

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012187.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 15:54
 Operator : YP\AJ
 Sample : 01627-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File: autoint1.e
 Quant Time: Feb 23 00:50:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF022123.M
 Quant Title :
 QLast Update : Tue Feb 21 16:12:39 2023
 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...	15.039	2073915	17.480 ug/ml
Target Compounds			
1) N-OCTANE	2.082	286006	2.147 ug/ml
2) N-DECANE	4.598	310130	2.313 ug/ml
3) N-DODECANE	6.760	286971	2.112 ug/ml
4) N-TETRADECANE	8.588	318091	2.285 ug/ml
5) N-HEXADECANE	10.193	327338	2.300 ug/ml
6) N-OCTADECANE	11.635	331512	2.332 ug/ml
7) N-EICOSANE	12.944	338423	2.399 ug/ml
8) N-DOCOSANE	14.139	328048	2.432 ug/ml
10) N-TETRACOSANE	15.242	321360	2.426 ug/ml
11) N-HEXACOSANE	16.263	313136	2.455 ug/ml
12) N-OCTACOSANE	17.212	306784	2.499 ug/ml
13) N-TRIACONTANE	18.099	308018	2.639 ug/ml
14) N-DOTRIACONTANE	18.932	406659	3.652 ug/mlm
15) N-TETRATRIACONTANE	19.713	264743	2.676 ug/mlm
16) N-HEXATRIACONTANE	20.452	243525	2.568 ug/mlm
17) N-OCTATRIACONTANE	21.192	201953	2.355 ug/mlm
18) N-TETRACONTANE	22.113	354161	3.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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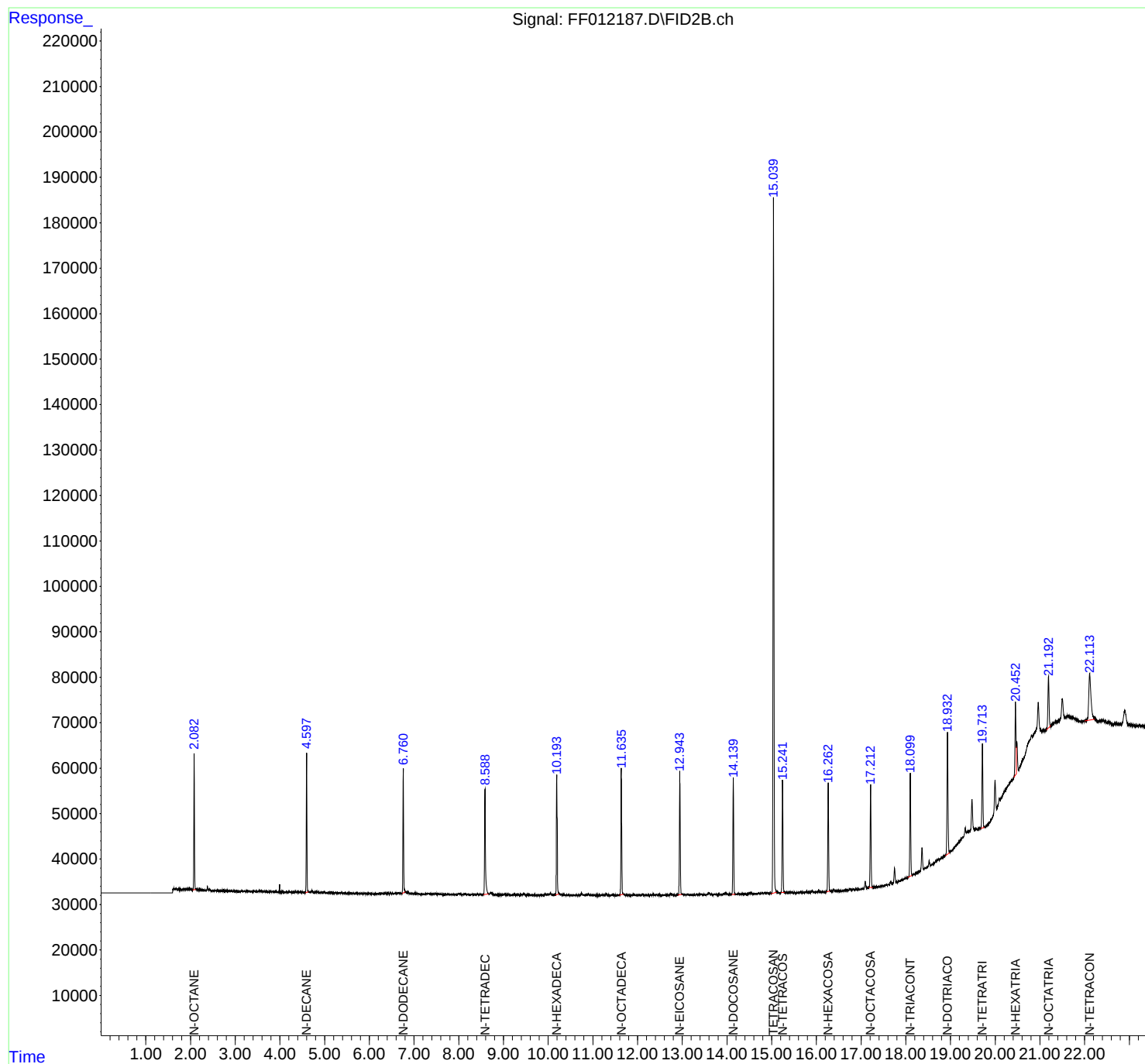
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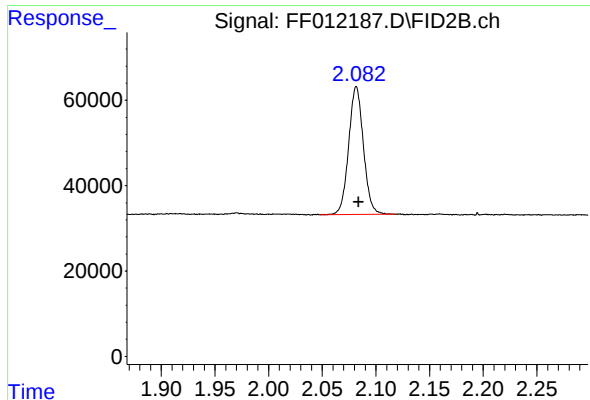
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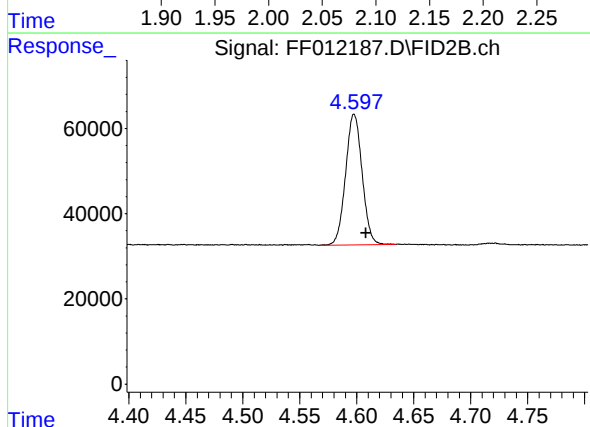
#1 N-OCTANE

