

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016762.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 18:14
 Operator : YP\AJ
 Sample : PB170659BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170659BS

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 01:10:06 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	1818889	17.410 ug/ml
Target Compounds			
1) N-OCTANE	2.036	1491531	13.438 ug/ml
2) N-DECANE	4.564	1864681	16.852 ug/ml
3) N-DODECANE	6.743	1900887	17.112 ug/ml
4) N-TETRADECANE	8.576	1911332	17.109 ug/ml
5) N-HEXADECANE	10.185	1974751	17.576 ug/ml
6) N-OCTADECANE	11.631	2026203	17.314 ug/ml
7) N-EICOSANE	12.944	2058880	16.861 ug/ml
8) N-DOCOSANE	14.146	2055789	17.246 ug/ml
10) N-TETRACOSANE	15.252	2004449	16.917 ug/ml
11) N-HEXACOSANE	16.277	1956708	17.033 ug/ml
12) N-OCTACOSANE	17.229	1908055	16.744 ug/mlm
13) N-TRIACONTANE	18.122	1831741	16.303 ug/ml
14) N-DOTRIACONTANE	18.958	1813593	16.918 ug/ml
15) N-TETRATRIACONTANE	19.744	1545757	15.731 ug/ml
16) N-HEXATRIACONTANE	20.487	1246644	14.579 ug/ml
17) N-OCTATRIACONTANE	21.244	927304	12.082 ug/ml
18) N-TETRACONTANE	22.185	697972	10.227 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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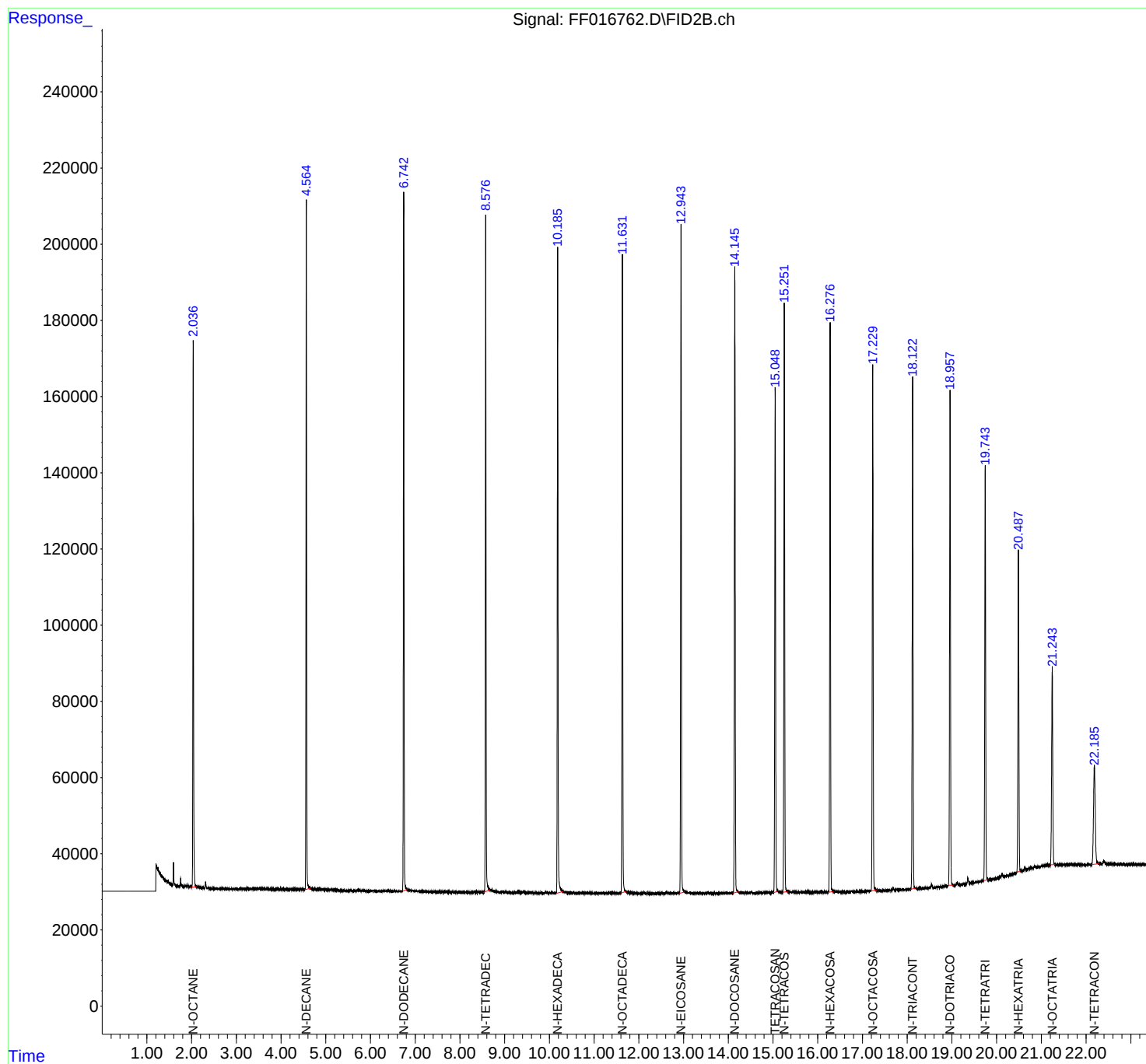
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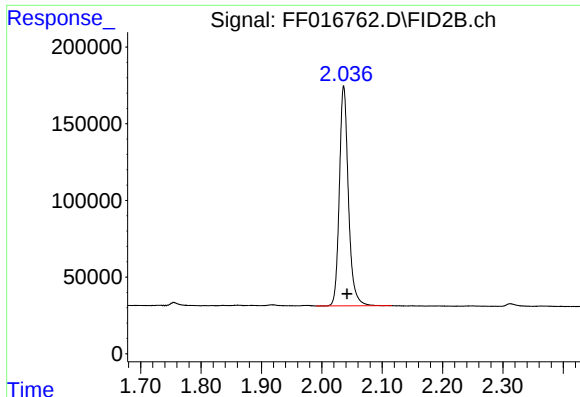
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#1 N-OCTANE

