

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051023\
 Data File : FF012590.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2023 10:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File: autoint1.e
 Quant Time: May 11 01:51:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
 Quant Title :
 QLast Update : Fri May 05 16:23:08 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...	14.998	5189260	42.987 ug/mlm
Target Compounds			
1) N-OCTANE	2.052	5165240	39.694 ug/ml
2) N-DECANE	4.564	5856600	43.873 ug/ml
3) N-DODECANE	6.727	5933715	45.406 ug/ml
4) N-TETRADECANE	8.551	5972820	46.344 ug/ml
5) N-HEXADECANE	10.156	6172078	45.795 ug/ml
6) N-OCTADECANE	11.596	6233227	45.000 ug/ml
7) N-EICOSANE	12.904	6181496	44.654 ug/ml
8) N-DOCOSANE	14.100	5934014	44.296 ug/ml
10) N-TETRACOSANE	15.201	5867801	43.974 ug/ml
11) N-HEXACOSANE	16.220	5696885	43.945 ug/ml
12) N-OCTACOSANE	17.168	5580965	44.039 ug/ml
13) N-TRIACONTANE	18.054	5561744	44.469 ug/ml
14) N-DOTRIACONTANE	18.886	5334988	44.659 ug/ml
15) N-TETRATRIACONTANE	19.667	4914306	44.674 ug/ml
16) N-HEXATRIACONTANE	20.405	4543186	43.661 ug/ml
17) N-OCTATRIACONTANE	21.135	4512939	44.877 ug/ml
18) N-TETRACONTANE	22.033	4644341	44.834 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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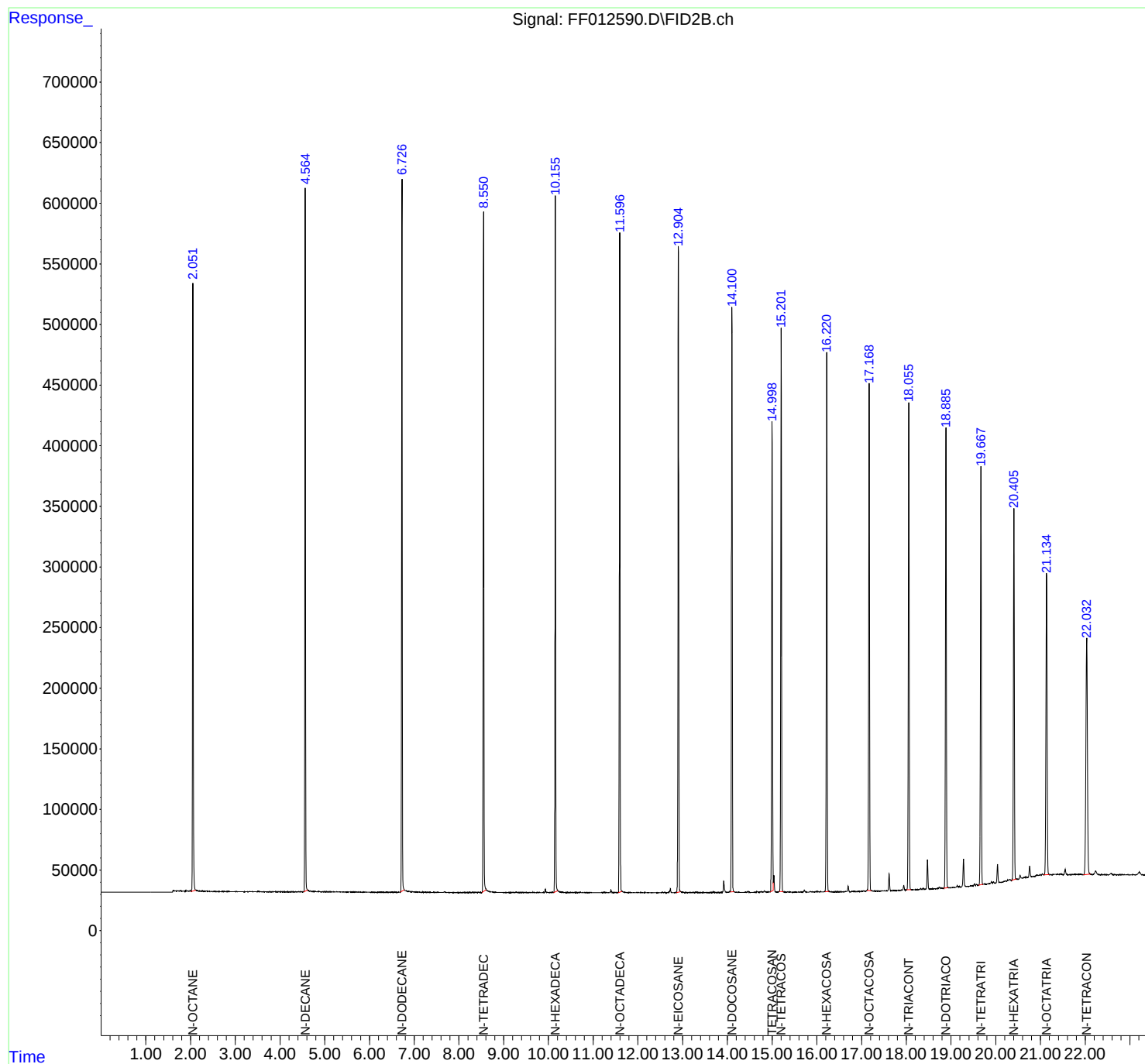
Instrument :
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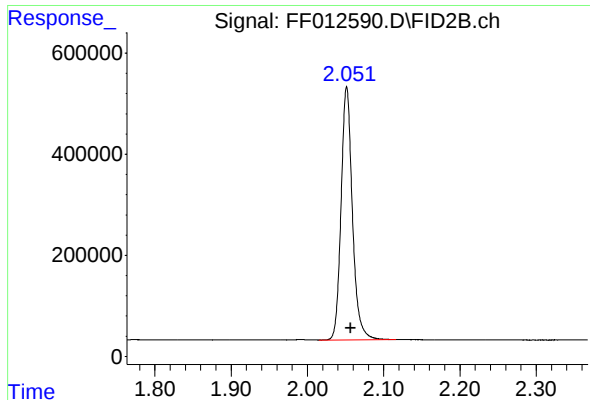
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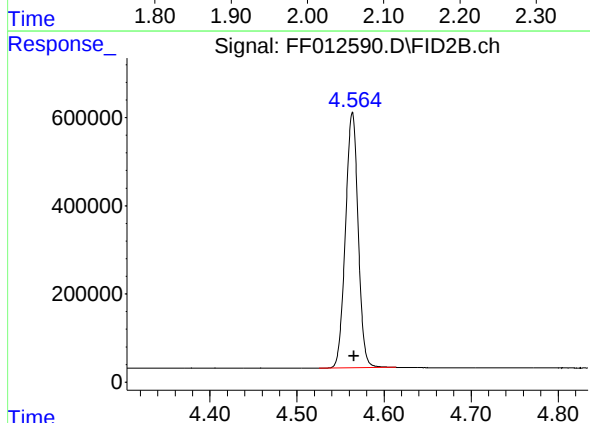
#1 N-OCTANE

