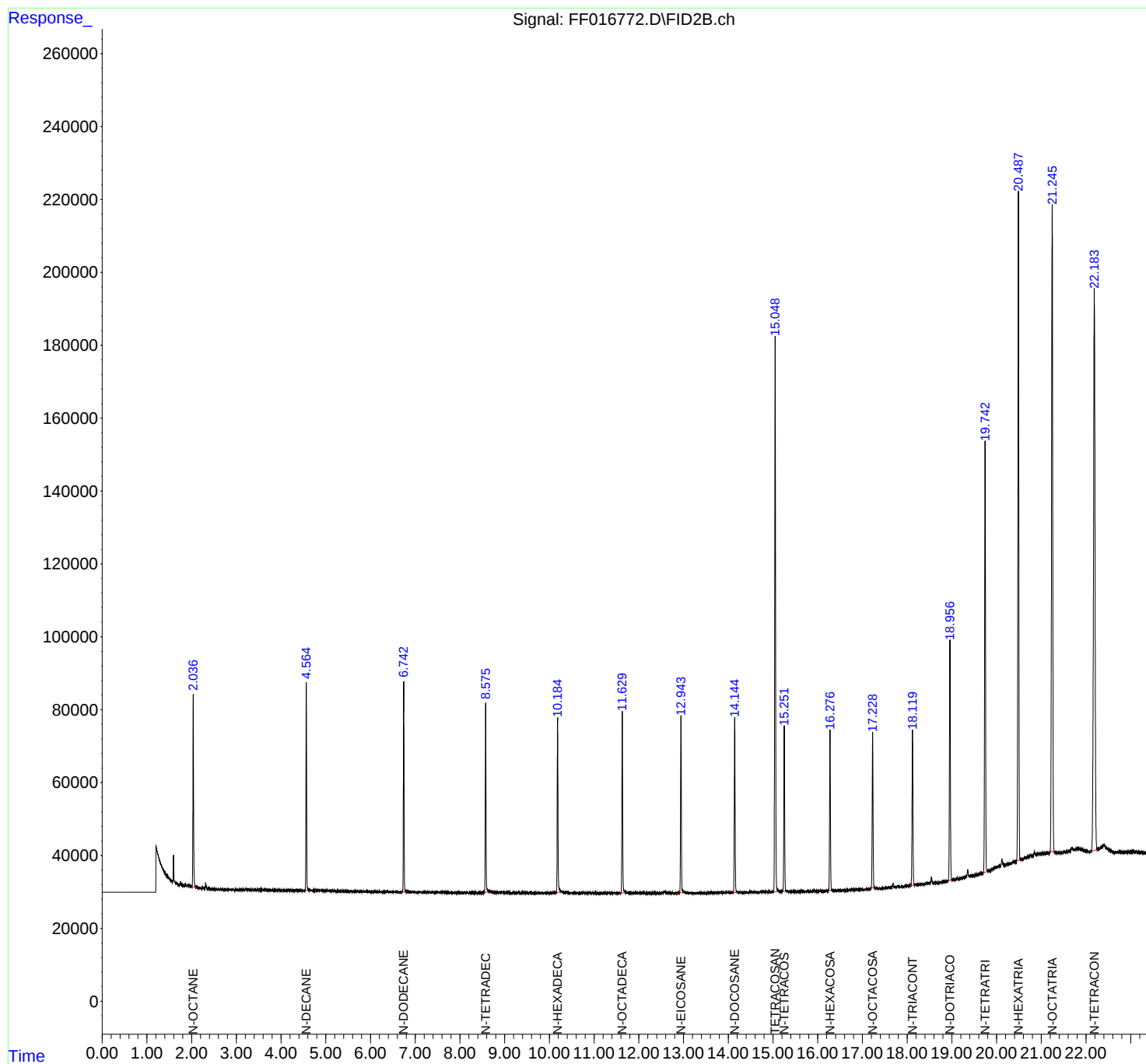
Instrument :
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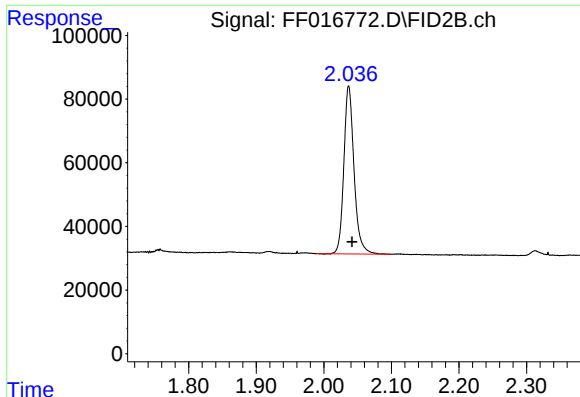
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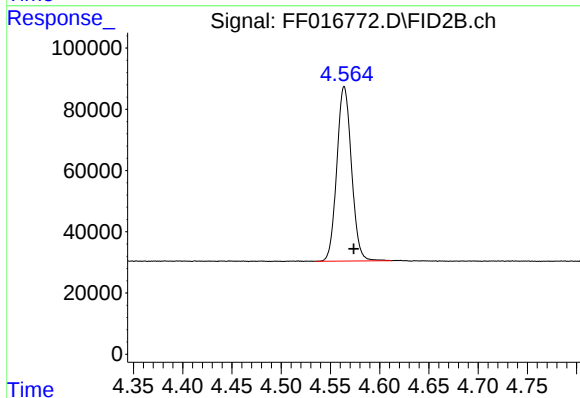
#1 N-OCTANE

