

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012125\
 Data File : FF015263.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2025 12:43
 Operator : YP\AJ
 Sample : Q1123-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 BU-03-1172025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :Ankita Jodhani 01/22/2025

Integration File: autoint1.e
 Quant Time: Jan 22 00:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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...	15.019	1619403	12.367 ug/mlm
Target Compounds			
1) N-OCTANE	2.038	1908656	14.338 ug/ml
2) N-DECANE	4.568	2351564	17.646 ug/ml
3) N-DODECANE	6.734	4343636	31.754 ug/mlm
4) N-TETRADECANE	8.564	8509531	65.170 ug/mlm
5) N-HEXADECANE	10.173	10416590	77.587 ug/mlm
6) N-OCTADECANE	11.617	9320486	63.496 ug/mlm
7) N-EICOSANE	12.925	7307476	49.983 ug/mlm
8) N-DOCOSANE	14.122	4600133	31.769 ug/mlm
10) N-TETRACOSANE	15.225	3145050	21.720 ug/ml
11) N-HEXACOSANE	16.246	2391841	16.975 ug/ml
12) N-OCTACOSANE	17.197	2456047	17.922 ug/ml
13) N-TRIACONTANE	18.084	2313708	17.395 ug/mlm
14) N-DOTRIACONTANE	18.920	2407989	18.955 ug/ml
15) N-TETRATRIACONTANE	19.706	2436307	21.986 ug/ml
16) N-HEXATRIACONTANE	20.447	2132924	23.595 ug/mlm
17) N-OCTATRIACONTANE	21.190	2099449	25.979 ug/ml
18) N-TETRACONTANE	22.112	2630720	34.681 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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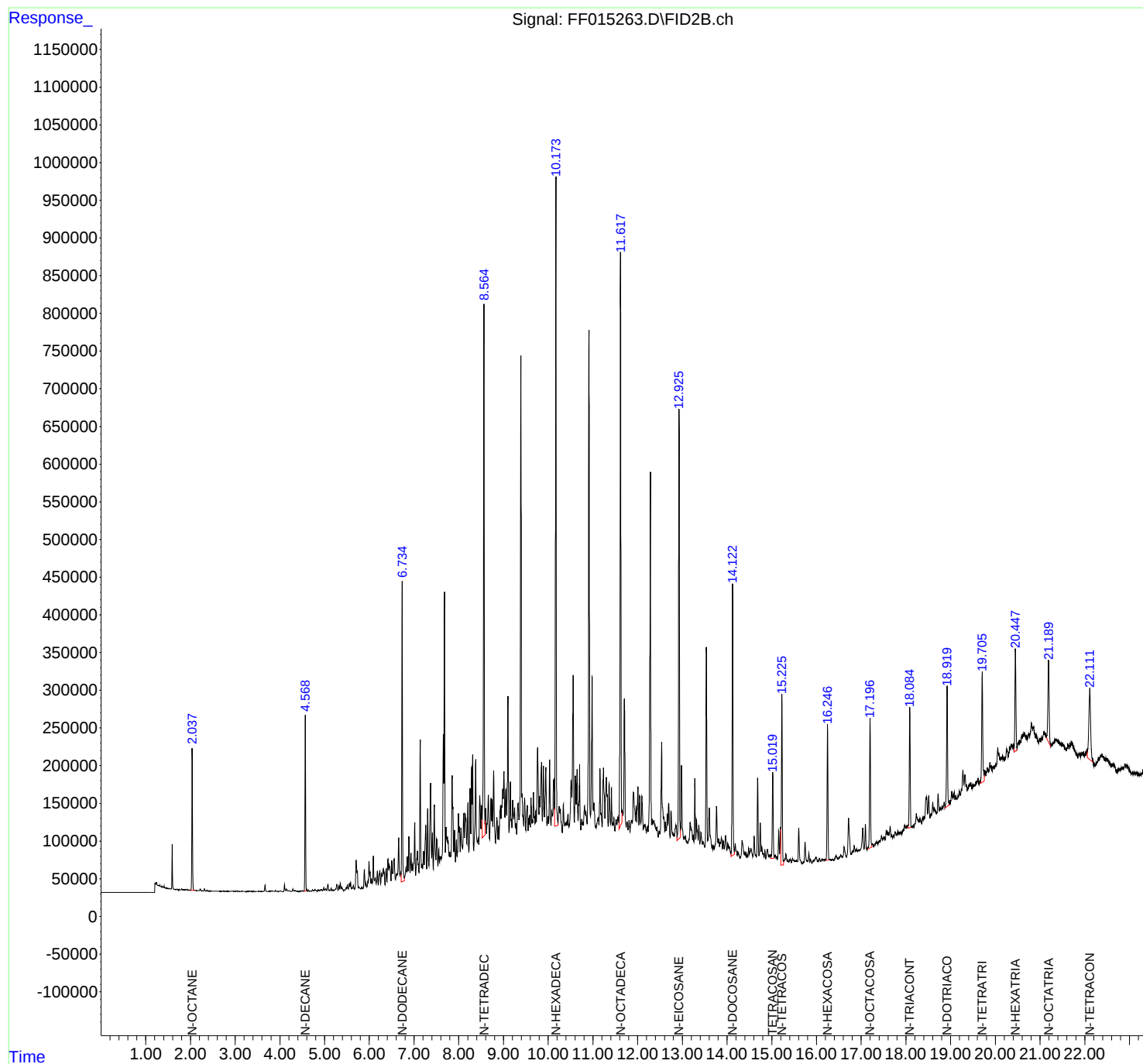
APPROVED