R.T.: 2.052 min
Delta R.T.: -0.005 min
Response: 5165240
Conc: 39.69 ug/ml

Instrument :
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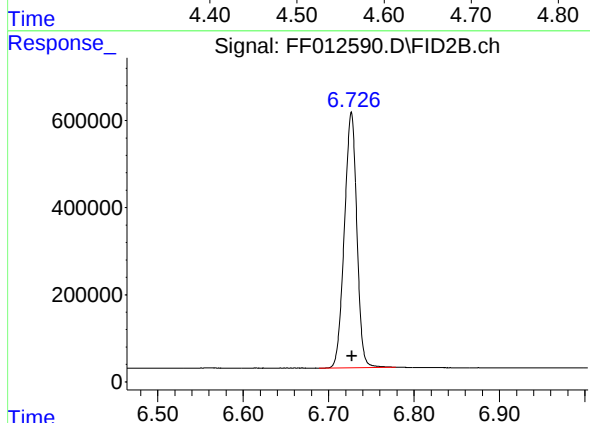
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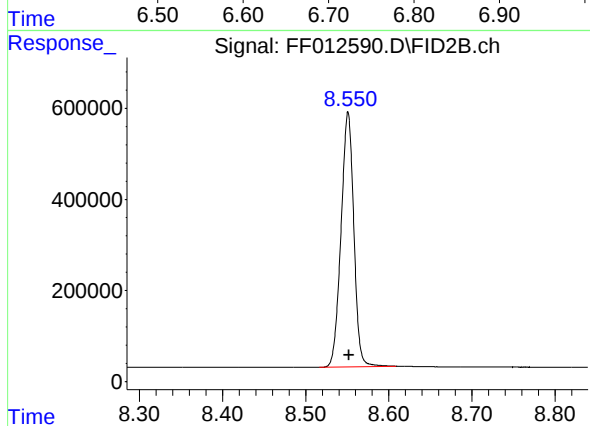
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 5856600
Conc: 43.87 ug/ml



