

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012188.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 16:23
 Operator : YP\AJ
 Sample : 01627-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-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 00:50:40 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	2353231	19.835 ug/ml
Target Compounds			
1) N-OCTANE	2.085	660054	4.956 ug/ml
2) N-DECANE	4.598	725859	5.413 ug/ml
3) N-DODECANE	6.760	720358	5.302 ug/ml
4) N-TETRADECANE	8.585	759340	5.455 ug/ml
5) N-HEXADECANE	10.191	776401	5.454 ug/ml
6) N-OCTADECANE	11.633	780014	5.487 ug/ml
7) N-EICOSANE	12.943	785015	5.564 ug/ml
8) N-DOCOSANE	14.140	751862	5.574 ug/ml
10) N-TETRACOSANE	15.242	737037	5.563 ug/ml
11) N-HEXACOSANE	16.263	710288	5.568 ug/ml
12) N-OCTACOSANE	17.212	698958	5.695 ug/ml
13) N-TRIACONTANE	18.099	706445	6.051 ug/ml
14) N-DOTRIACONTANE	18.932	775739	6.967 ug/mlm
15) N-TETRATRIACONTANE	19.714	603475	6.099 ug/mlm
16) N-HEXATRIACONTANE	20.454	640266	6.751 ug/ml
17) N-OCTATRIACONTANE	21.191	464984	5.423 ug/mlm
18) N-TETRACONTANE	22.109	629104	6.909 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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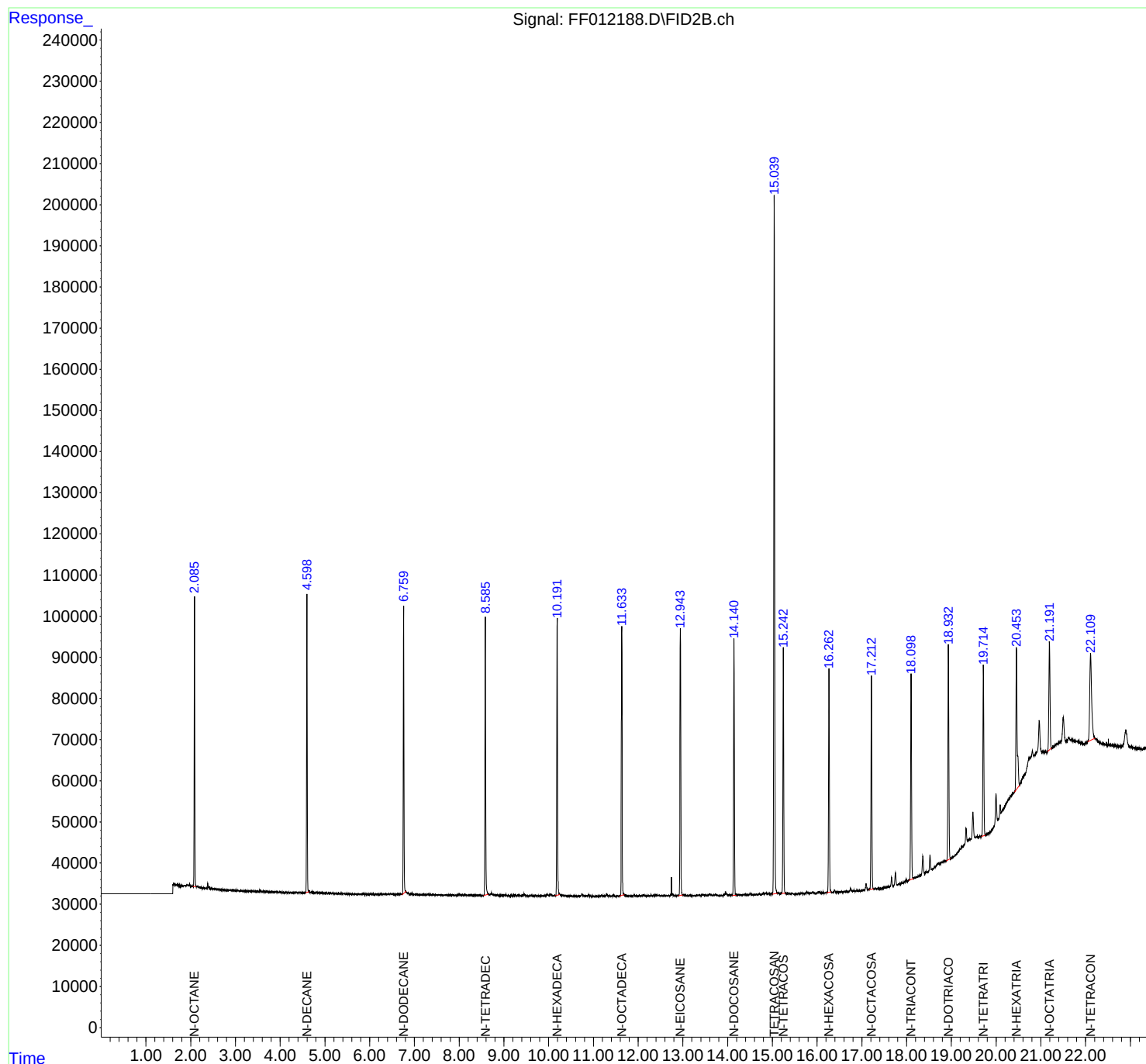
Instrument :
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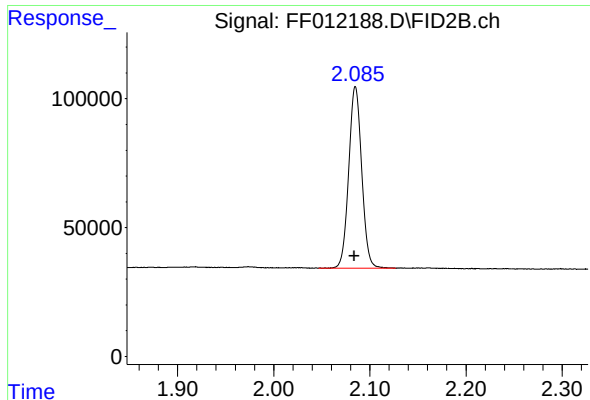
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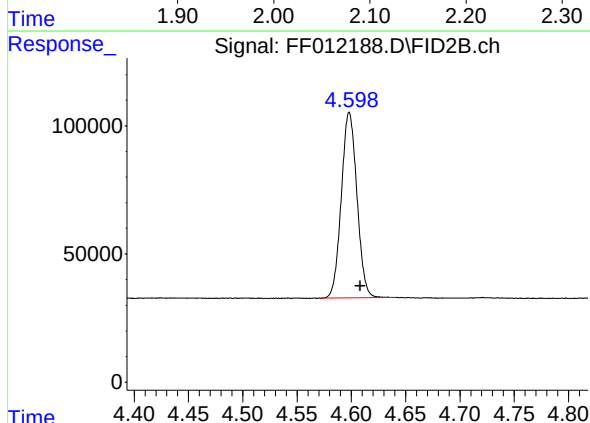
#1 N-OCTANE