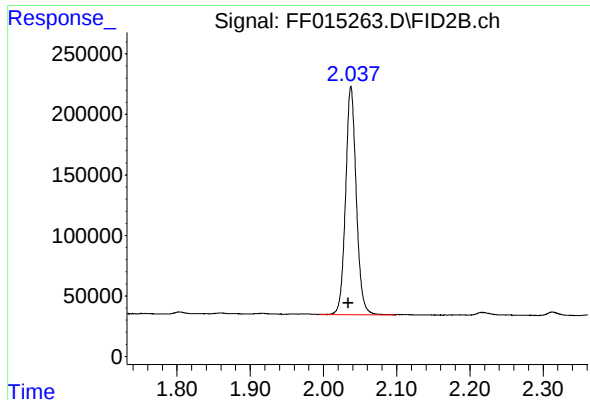
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





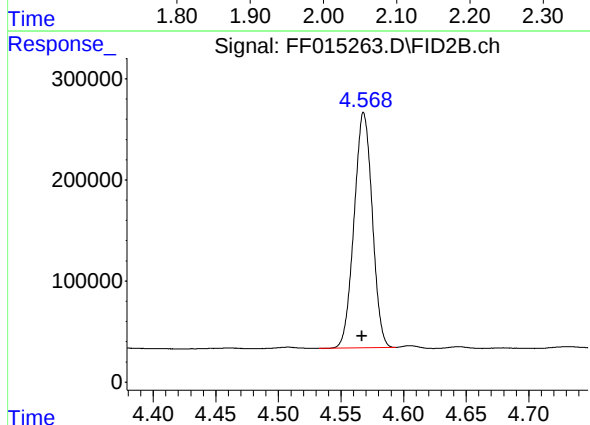
#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: 0.004 min
Response: 1908656
Conc: 14.34 ug/ml

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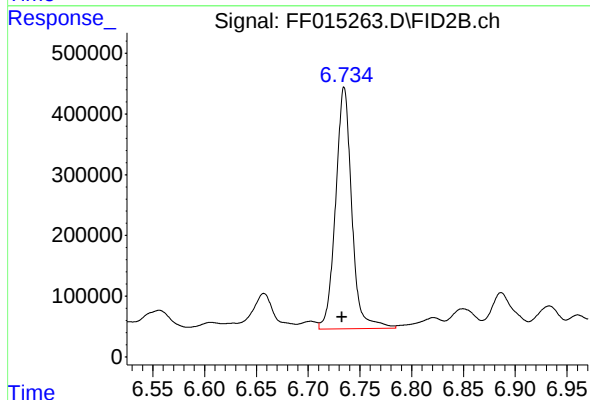
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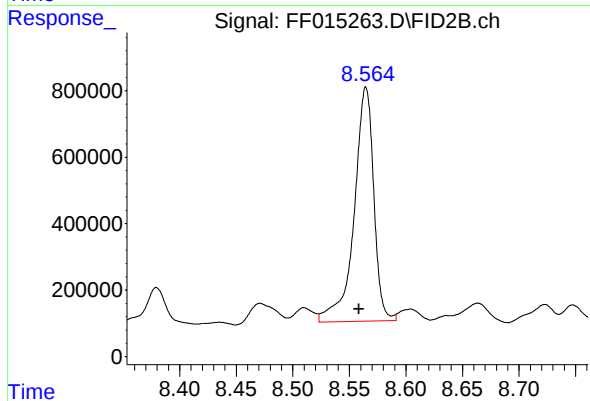
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 2351564
Conc: 17.65 ug/ml