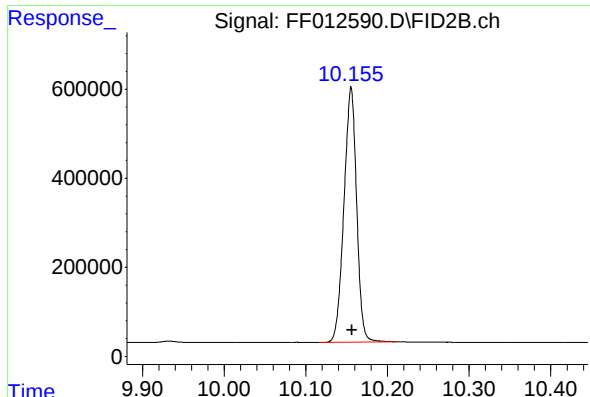
#3 N-DODECANE

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 5933715
Conc: 45.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 5972820
Conc: 46.34 ug/ml



#5 N-HEXADECANE

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 6172078
Conc: 45.79 ug/ml

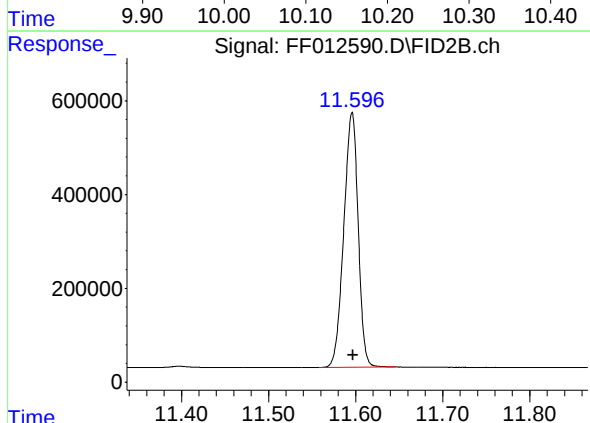
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

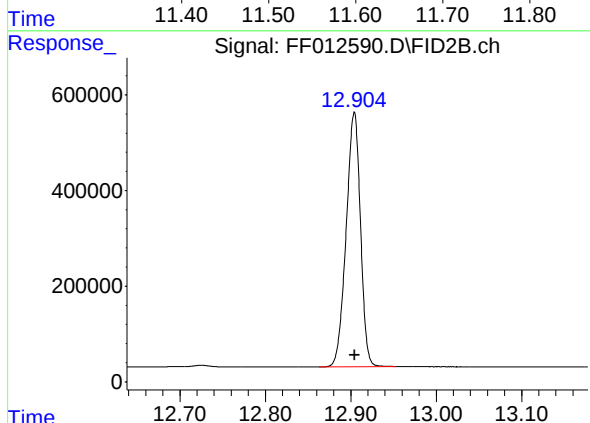
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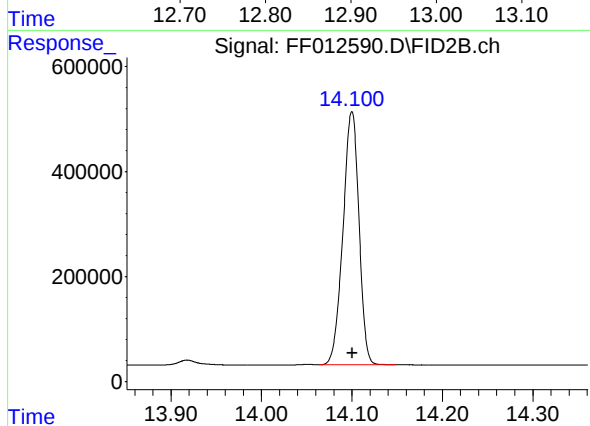
#6 N-OCTADECANE