R.T.: 2.085 min
Delta R.T.: 0.001 min
Response: 660054
Conc: 4.96 ug/ml

Instrument :
FID_F
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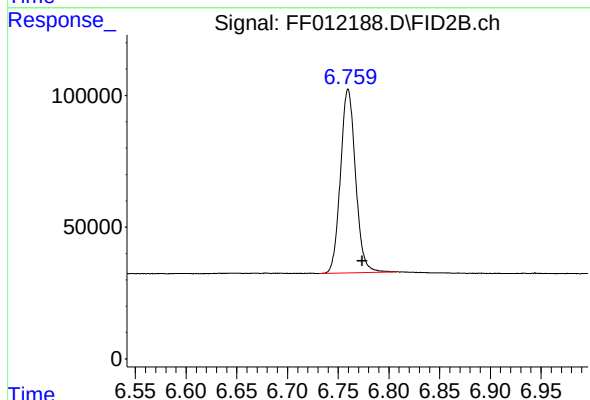
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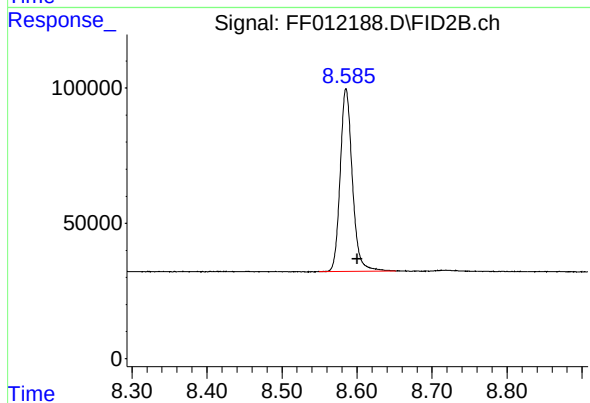
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.010 min
Response: 725859
Conc: 5.41 ug/ml



