

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101025\
 Data File : FF016565.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2025 17:00
 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 :Yogesh Patel 10/13/2025
 Supervised By :mohammad ahmed 10/14/2025

Integration File: autoint1.e
 Quant Time: Oct 10 23:48:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:40:27 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...	15.079	5774303	49.096 ug/ml
Target Compounds			
1) N-OCTANE	2.049	6324052	53.516 ug/ml
2) N-DECANE	4.589	6613277	55.010 ug/ml
3) N-DODECANE	6.769	6731413	55.227 ug/ml
4) N-TETRADECANE	8.603	6718984	54.588 ug/ml
5) N-HEXADECANE	10.213	6768249	54.081 ug/ml
6) N-OCTADECANE	11.660	6879202	52.940 ug/ml
7) N-EICOSANE	12.974	6859620	51.443 ug/ml
8) N-DOCOSANE	14.176	6588500	50.264 ug/ml
10) N-TETRACOSANE	15.284	6453459	48.720 ug/ml
11) N-HEXACOSANE	16.310	6289529	47.625 ug/ml
12) N-OCTACOSANE	17.263	6119070	46.592 ug/ml
13) N-TRIACONTANE	18.154	6123314	46.168 ug/ml
14) N-DOTRIACONTANE	18.991	5896731	46.575 ug/ml
15) N-TETRATRIACONTANE	19.776	5115157	48.887 ug/ml
16) N-HEXATRIACONTANE	20.520	4246494	51.610 ug/ml
17) N-OCTATRIACONTANE	21.282	3923423	57.336 ug/ml
18) N-TETRACONTANE	22.238	3545844	59.592 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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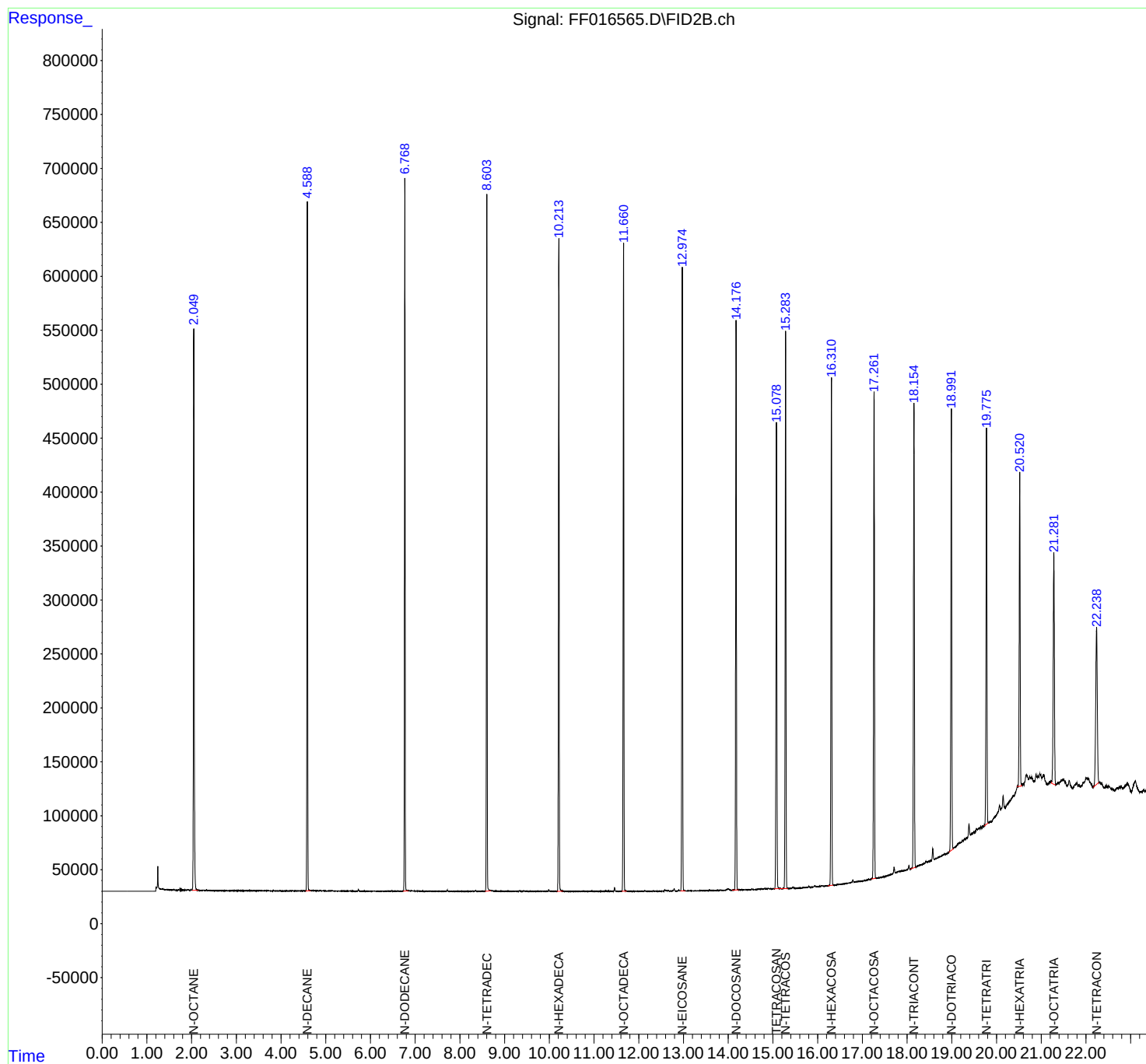
Instrument :
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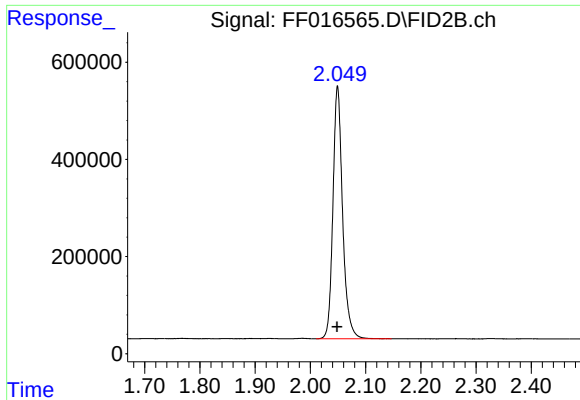
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.049 min
Delta R.T.: 0.001 min
Response: 6324052
Conc: 53.52 ug/ml