R.T.: 2.036 min
Delta R.T.: -0.006 min
Response: 1491531
Conc: 13.44 ug/ml

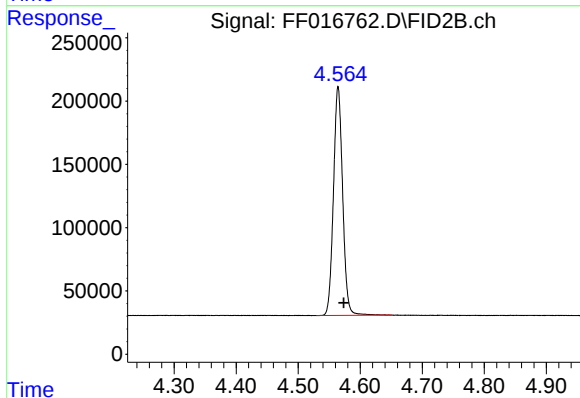
Instrument :

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ClientSampleId :
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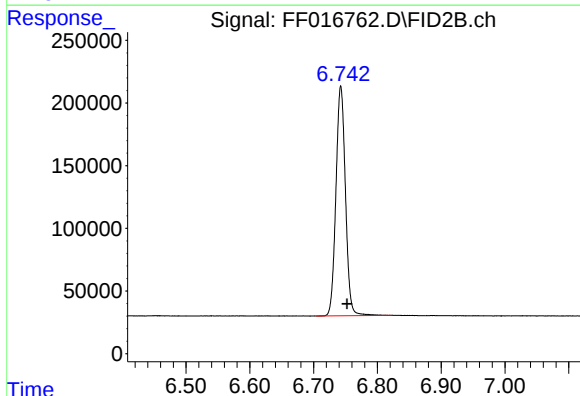
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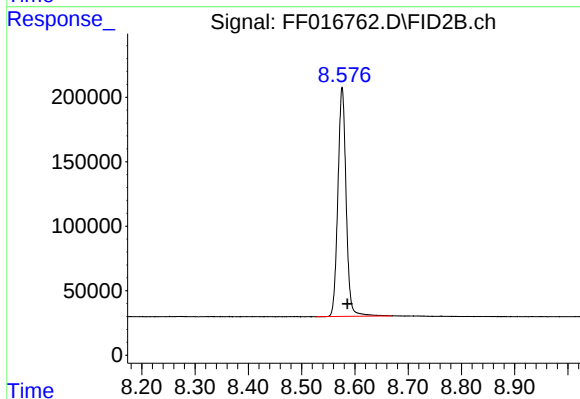
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.009 min
Response: 1864681
Conc: 16.85 ug/ml