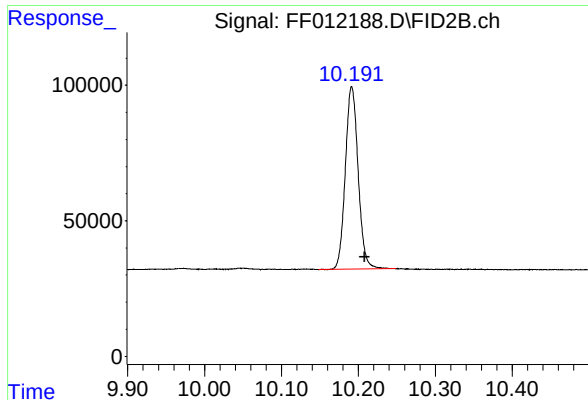
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: -0.014 min
Response: 720358
Conc: 5.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.585 min
Delta R.T.: -0.015 min
Response: 759340
Conc: 5.45 ug/ml



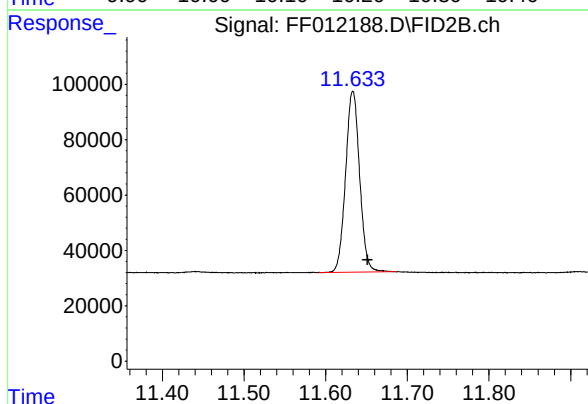
#5 N-HEXADECANE

R.T.: 10.191 min
Delta R.T.: -0.017 min
Response: 776401
Conc: 5.45 ug/ml

Instrument : FID_F
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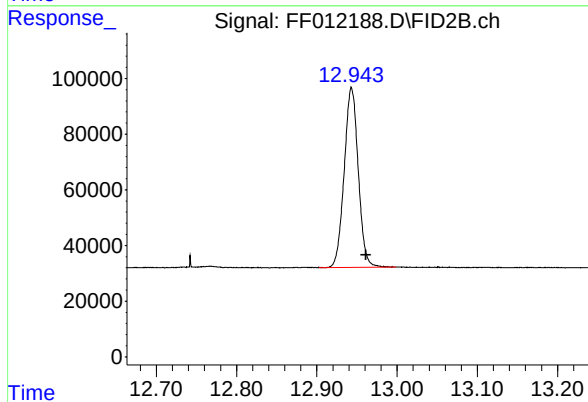
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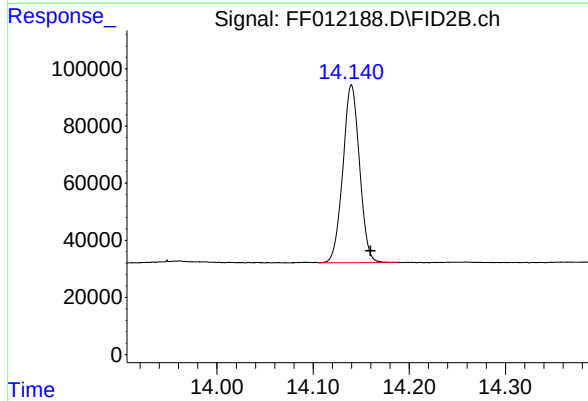
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.018 min
Response: 780014
Conc: 5.49 ug/ml



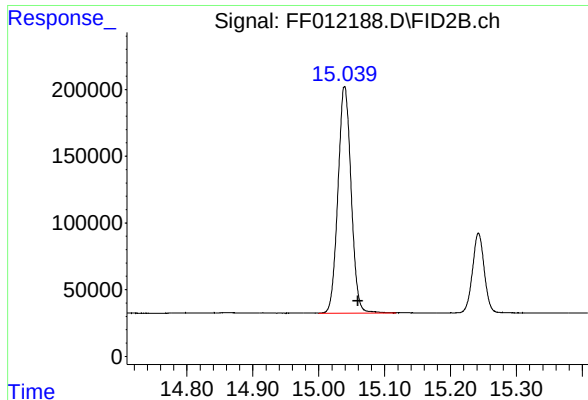
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.018 min
Response: 785015
Conc: 5.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: -0.020 min
Response: 751862
Conc: 5.57 ug/ml