R.T.: 2.037 min
Delta R.T.: -0.005 min
Response: 552619
Conc: 4.98 ug/ml

Instrument :
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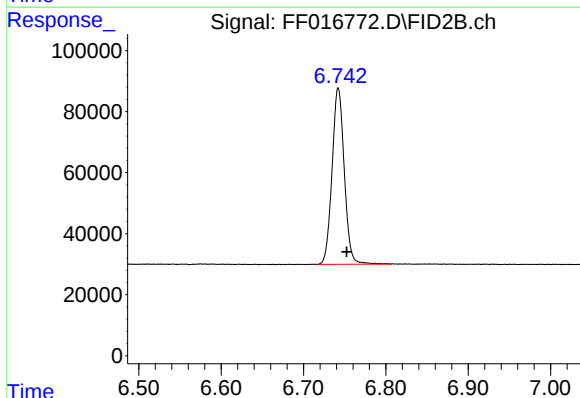
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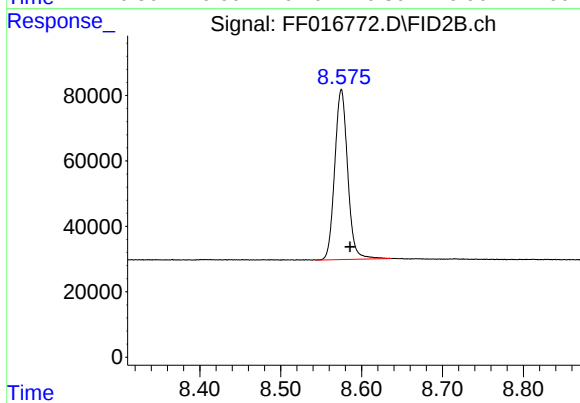
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.010 min
Response: 590369
Conc: 5.34 ug/ml



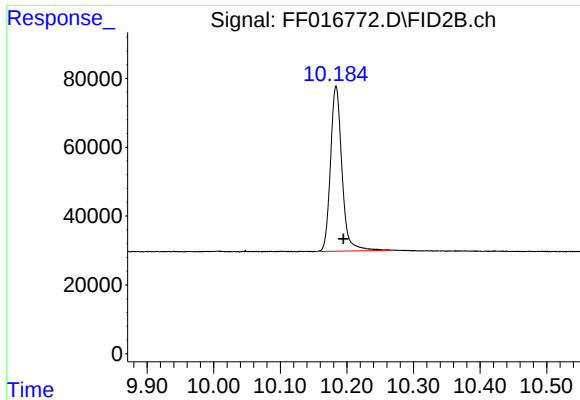
#3 N-DODECANE

R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 595051
Conc: 5.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.011 min
Response: 577847
Conc: 5.17 ug/ml