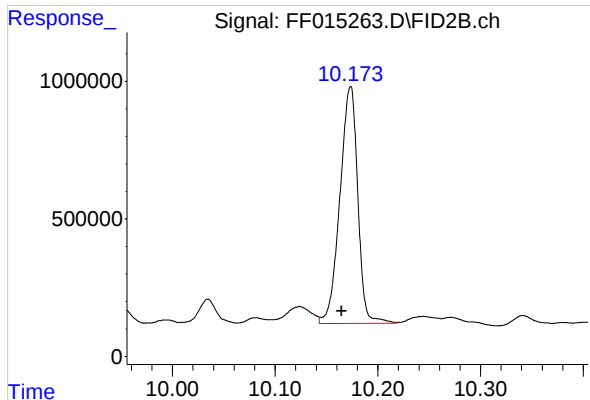
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 4343636
Conc: 31.75 ug/ml m



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: 0.006 min
Response: 8509531
Conc: 65.17 ug/ml m



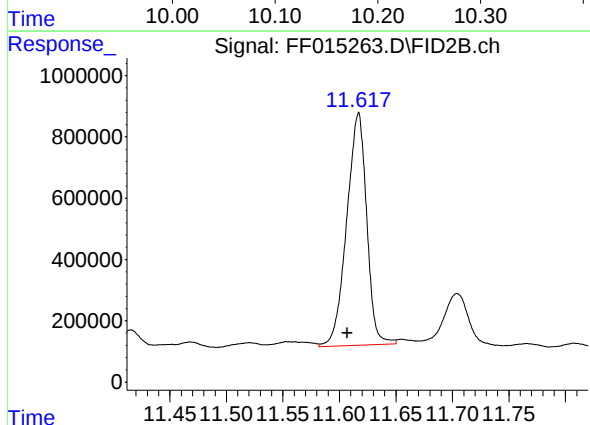
#5 N-HEXADECANE

R.T.: 10.173 min
Delta R.T.: 0.009 min
Response: 10416590
Conc: 77.59 ug/ml

Instrument :
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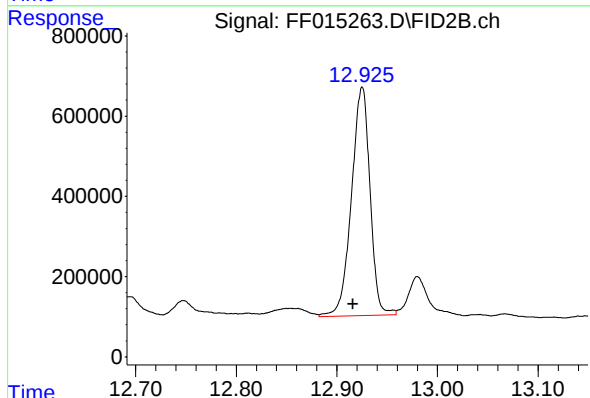
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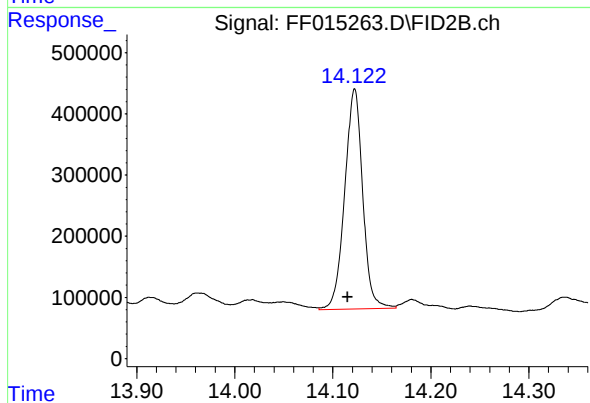
#6 N-OCTADECANE

R.T.: 11.617 min
Delta R.T.: 0.010 min
Response: 9320486
Conc: 63.50 ug/ml m



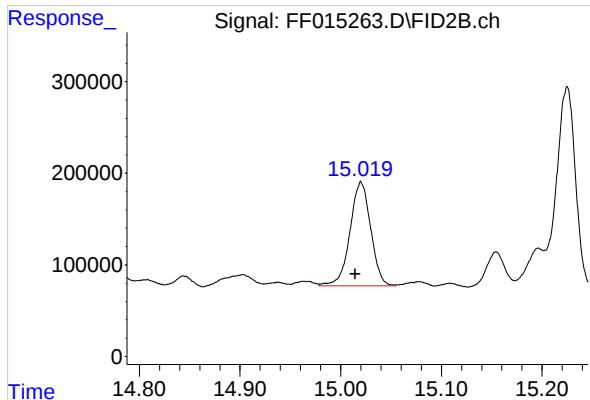
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: 0.009 min
Response: 7307476
Conc: 49.98 ug/ml m



