

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112525\
 Data File : FF016800.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2025 18:11
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 01:46:26 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...	15.045	4797796	45.923 ug/ml
Target Compounds			
1) N-OCTANE	2.033	5438499	48.998 ug/ml
2) N-DECANE	4.565	5524592	49.930 ug/ml
3) N-DODECANE	6.744	5556044	50.016 ug/ml
4) N-TETRADECANE	8.576	5589050	50.030 ug/ml
5) N-HEXADECANE	10.184	5573000	49.601 ug/ml
6) N-OCTADECANE	11.630	5658380	48.351 ug/ml
7) N-EICOSANE	12.943	5742916	47.032 ug/ml
8) N-DOCOSANE	14.144	5521083	46.316 ug/ml
10) N-TETRACOSANE	15.250	5405230	45.618 ug/ml
11) N-HEXACOSANE	16.274	5145017	44.786 ug/ml
12) N-OCTACOSANE	17.226	5052008	44.333 ug/mlm
13) N-TRIACONTANE	18.118	5021898	44.696 ug/ml
14) N-DOTRIACONTANE	18.955	4822205	44.985 ug/ml
15) N-TETRATRIACONTANE	19.741	4623337	47.051 ug/ml
16) N-HEXATRIACONTANE	20.484	4190194	49.003 ug/mlm
17) N-OCTATRIACONTANE	21.238	3807782	49.611 ug/mlm
18) N-TETRACONTANE	22.175	3295955	48.294 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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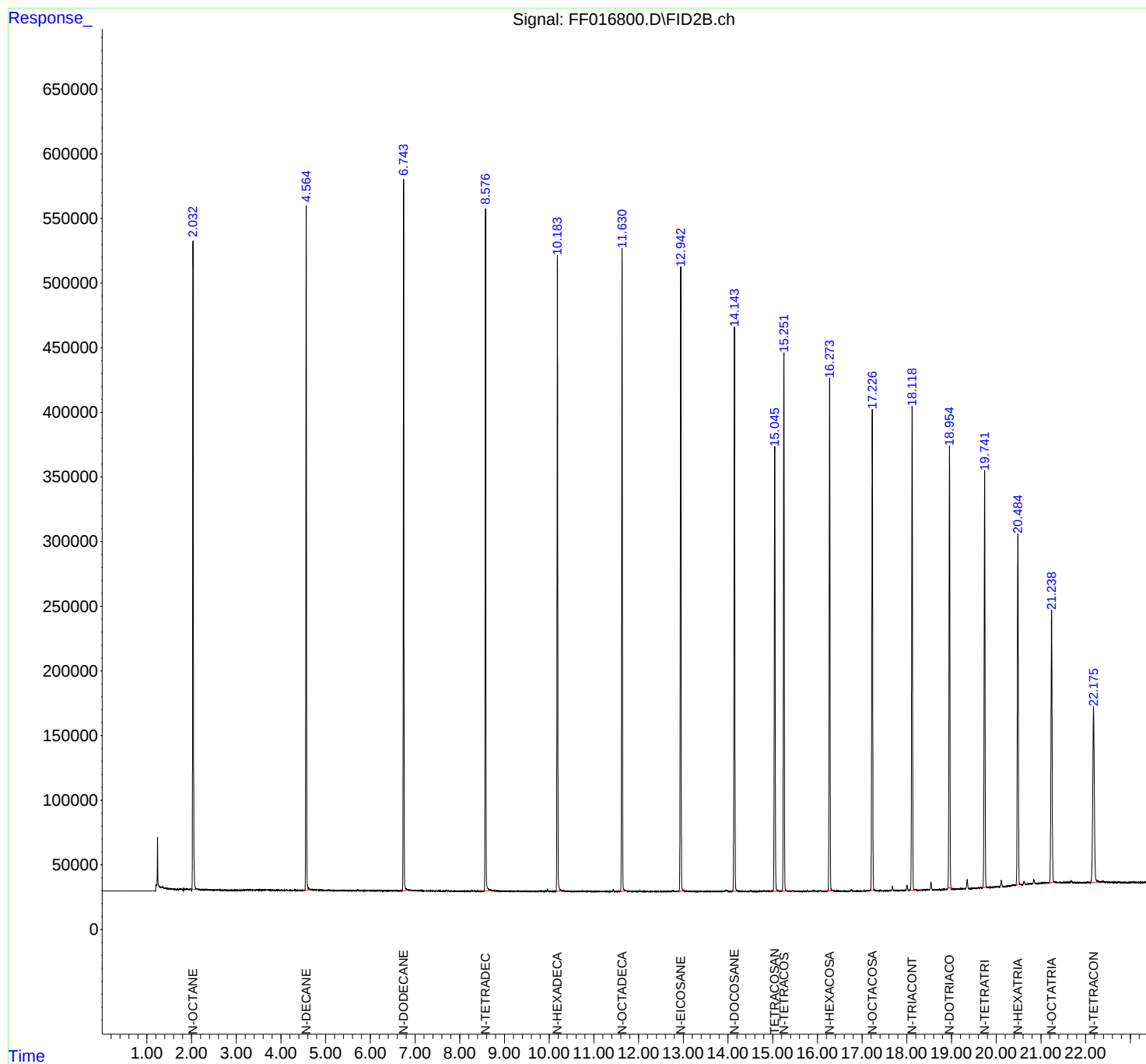
Instrument :
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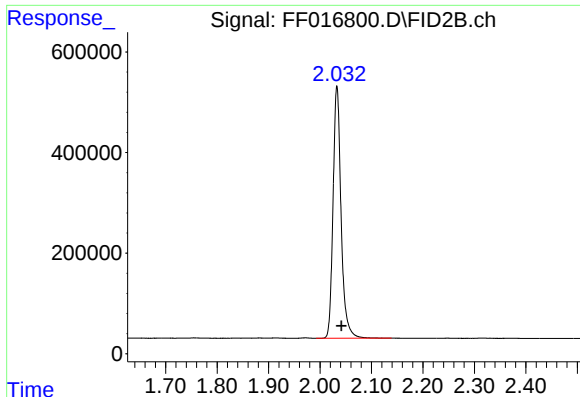
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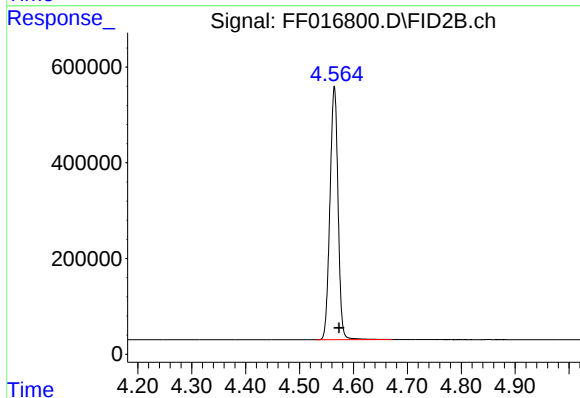
#1 N-OCTANE