R.T.: 2.082 min
Delta R.T.: -0.002 min
Response: 286006
Conc: 2.15 ug/ml

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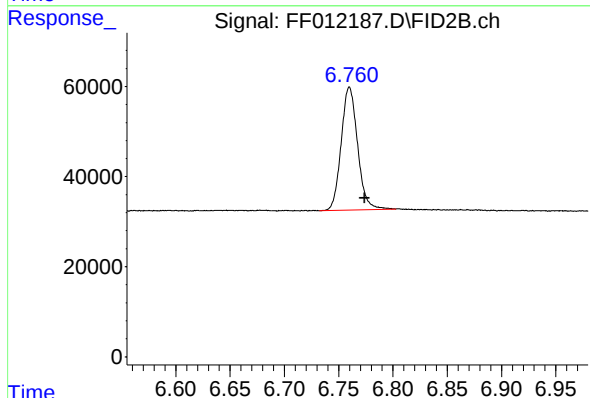
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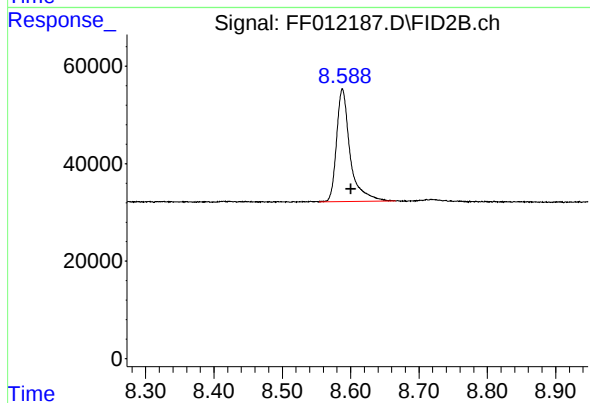
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.010 min
Response: 310130
Conc: 2.31 ug/ml