#8 N-DOCOSANE

R.T.: 14.122 min
Delta R.T.: 0.007 min
Response: 4600133
Conc: 31.77 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.019 min
Delta R.T.: 0.005 min
Response: 1619403
Conc: 12.37 ug/ml

Instrument :

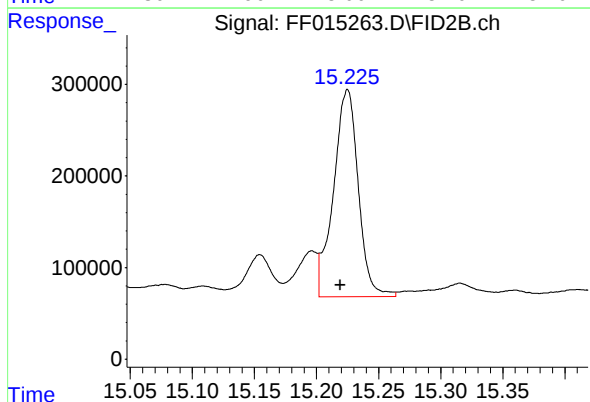
FID_F

ClientSampleId :

BU-03-1172025MS

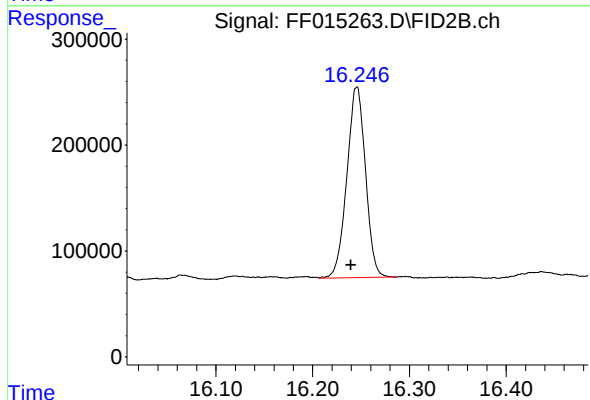
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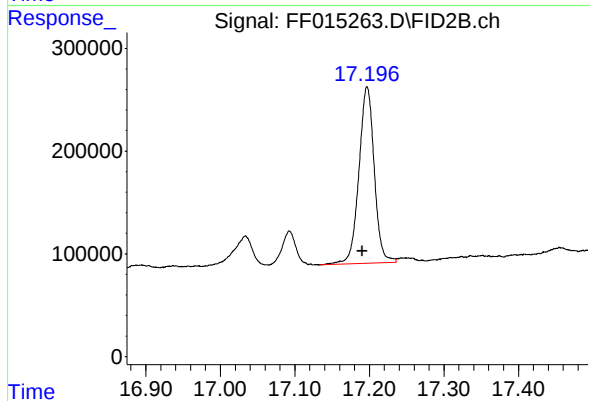
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: 0.006 min
Response: 3145050
Conc: 21.72 ug/ml



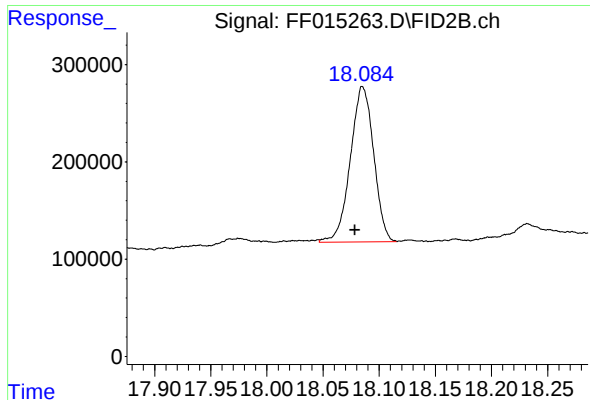
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: 0.006 min
Response: 2391841
Conc: 16.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.197 min
Delta R.T.: 0.006 min
Response: 2456047
Conc: 17.92 ug/ml