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 6233227
Conc: 45.00 ug/ml



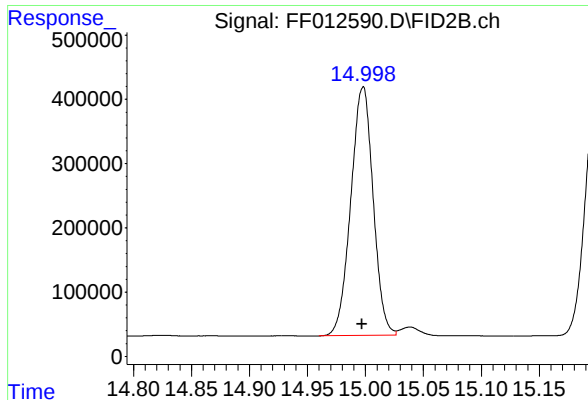
#7 N-EICOSANE

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 6181496
Conc: 44.65 ug/ml



#8 N-DOCOSANE

R.T.: 14.100 min
Delta R.T.: 0.000 min
Response: 5934014
Conc: 44.30 ug/ml



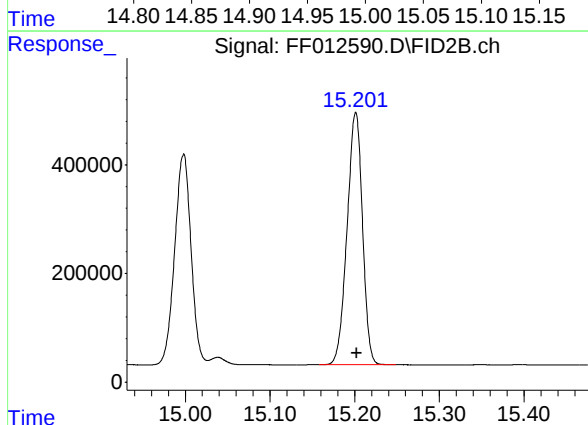
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.998 min
Delta R.T.: 0.001 min
Response: 5189260
Conc: 42.99 ug/ml

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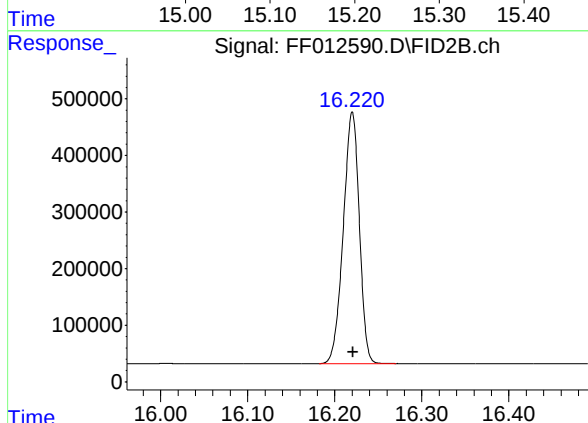
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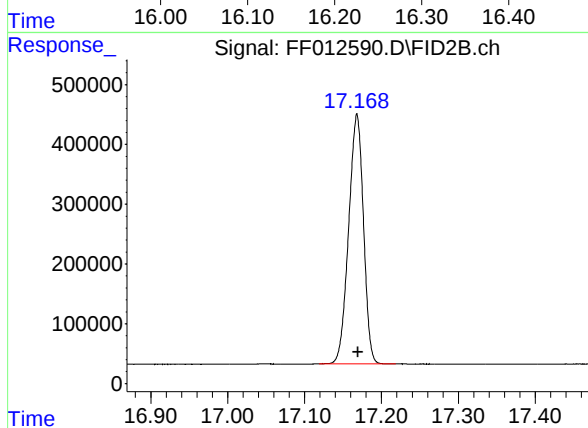
#10 N-TETRACOSANE

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 5867801
Conc: 43.97 ug/ml



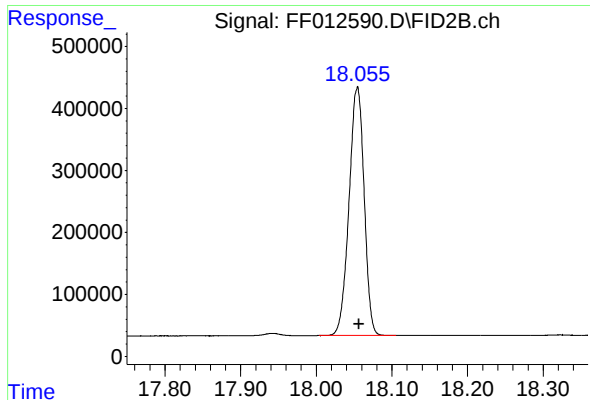
#11 N-HEXACOSANE

R.T.: 16.220 min
Delta R.T.: 0.000 min
Response: 5696885
Conc: 43.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.168 min
Delta R.T.: -0.002 min
Response: 5580965
Conc: 44.04 ug/ml