R.T.: 2.033 min
Delta R.T.: -0.009 min
Response: 5438499
Conc: 49.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

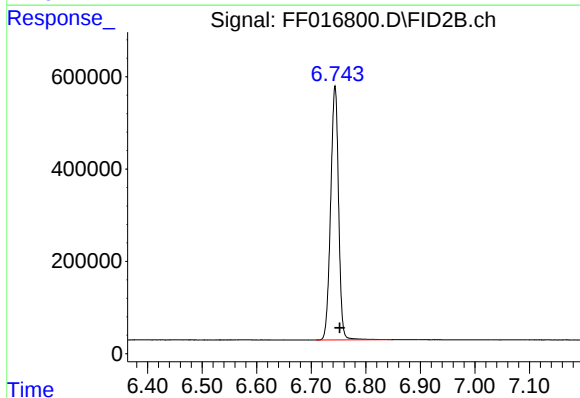
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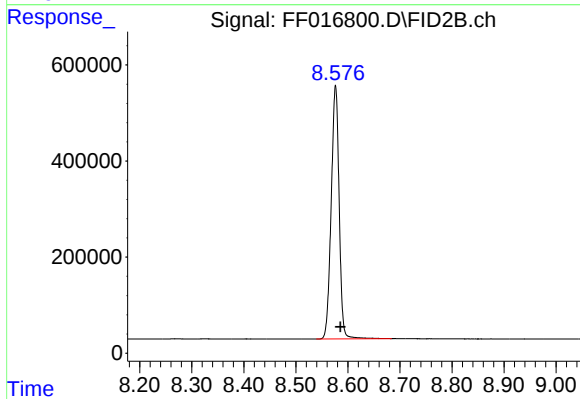
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 5524592
Conc: 49.93 ug/ml