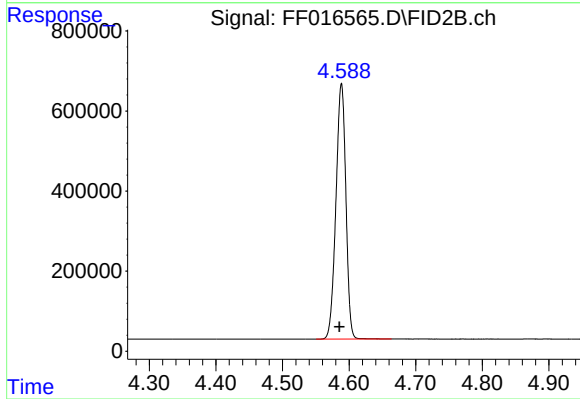
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

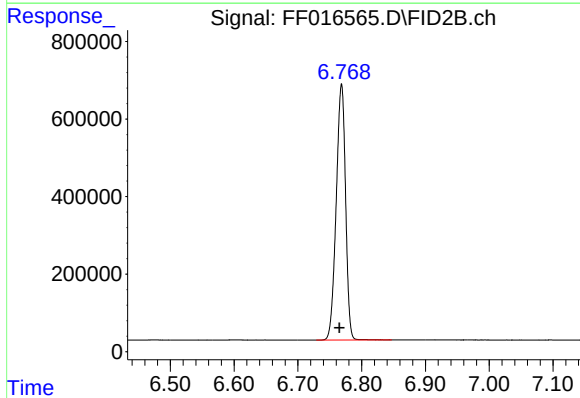
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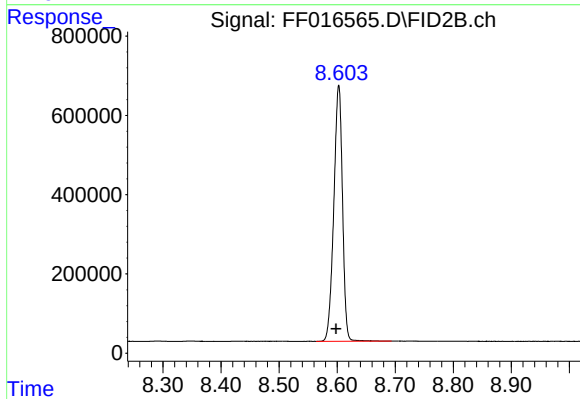
#2 N-DECANE

