

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051023\
 Data File : FF012599.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2023 17:11
 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 02:15:29 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...	15.007	5070138	42.000 ug/mlm
Target Compounds			
1) N-OCTANE	2.051	5085455	39.080 ug/ml
2) N-DECANE	4.569	5793499	43.400 ug/ml
3) N-DODECANE	6.732	5854571	44.801 ug/ml
4) N-TETRADECANE	8.558	5874815	45.584 ug/ml
5) N-HEXADECANE	10.163	6062575	44.982 ug/ml
6) N-OCTADECANE	11.604	6127101	44.234 ug/ml
7) N-EICOSANE	12.913	6064098	43.806 ug/ml
8) N-DOCOSANE	14.110	5790867	43.227 ug/ml
10) N-TETRACOSANE	15.212	5727240	42.921 ug/ml
11) N-HEXACOSANE	16.232	5561017	42.897 ug/ml
12) N-OCTACOSANE	17.181	5469104	43.157 ug/ml
13) N-TRIACONTANE	18.067	5485649	43.861 ug/ml
14) N-DOTRIACONTANE	18.899	5318810	44.524 ug/ml
15) N-TETRATRIACONTANE	19.682	5002905	45.480 ug/ml
16) N-HEXATRIACONTANE	20.420	4777741	45.916 ug/mlm
17) N-OCTATRIACONTANE	21.152	4941318	49.136 ug/ml
18) N-TETRACONTANE	22.058	4891820	47.223 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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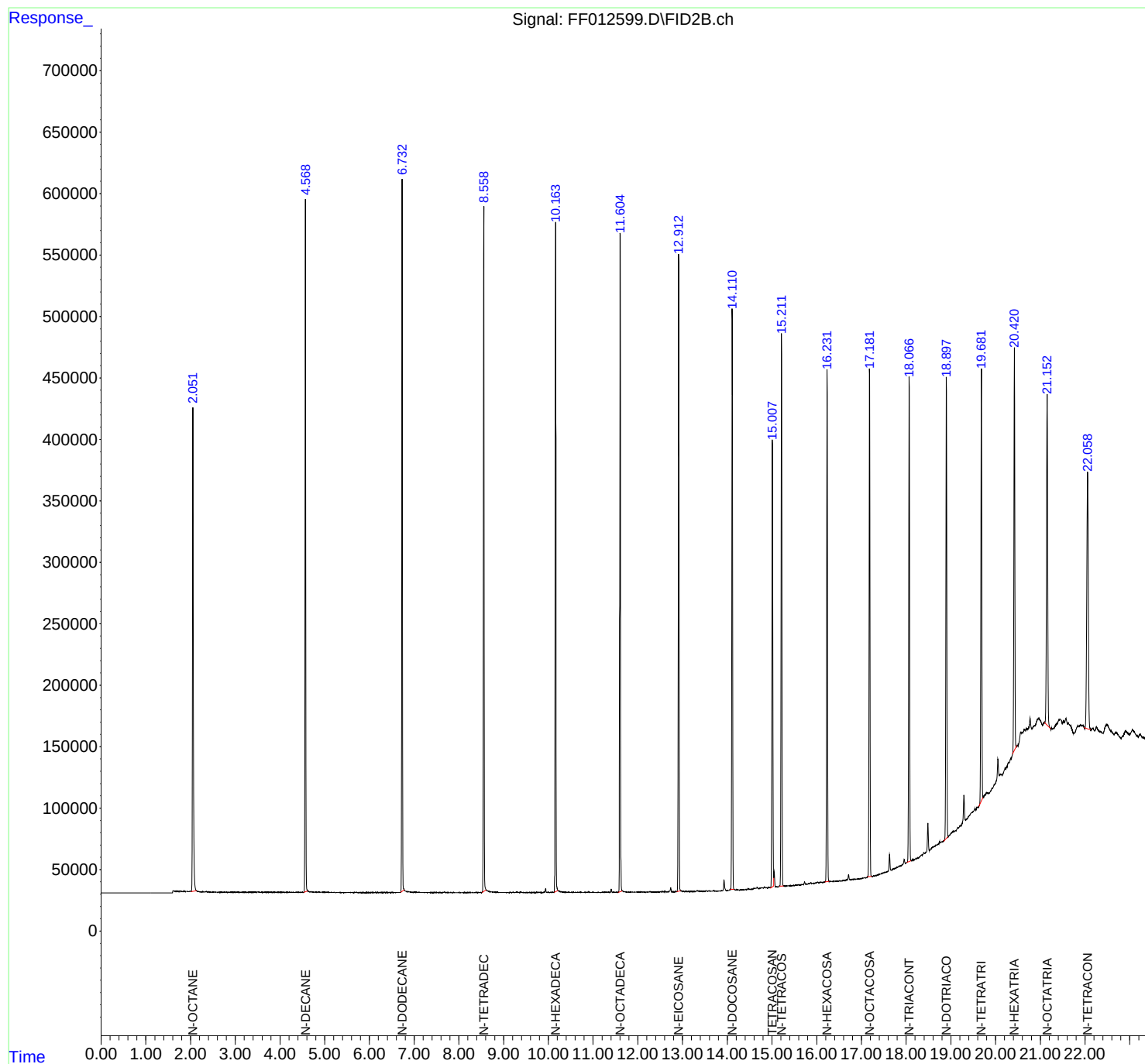
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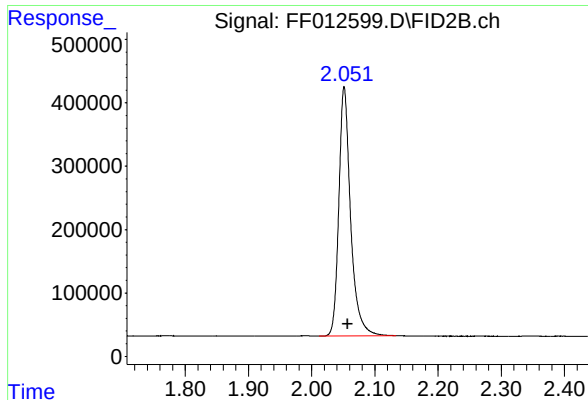
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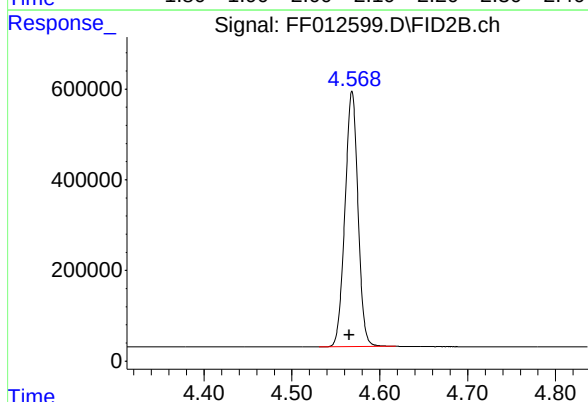
#1 N-OCTANE