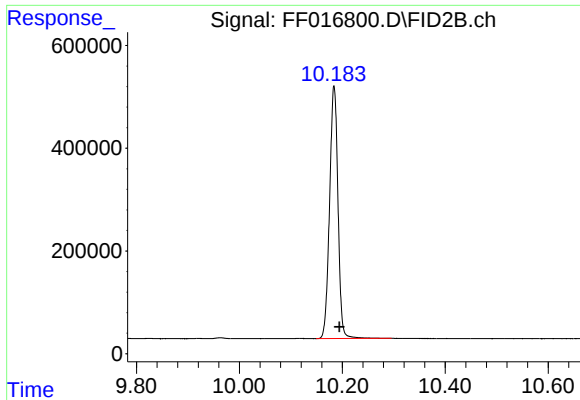
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.009 min
Response: 5556044
Conc: 50.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.009 min
Response: 5589050
Conc: 50.03 ug/ml



#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: -0.011 min
Response: 5573000
Conc: 49.60 ug/ml

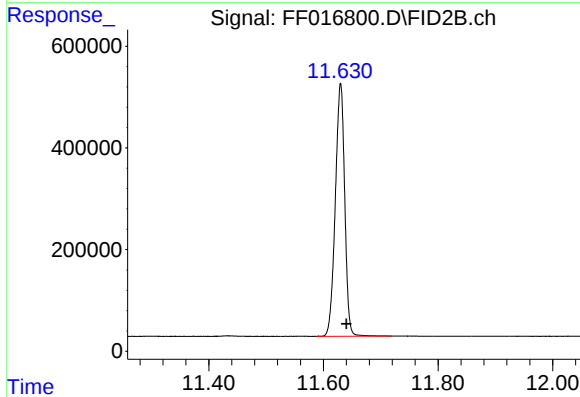
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

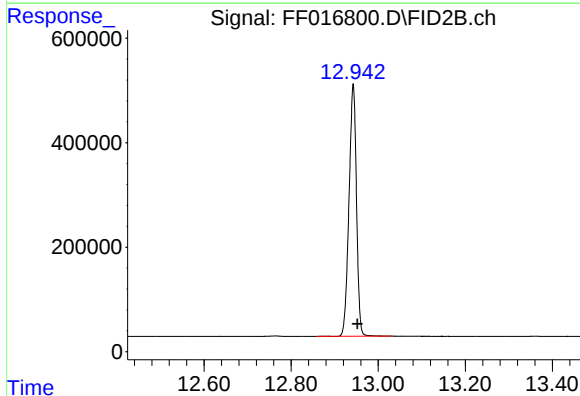
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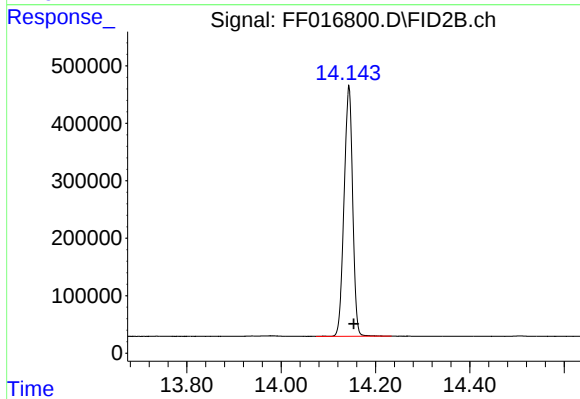
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.010 min
Response: 5658380
Conc: 48.35 ug/ml



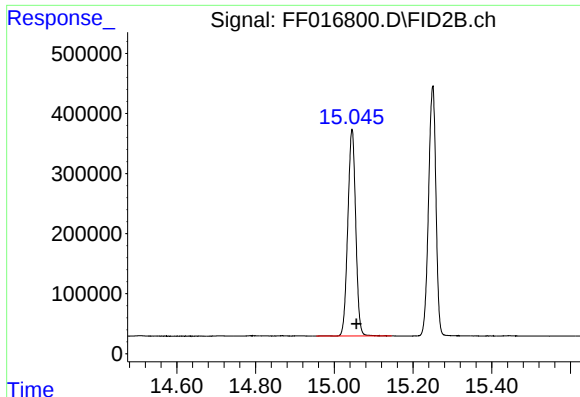
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.010 min
Response: 5742916
Conc: 47.03 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 5521083
Conc: 46.32 ug/ml