R.T.: 4.589 min
Delta R.T.: 0.003 min
Response: 6613277
Conc: 55.01 ug/ml



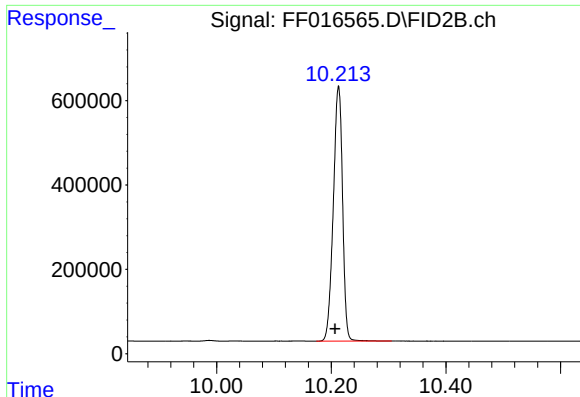
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: 0.004 min
Response: 6731413
Conc: 55.23 ug/ml



#4 N-TETRADECANE

R.T.: 8.603 min
Delta R.T.: 0.005 min
Response: 6718984
Conc: 54.59 ug/ml



#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: 0.006 min
Response: 6768249
Conc: 54.08 ug/ml

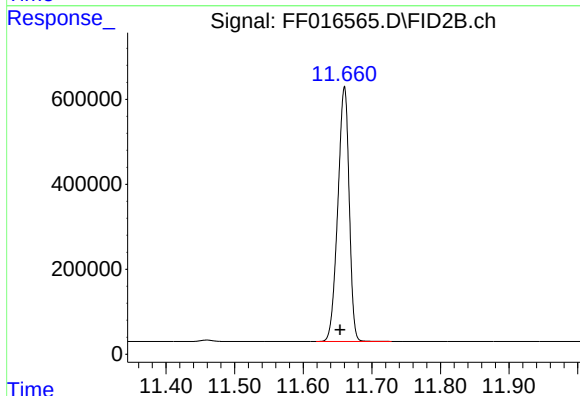
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

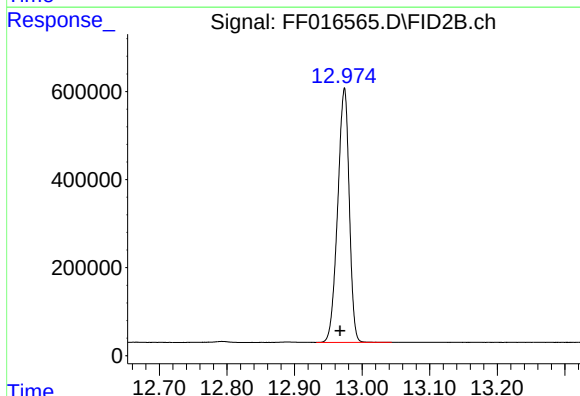
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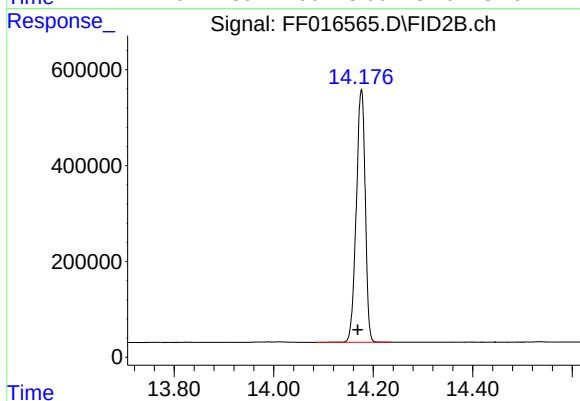
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: 0.007 min
Response: 6879202
Conc: 52.94 ug/ml



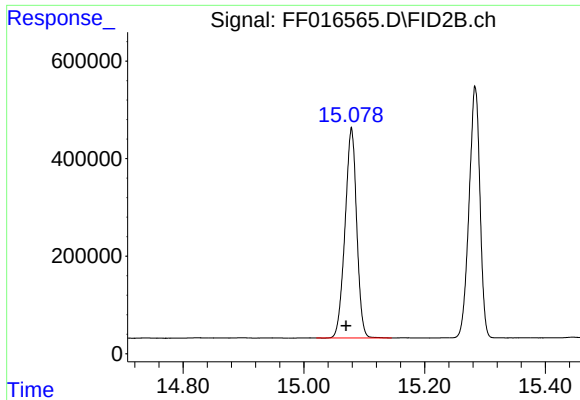
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: 0.006 min
Response: 6859620
Conc: 51.44 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: 0.007 min
Response: 6588500
Conc: 50.26 ug/ml