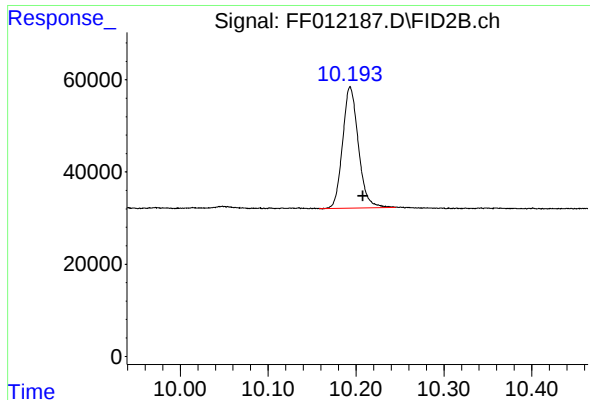
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: -0.014 min
Response: 286971
Conc: 2.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.588 min
Delta R.T.: -0.012 min
Response: 318091
Conc: 2.28 ug/ml



#5 N-HEXADECANE

R.T.: 10.193 min
Delta R.T.: -0.015 min
Response: 327338
Conc: 2.30 ug/ml

Instrument :

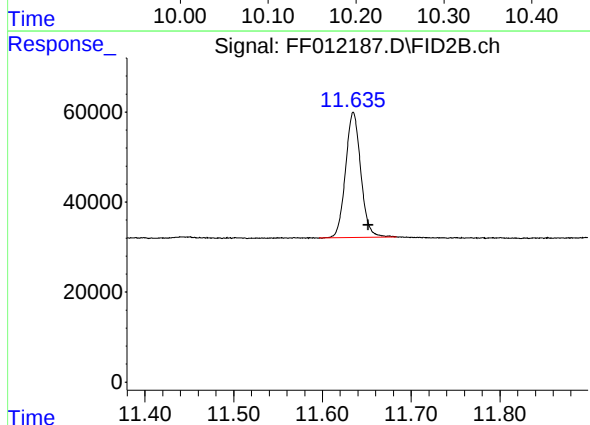
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ClientSampleId :

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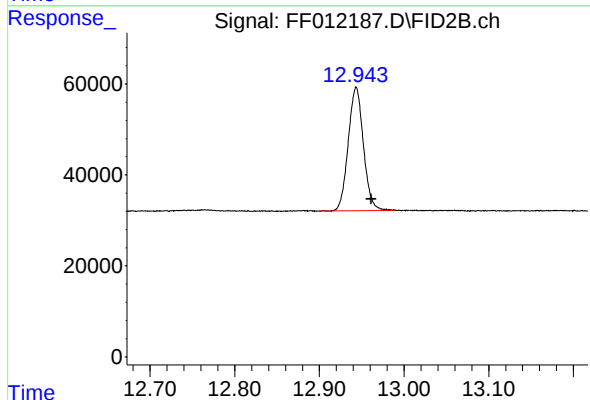
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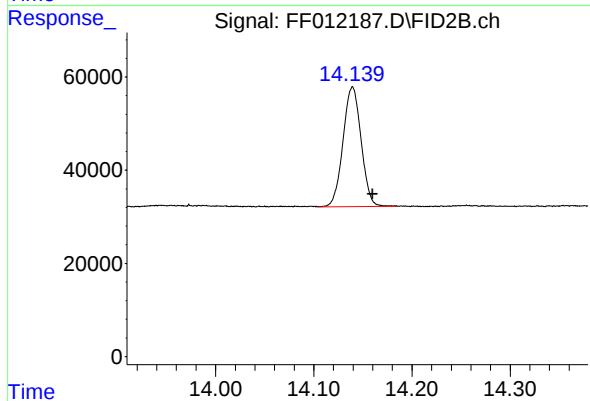
#6 N-OCTADECANE

R.T.: 11.635 min
Delta R.T.: -0.017 min
Response: 331512
Conc: 2.33 ug/ml



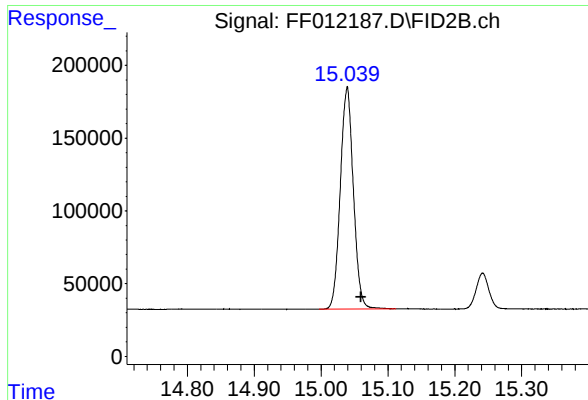
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.018 min
Response: 338423
Conc: 2.40 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: -0.020 min
Response: 328048
Conc: 2.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.039 min
Delta R.T.: -0.021 min
Response: 2073915
Conc: 17.48 ug/ml