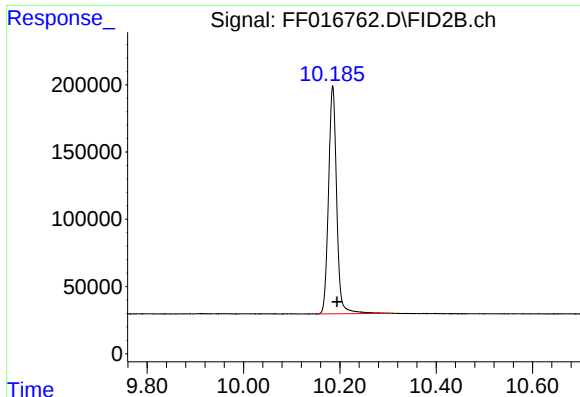
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 1900887
Conc: 17.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.010 min
Response: 1911332
Conc: 17.11 ug/ml



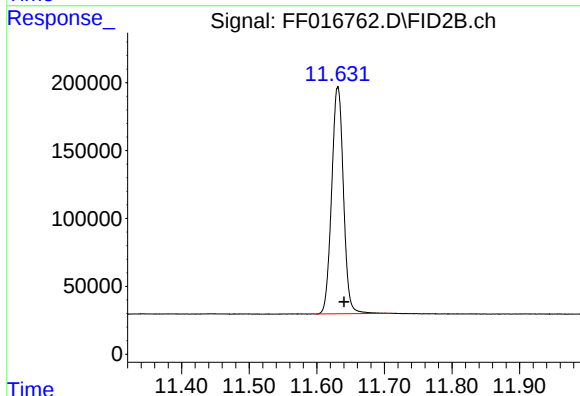
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.009 min
Response: 1974751
Conc: 17.58 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170659BS

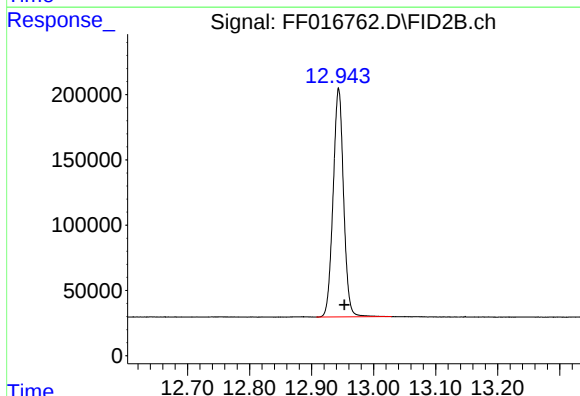
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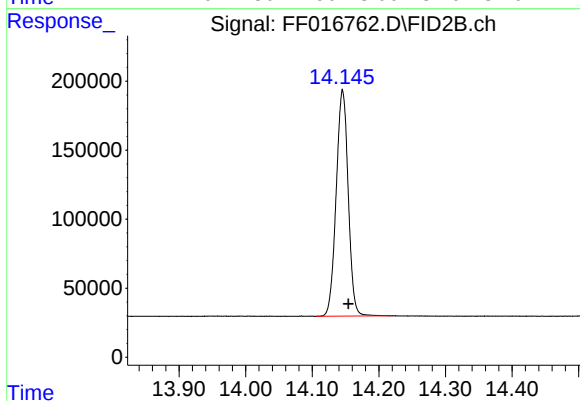
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.009 min
Response: 2026203
Conc: 17.31 ug/ml



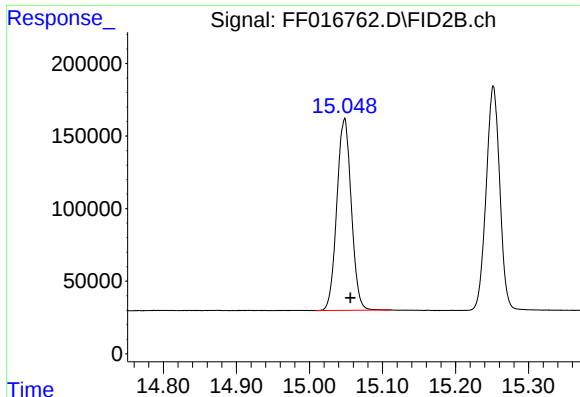
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.009 min
Response: 2058880
Conc: 16.86 ug/ml