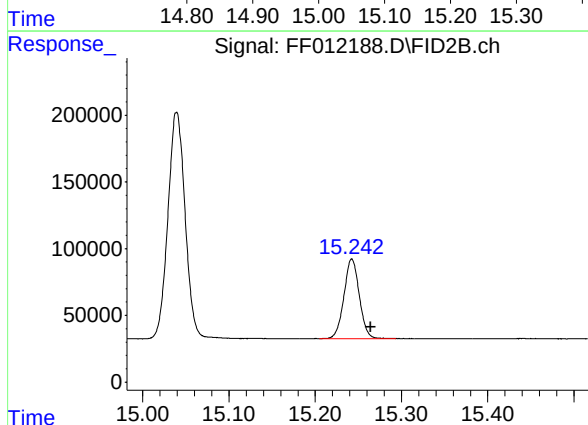
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.039 min
Delta R.T.: -0.021 min
Response: 2353231
Conc: 19.83 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-WATER-05-QT1-2023

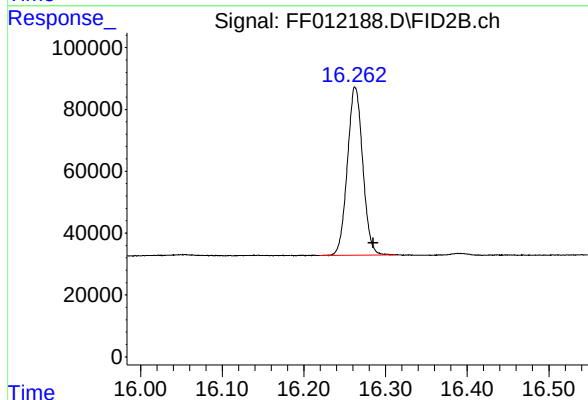
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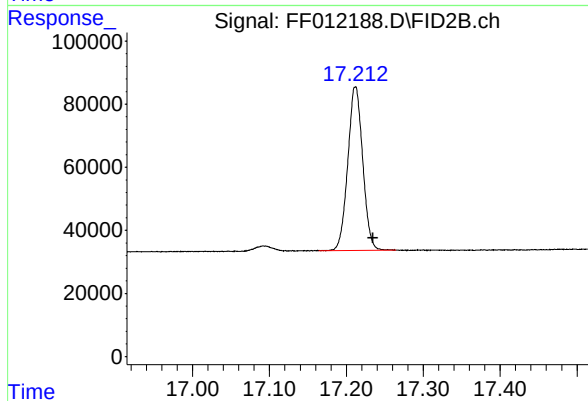
#10 N-TETRACOSANE

R.T.: 15.242 min
Delta R.T.: -0.022 min
Response: 737037
Conc: 5.56 ug/ml



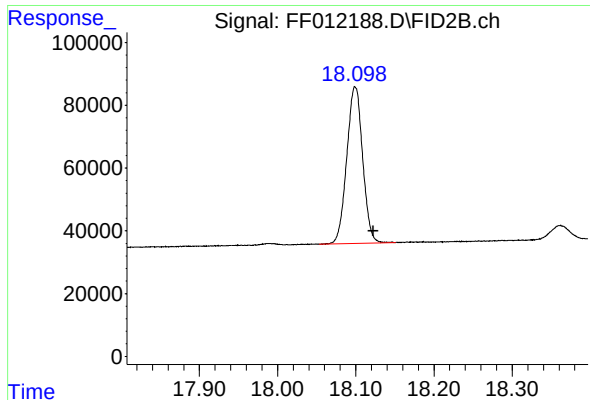
#11 N-HEXACOSANE

R.T.: 16.263 min
Delta R.T.: -0.022 min
Response: 710288
Conc: 5.57 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: -0.023 min
Response: 698958
Conc: 5.69 ug/ml