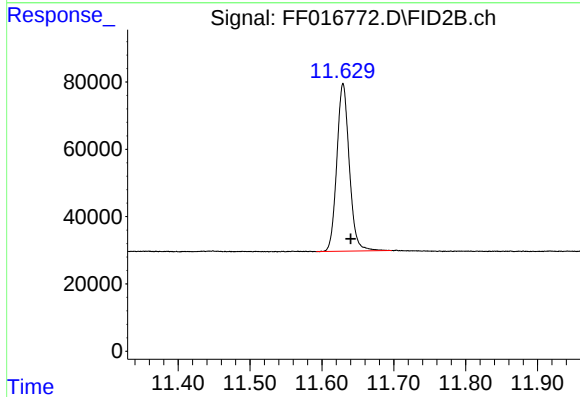
#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: -0.011 min
Response: 573211
Conc: 5.10 ug/ml

Instrument :
FID_F
ClientSampleId :
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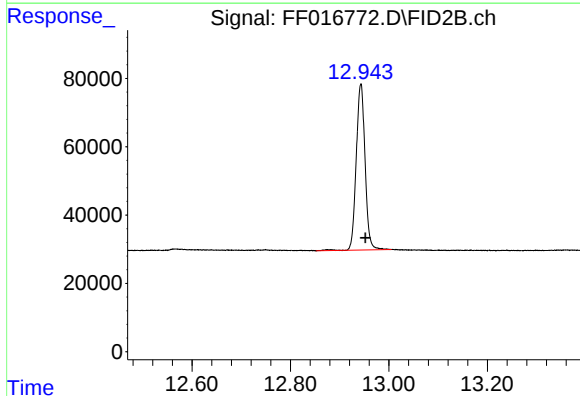
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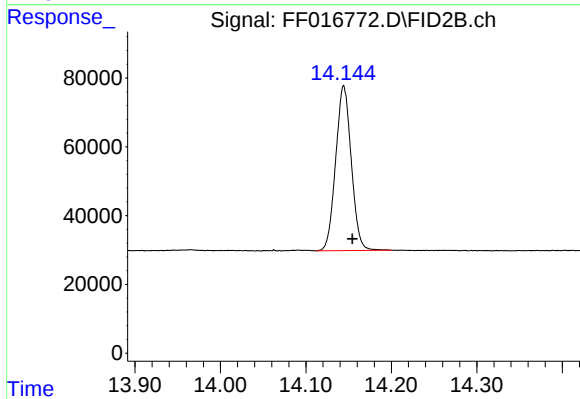
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.011 min
Response: 599916
Conc: 5.13 ug/ml



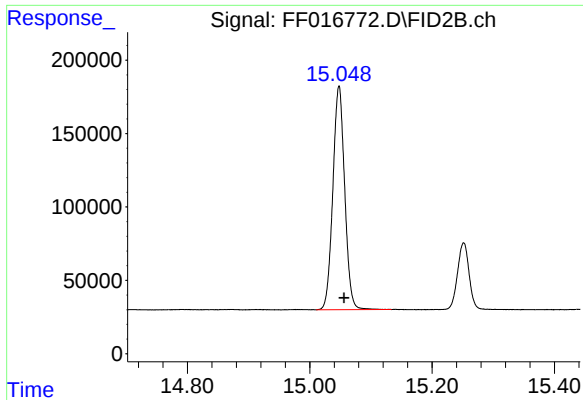
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.010 min
Response: 607307
Conc: 4.97 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.010 min
Response: 608434
Conc: 5.10 ug/ml