#8 N-DOCOSANE

R.T.: 14.146 min
Delta R.T.: -0.009 min
Response: 2055789
Conc: 17.25 ug/ml



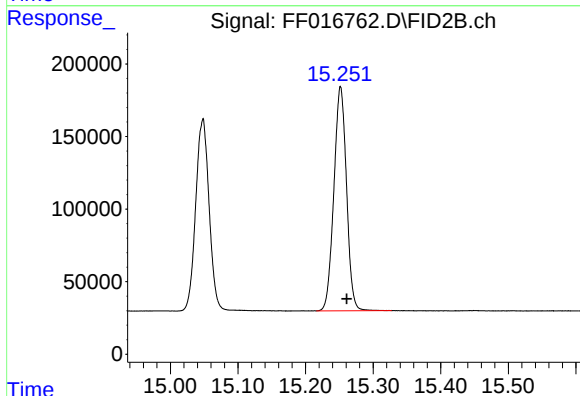
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 1818889
Conc: 17.41 ug/ml

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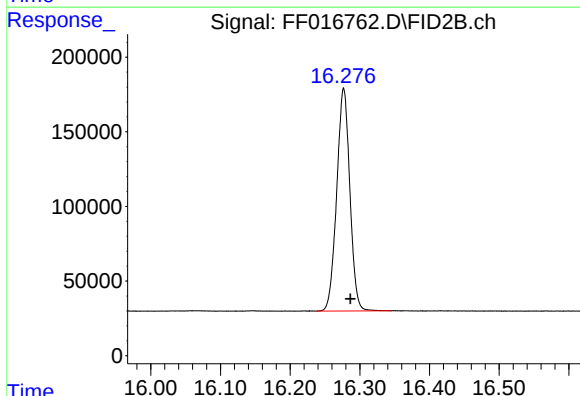
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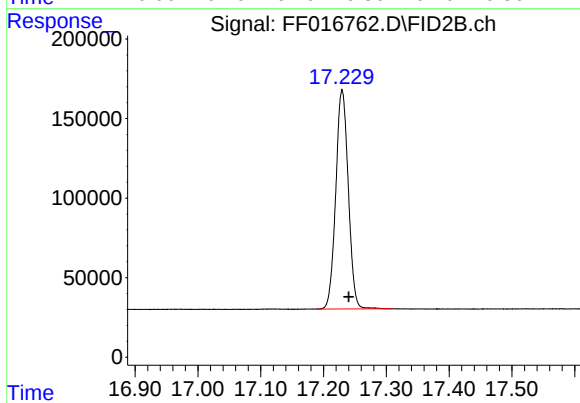
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.009 min
Response: 2004449
Conc: 16.92 ug/ml



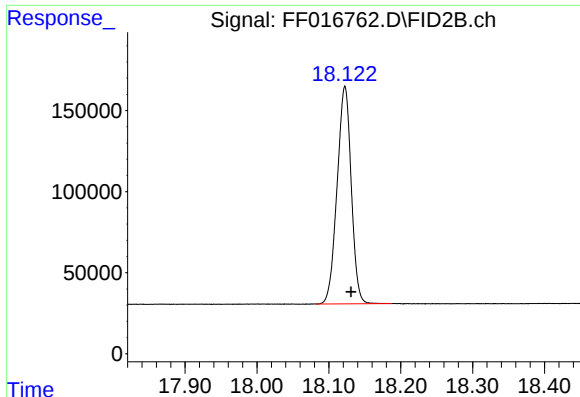
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.010 min
Response: 1956708
Conc: 17.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 1908055
Conc: 16.74 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.122 min
Delta R.T.: -0.008 min
Response: 1831741
Conc: 16.30 ug/ml

Instrument :

FID_F

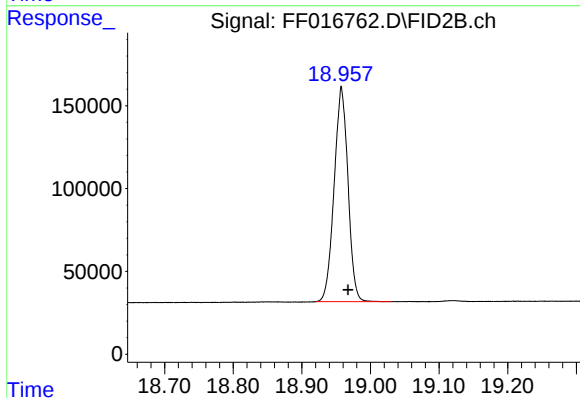
ClientSampleId :