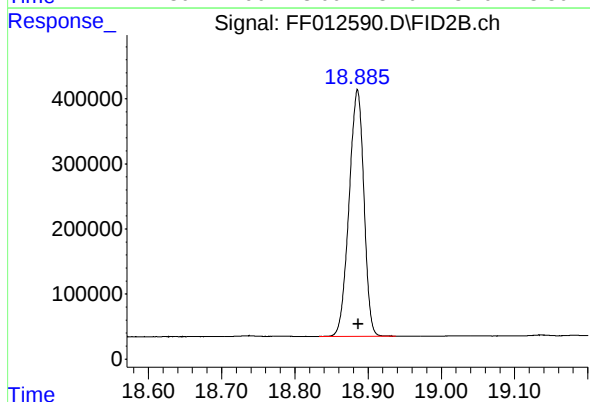
#13 N-TRIACONTANE

R.T.: 18.054 min
Delta R.T.: -0.002 min
Response: 5561744
Conc: 44.47 ug/ml

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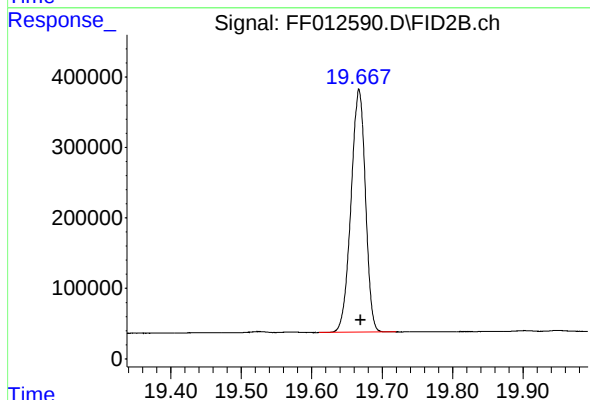
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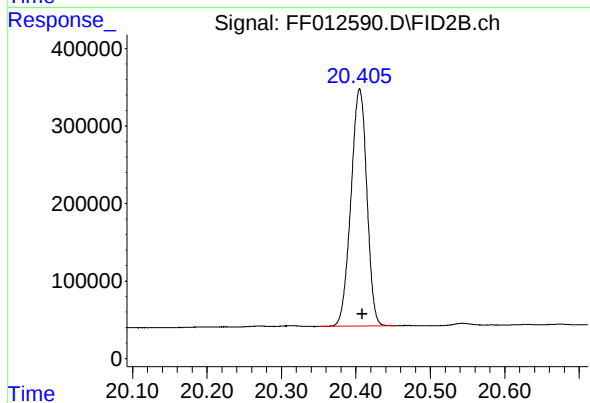
#14 N-DOTRIACONTANE

R.T.: 18.886 min
Delta R.T.: -0.001 min
Response: 5334988
Conc: 44.66 ug/ml



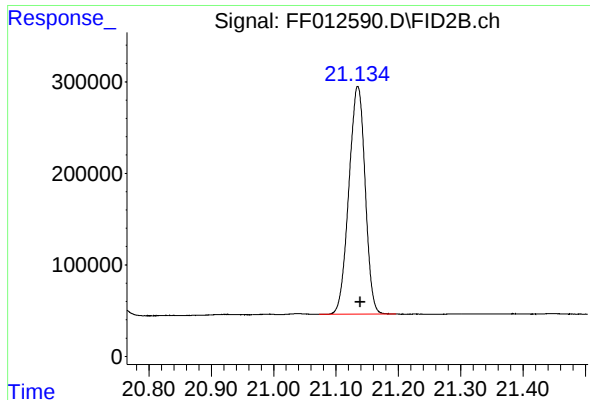
#15 N-TETRATRIACONTANE

R.T.: 19.667 min
Delta R.T.: -0.002 min
Response: 4914306
Conc: 44.67 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.405 min
Delta R.T.: -0.003 min
Response: 4543186
Conc: 43.66 ug/ml



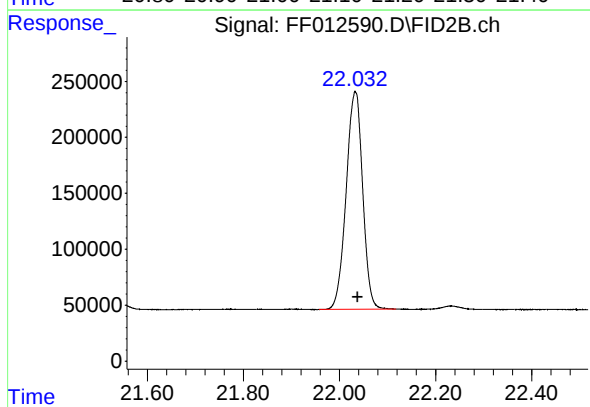
#17 N-OCTATRIACONTANE

R.T.: 21.135 min
Delta R.T.: -0.004 min
Response: 4512939
Conc: 44.88 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.033 min
Delta R.T.: -0.005 min
Response: 4644341
Conc: 44.83 ug/ml