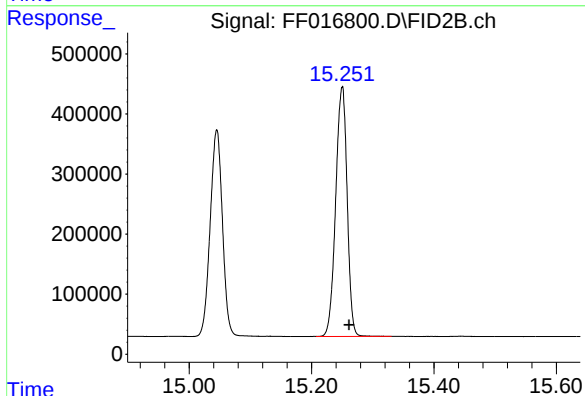
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.011 min
Response: 4797796
Conc: 45.92 ug/ml

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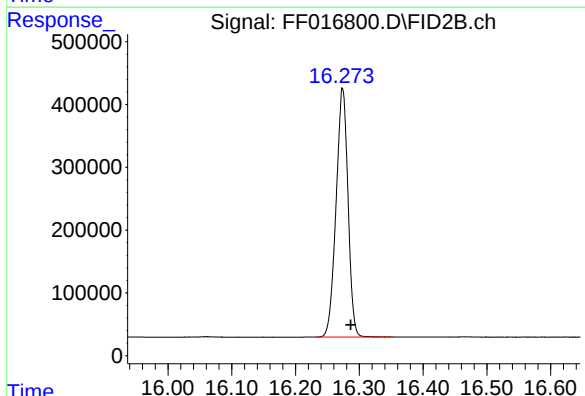
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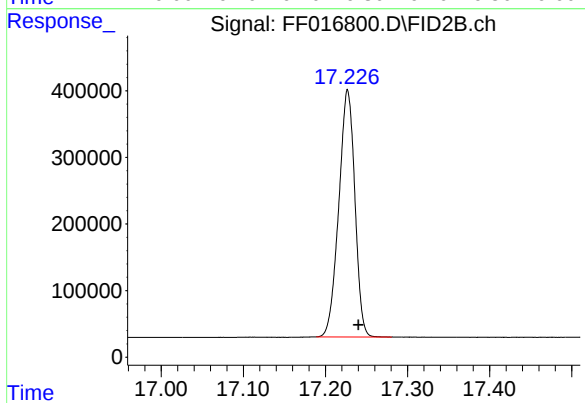
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: -0.011 min
Response: 5405230
Conc: 45.62 ug/ml



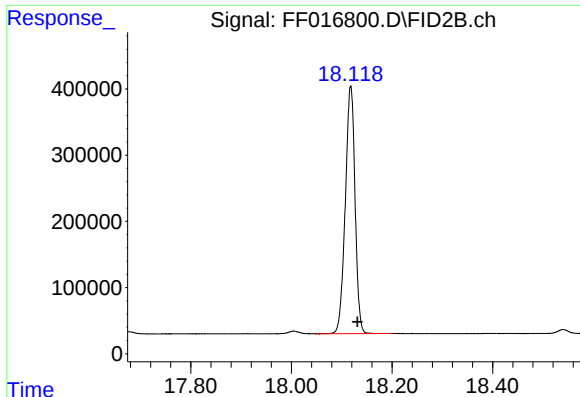
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.013 min
Response: 5145017
Conc: 44.79 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.014 min
Response: 5052008
Conc: 44.33 ug/ml m