Instrument :

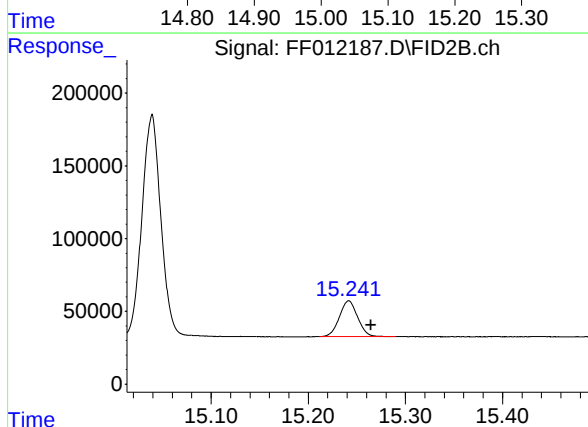
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ClientSampleId :

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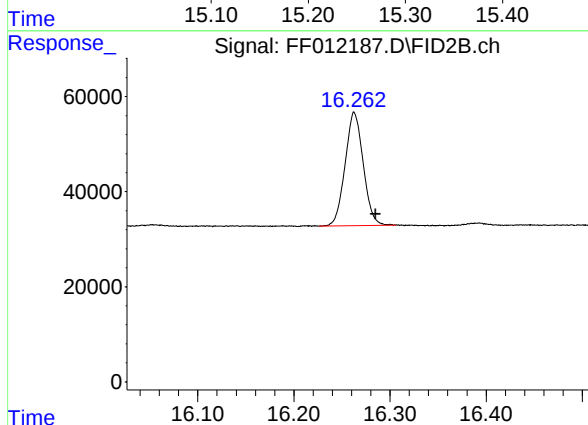
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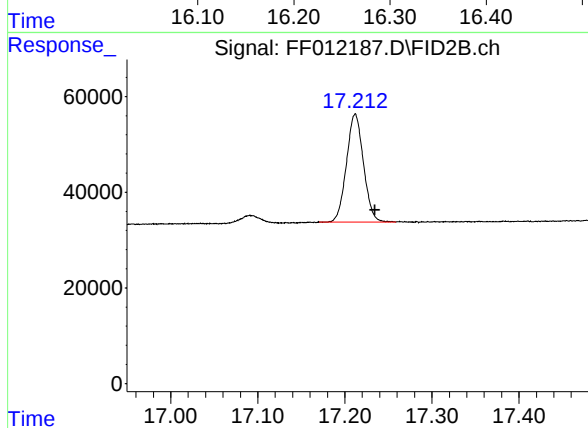
#10 N-TETRACOSANE

R.T.: 15.242 min
Delta R.T.: -0.023 min
Response: 321360
Conc: 2.43 ug/ml



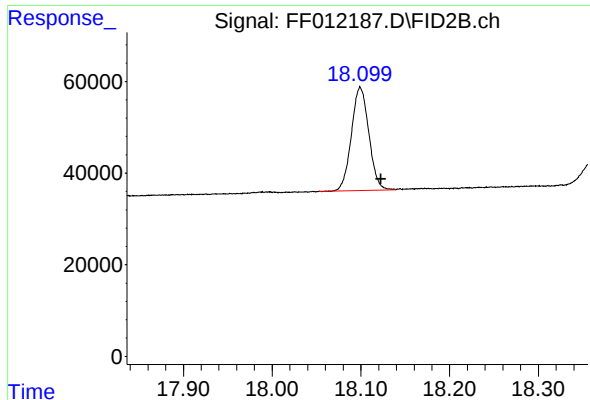
#11 N-HEXACOSANE

R.T.: 16.263 min
Delta R.T.: -0.022 min
Response: 313136
Conc: 2.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: -0.023 min
Response: 306784
Conc: 2.50 ug/ml



#13 N-TRIACONTANE

R.T.: 18.099 min
Delta R.T.: -0.023 min
Response: 308018
Conc: 2.64 ug/ml

Instrument :