PB170659BS

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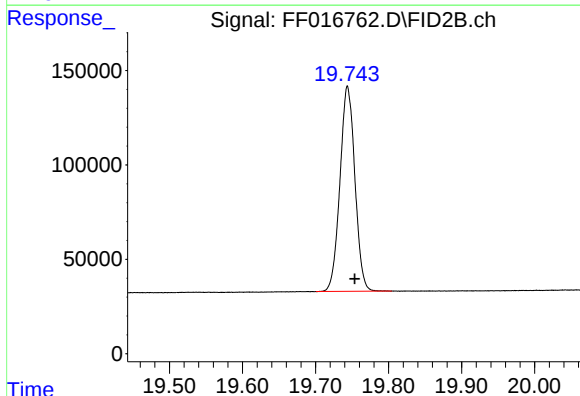
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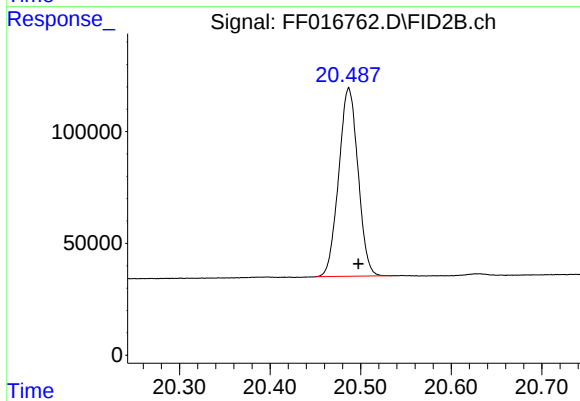
#14 N-DOTRIACONTANE

R.T.: 18.958 min
Delta R.T.: -0.010 min
Response: 1813593
Conc: 16.92 ug/ml



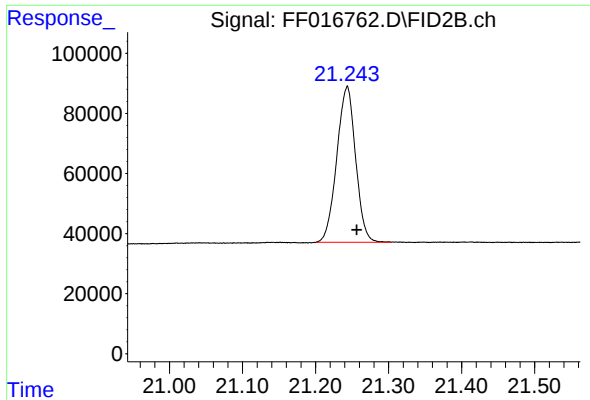
#15 N-TETRATRIACONTANE

R.T.: 19.744 min
Delta R.T.: -0.010 min
Response: 1545757
Conc: 15.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.487 min
Delta R.T.: -0.011 min
Response: 1246644
Conc: 14.58 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.244 min
Delta R.T.: -0.013 min
Response: 927304
Conc: 12.08 ug/ml

Instrument :

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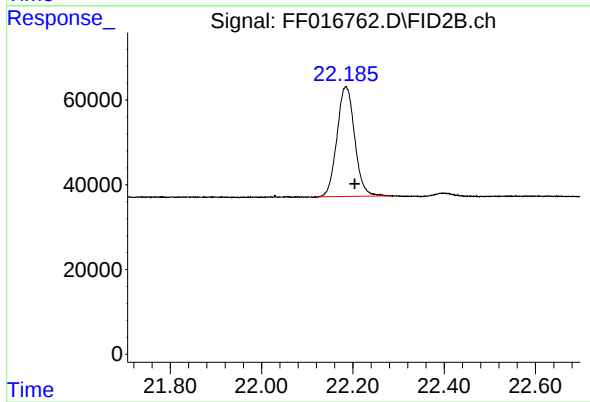
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#18 N-TETRACONTANE

R.T.: 22.185 min
Delta R.T.: -0.019 min
Response: 697972
Conc: 10.23 ug/ml m