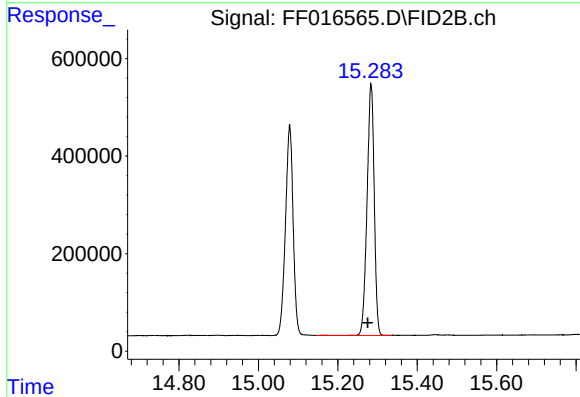
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min
Delta R.T.: 0.009 min
Response: 5774303
Conc: 49.10 ug/ml

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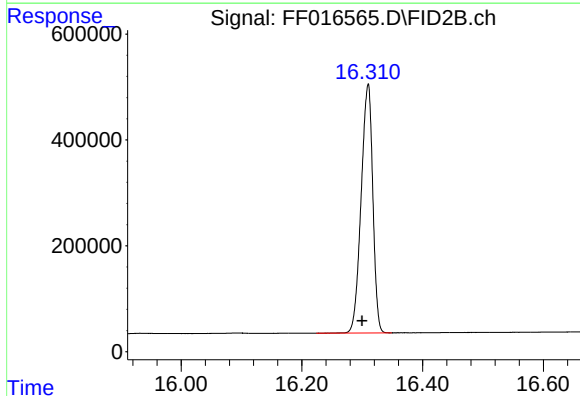
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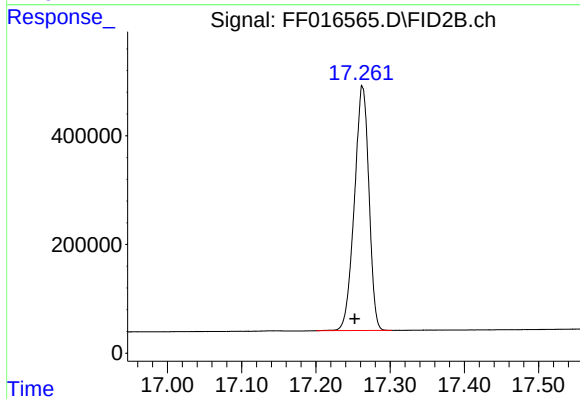
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: 0.009 min
Response: 6453459
Conc: 48.72 ug/ml