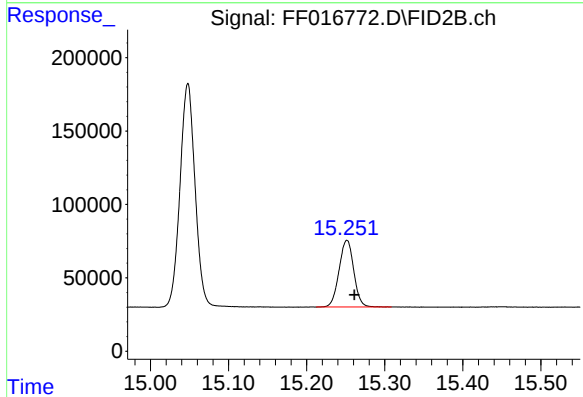
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 2047912
Conc: 19.60 ug/ml

Instrument :
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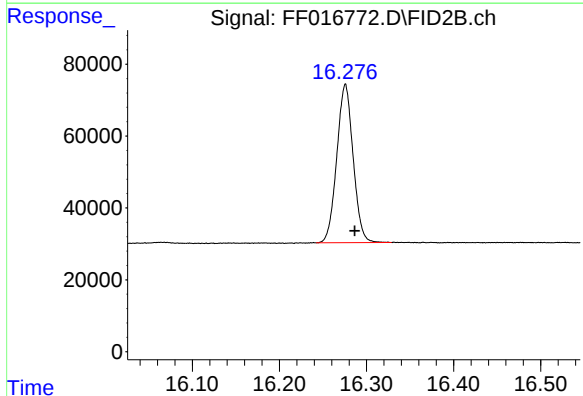
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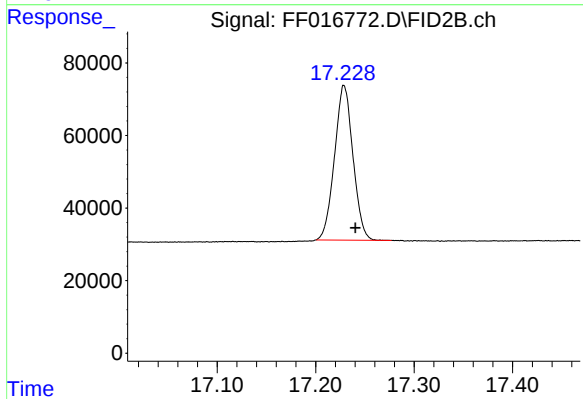
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.010 min
Response: 594309
Conc: 5.02 ug/ml



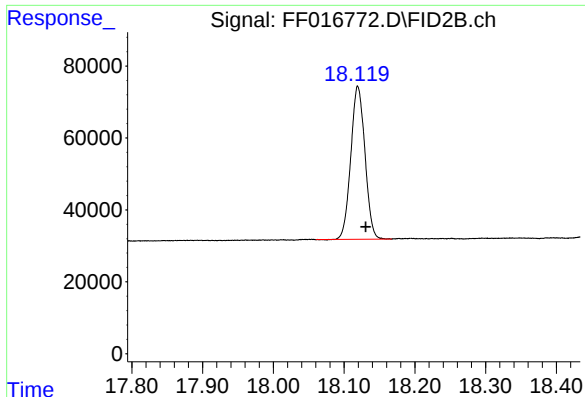
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.011 min
Response: 574491
Conc: 5.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 554893
Conc: 4.87 ug/ml