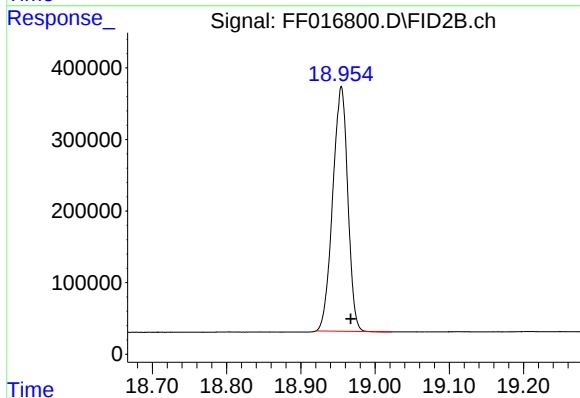
#13 N-TRIACONTANE

R.T.: 18.118 min
Delta R.T.: -0.013 min
Response: 5021898
Conc: 44.70 ug/ml

Instrument :
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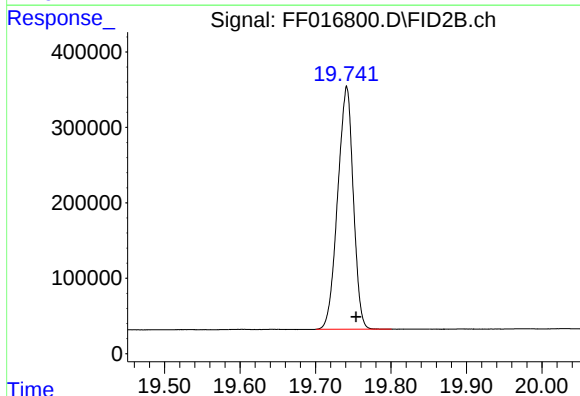
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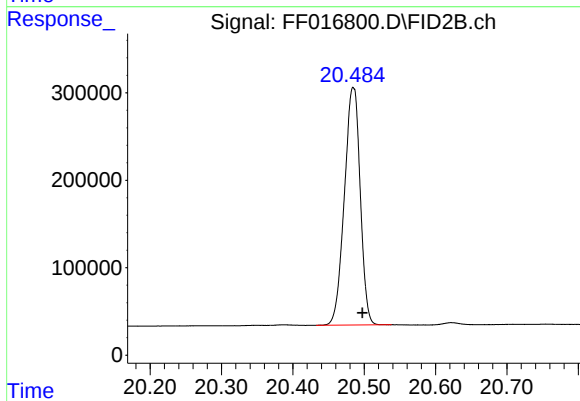
#14 N-DOTRIACONTANE

R.T.: 18.955 min
Delta R.T.: -0.013 min
Response: 4822205
Conc: 44.98 ug/ml



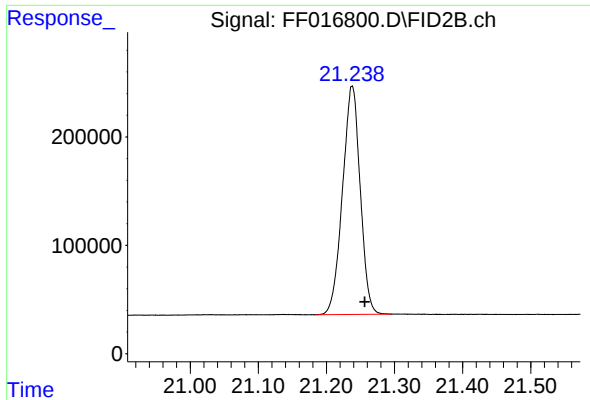
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: -0.012 min
Response: 4623337
Conc: 47.05 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.484 min
Delta R.T.: -0.014 min
Response: 4190194
Conc: 49.00 ug/ml m



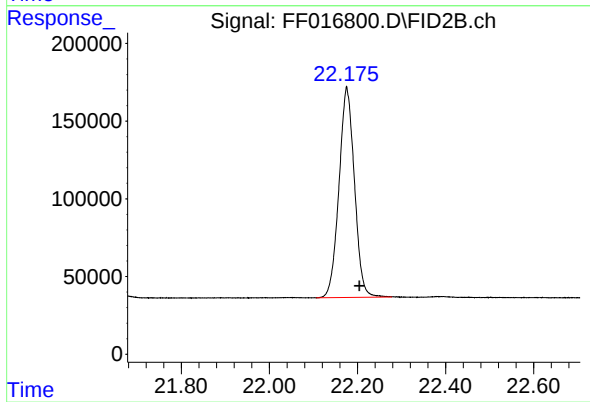
#17 N-OCTATRIACONTANE

R.T.: 21.238 min
Delta R.T.: -0.018 min
Response: 3807782
Conc: 49.61 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.175 min
Delta R.T.: -0.029 min
Response: 3295955
Conc: 48.29 ug/ml m