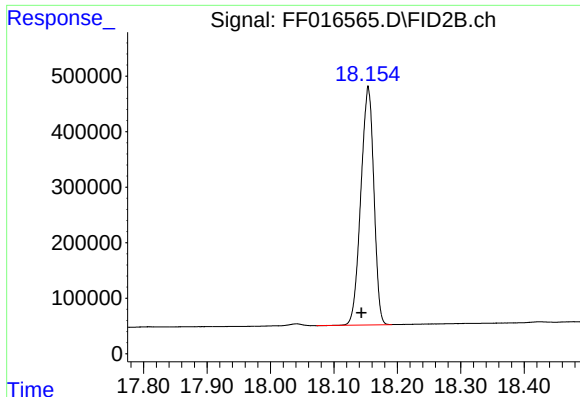
#11 N-HEXACOSANE

R.T.: 16.310 min
Delta R.T.: 0.010 min
Response: 6289529
Conc: 47.62 ug/ml



#12 N-OCTACOSANE

R.T.: 17.263 min
Delta R.T.: 0.010 min
Response: 6119070
Conc: 46.59 ug/ml



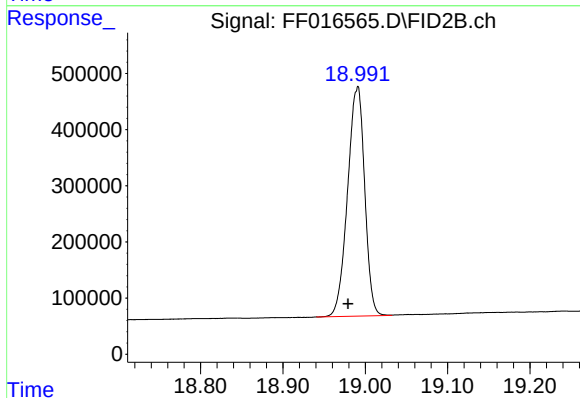
#13 N-TRIACONTANE

R.T.: 18.154 min
Delta R.T.: 0.011 min
Response: 6123314
Conc: 46.17 ug/ml

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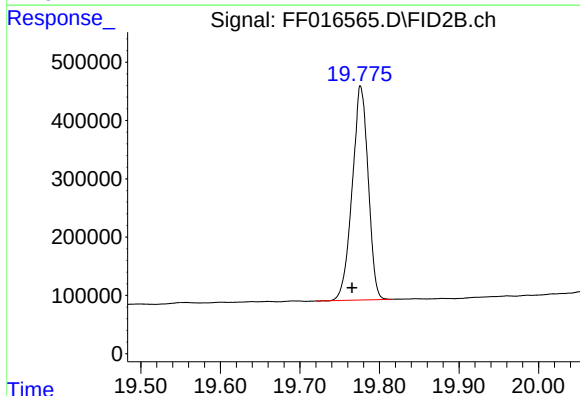
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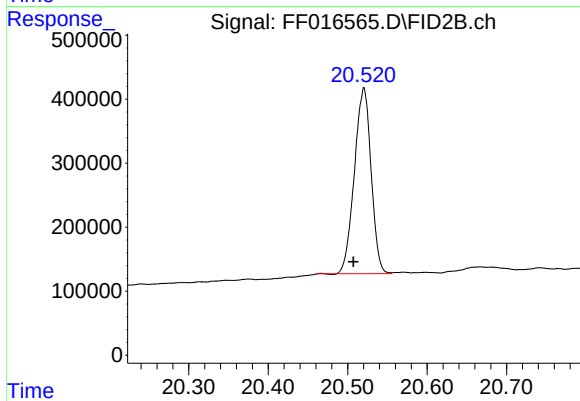
#14 N-DOTRIACONTANE

R.T.: 18.991 min
Delta R.T.: 0.011 min
Response: 5896731
Conc: 46.57 ug/ml



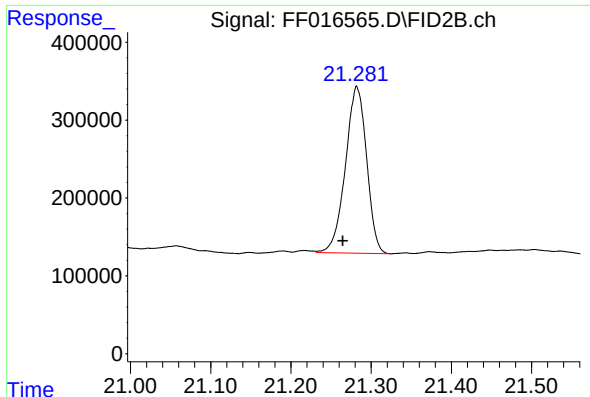
#15 N-TETRATRIACONTANE

R.T.: 19.776 min
Delta R.T.: 0.011 min
Response: 5115157
Conc: 48.89 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.520 min
Delta R.T.: 0.013 min
Response: 4246494
Conc: 51.61 ug/ml



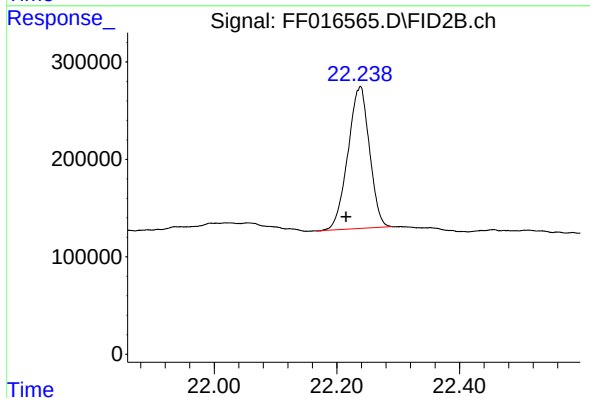
#17 N-OCTATRIACONTANE

R.T.: 21.282 min
Delta R.T.: 0.017 min
Response: 3923423
Conc: 57.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.238 min
Delta R.T.: 0.023 min
Response: 3545844
Conc: 59.59 ug/ml m