R.T.: 2.051 min
Delta R.T.: -0.006 min
Response: 5085455
Conc: 39.08 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

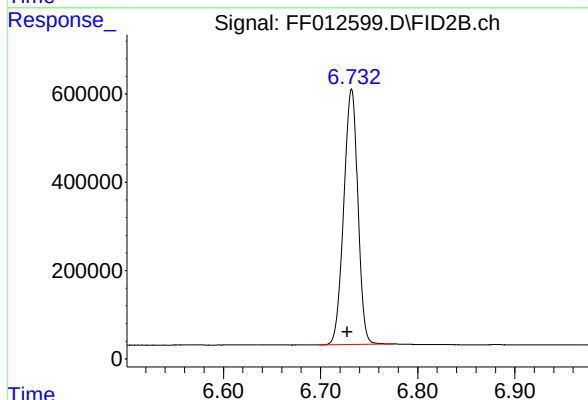
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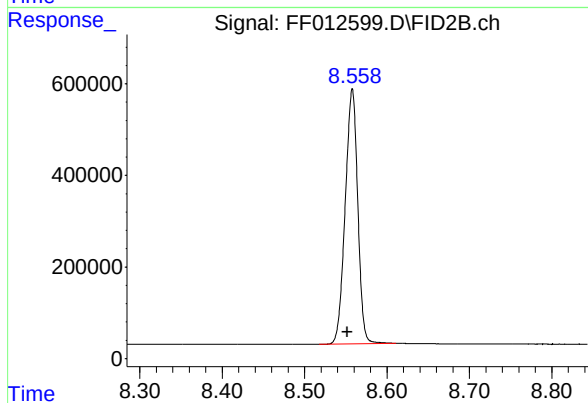
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: 0.003 min
Response: 5793499
Conc: 43.40 ug/ml