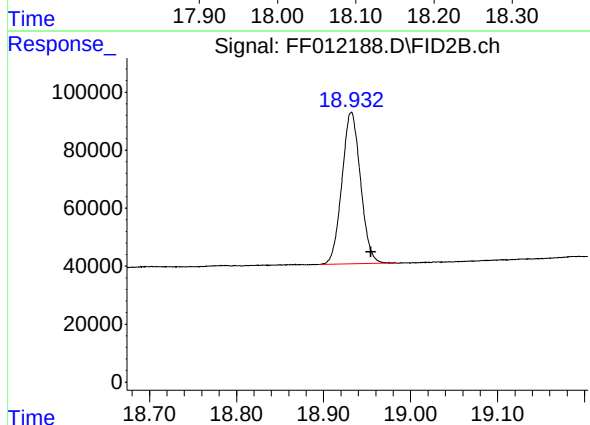
#13 N-TRIACONTANE

R.T.: 18.099 min
Delta R.T.: -0.023 min
Response: 706445
Conc: 6.05 ug/ml

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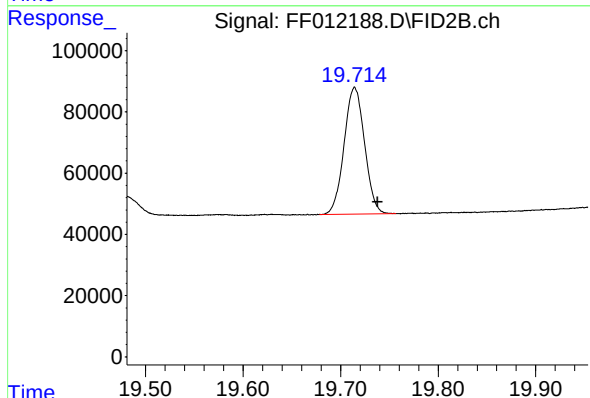
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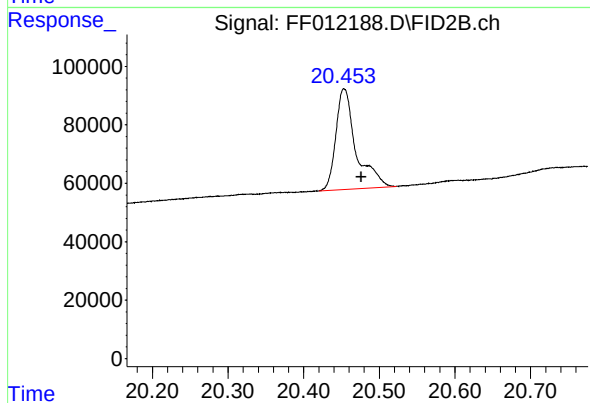
#14 N-DOTRIACONTANE

R.T.: 18.932 min
Delta R.T.: -0.023 min
Response: 775739
Conc: 6.97 ug/ml m



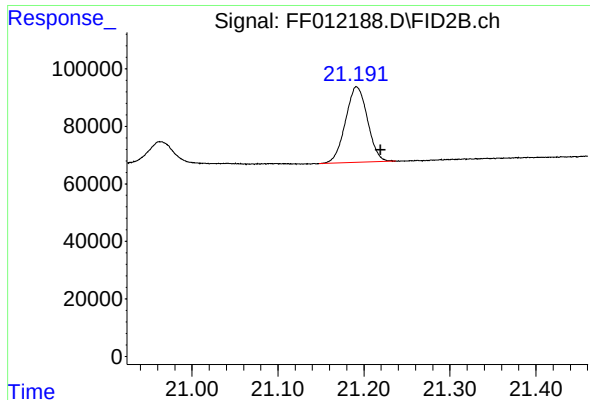
#15 N-TETRATRIACONTANE

R.T.: 19.714 min
Delta R.T.: -0.024 min
Response: 603475
Conc: 6.10 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.454 min
Delta R.T.: -0.023 min
Response: 640266
Conc: 6.75 ug/ml



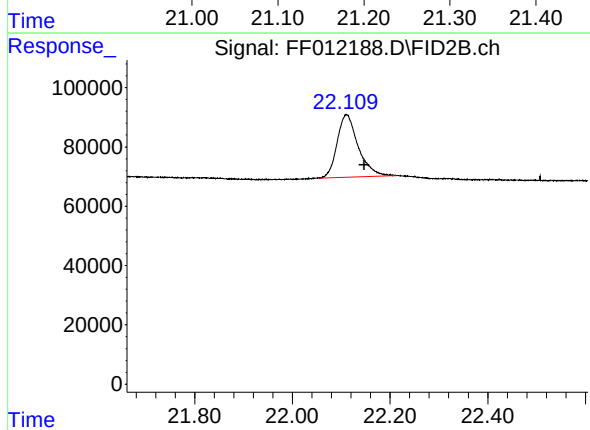
#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: -0.029 min
Response: 464984
Conc: 5.42 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.109 min
Delta R.T.: -0.038 min
Response: 629104
Conc: 6.91 ug/ml m