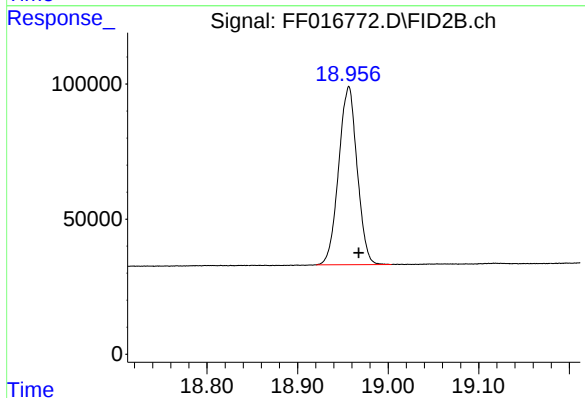
#13 N-TRIACONTANE

R.T.: 18.119 min
Delta R.T.: -0.011 min
Response: 591120
Conc: 5.26 ug/ml

Instrument :
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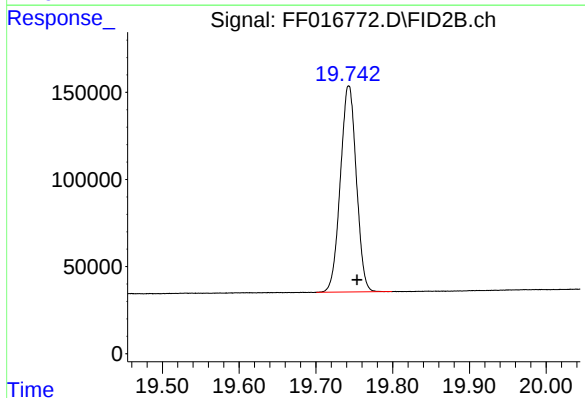
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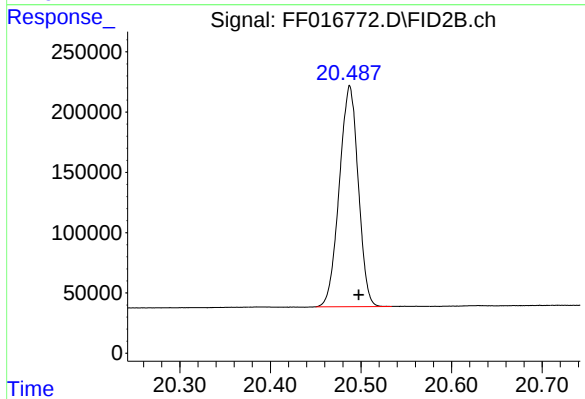
#14 N-DOTRIACONTANE

R.T.: 18.957 min
Delta R.T.: -0.011 min
Response: 935495
Conc: 8.73 ug/ml



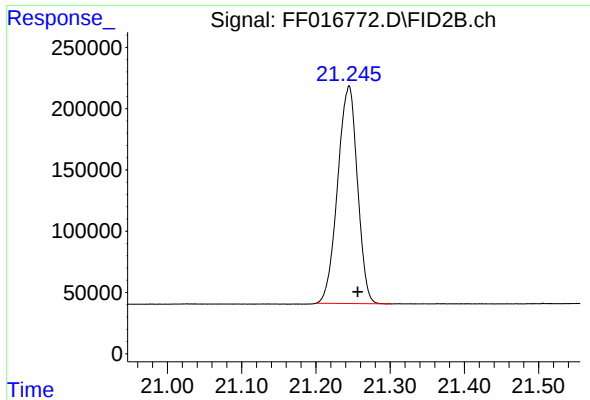
#15 N-TETRATRIACONTANE

R.T.: 19.743 min
Delta R.T.: -0.011 min
Response: 1713124
Conc: 17.43 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.488 min
Delta R.T.: -0.010 min
Response: 2662919
Conc: 31.14 ug/ml



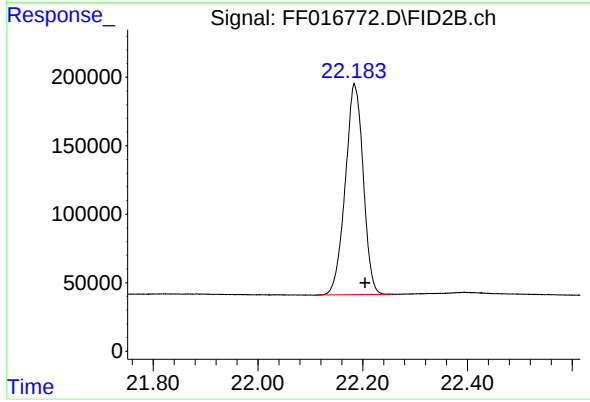
#17 N-OCTATRIACONTANE

R.T.: 21.245 min
Delta R.T.: -0.012 min
Response: 3285251
Conc: 42.80 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.183 min
Delta R.T.: -0.021 min
Response: 3653038
Conc: 53.53 ug/ml m