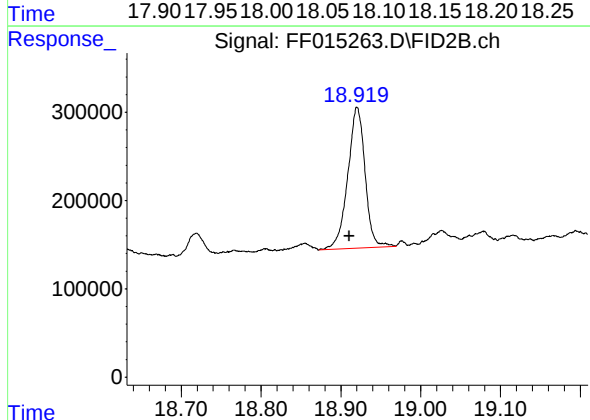
#13 N-TRIACONTANE

R.T.: 18.084 min
Delta R.T.: 0.005 min
Response: 2313708
Conc: 17.40 ug/ml

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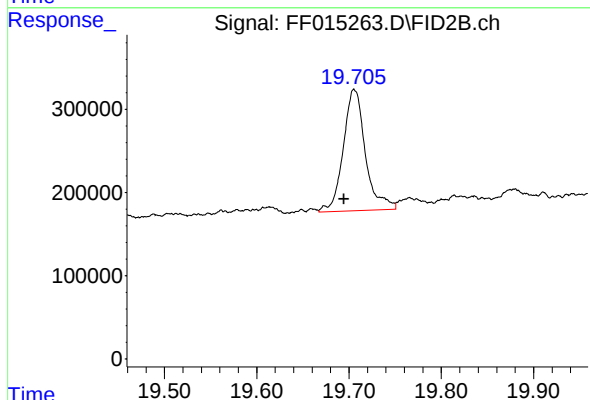
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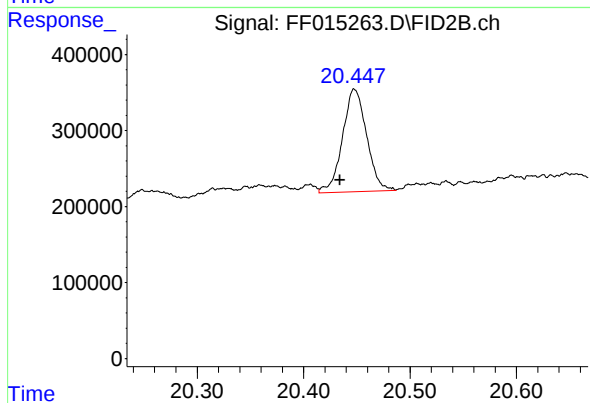
#14 N-DOTRIACONTANE

R.T.: 18.920 min
Delta R.T.: 0.010 min
Response: 2407989
Conc: 18.96 ug/ml



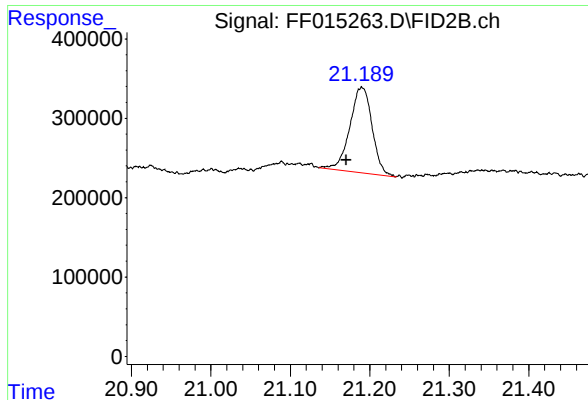
#15 N-TETRATRIACONTANE

R.T.: 19.706 min
Delta R.T.: 0.011 min
Response: 2436307
Conc: 21.99 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.447 min
Delta R.T.: 0.013 min
Response: 2132924
Conc: 23.60 ug/ml m



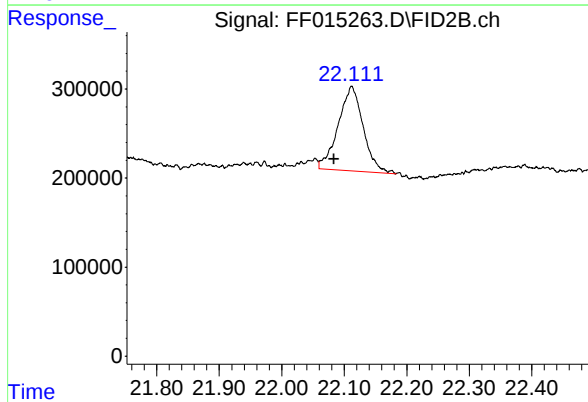
#17 N-OCTATRIACONTANE

R.T.: 21.190 min
Delta R.T.: 0.020 min
Response: 2099449
Conc: 25.98 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.112 min
Delta R.T.: 0.028 min
Response: 2630720
Conc: 34.68 ug/ml