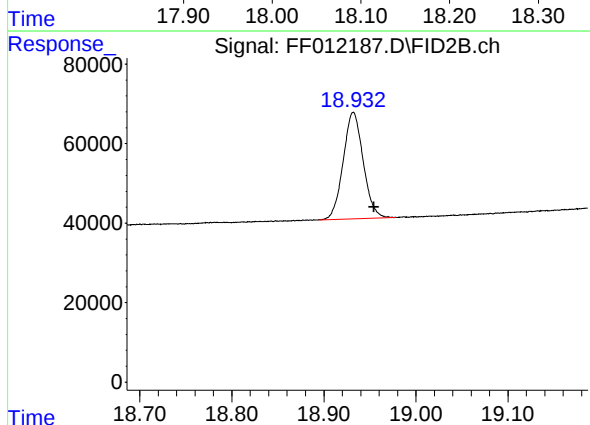
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ClientSampleId :

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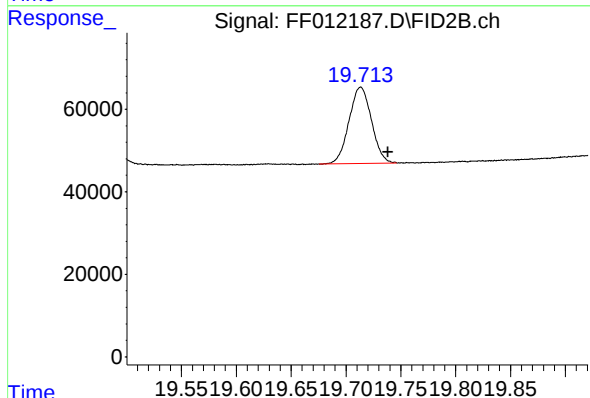
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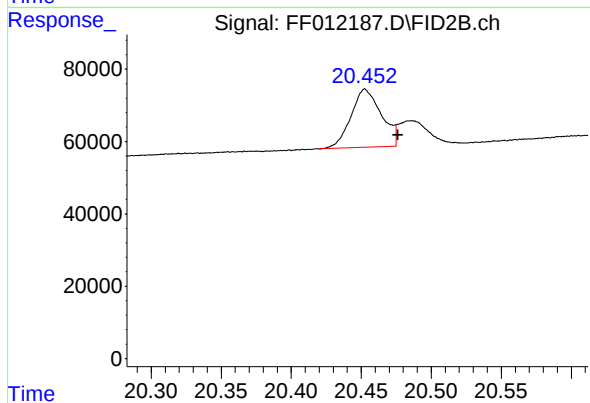
#14 N-DOTRIACONTANE

R.T.: 18.932 min
Delta R.T.: -0.023 min
Response: 406659
Conc: 3.65 ug/ml m



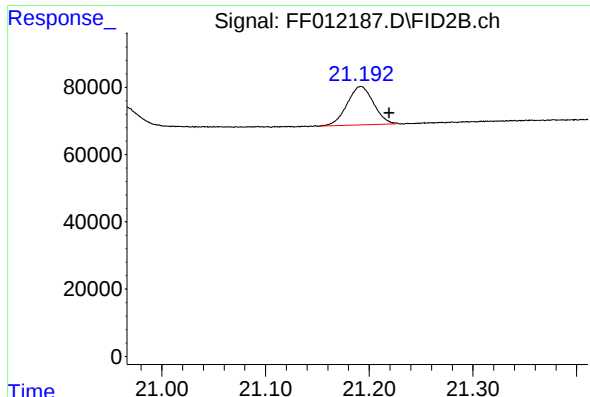
#15 N-TETRATRIACONTANE

R.T.: 19.713 min
Delta R.T.: -0.025 min
Response: 264743
Conc: 2.68 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.452 min
Delta R.T.: -0.024 min
Response: 243525
Conc: 2.57 ug/ml m



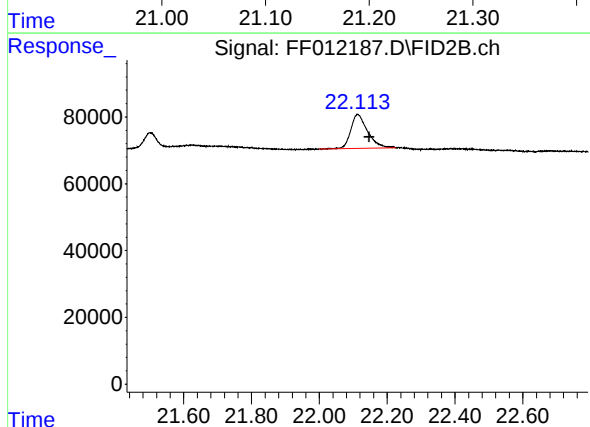
#17 N-OCTATRIACONTANE

R.T.: 21.192 min
Delta R.T.: -0.027 min
Response: 201953
Conc: 2.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.113 min
Delta R.T.: -0.034 min
Response: 354161
Conc: 3.89 ug/ml