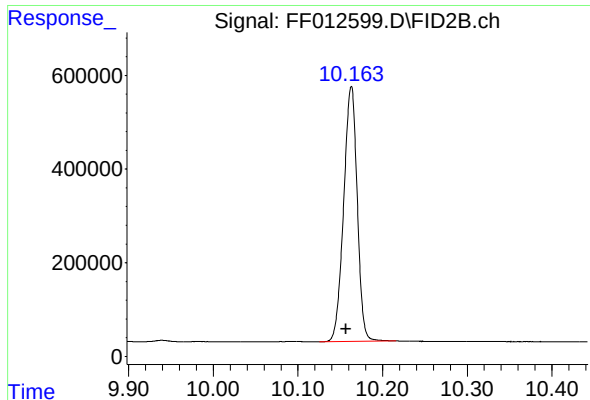
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: 0.005 min
Response: 5854571
Conc: 44.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: 0.006 min
Response: 5874815
Conc: 45.58 ug/ml



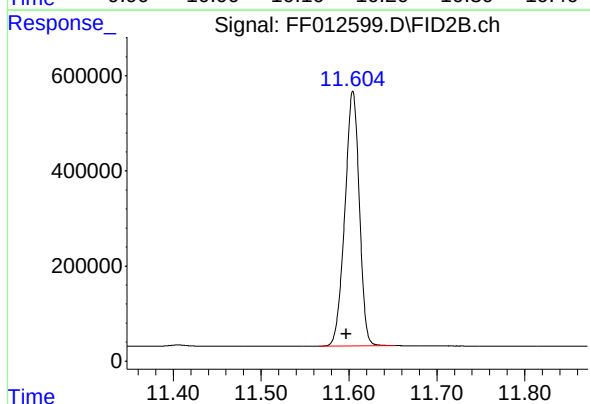
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: 0.007 min
Response: 6062575
Conc: 44.98 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

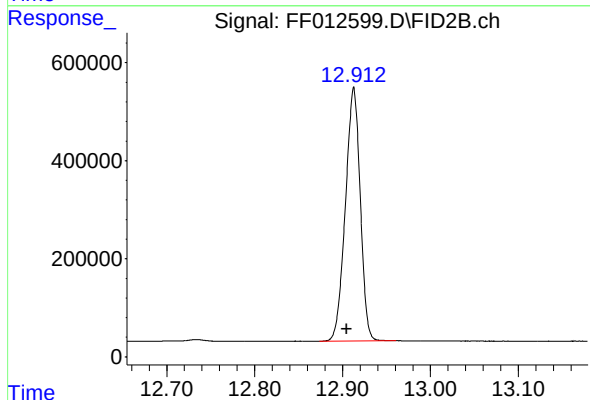
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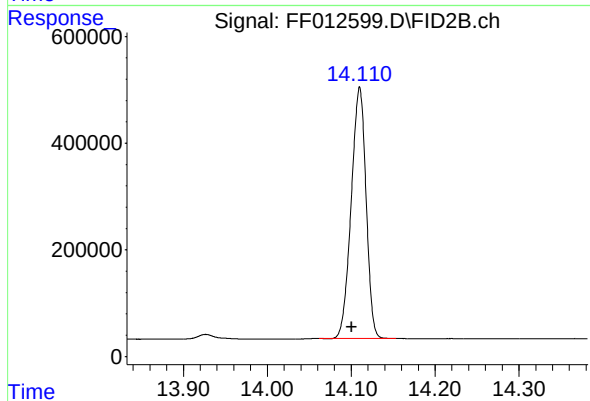
#6 N-OCTADECANE

R.T.: 11.604 min
Delta R.T.: 0.008 min
Response: 6127101
Conc: 44.23 ug/ml



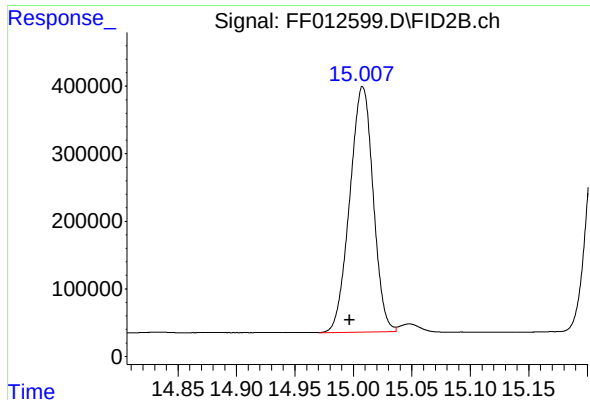
#7 N-EICOSANE

R.T.: 12.913 min
Delta R.T.: 0.008 min
Response: 6064098
Conc: 43.81 ug/ml



#8 N-DOCOSANE

R.T.: 14.110 min
Delta R.T.: 0.010 min
Response: 5790867
Conc: 43.23 ug/ml



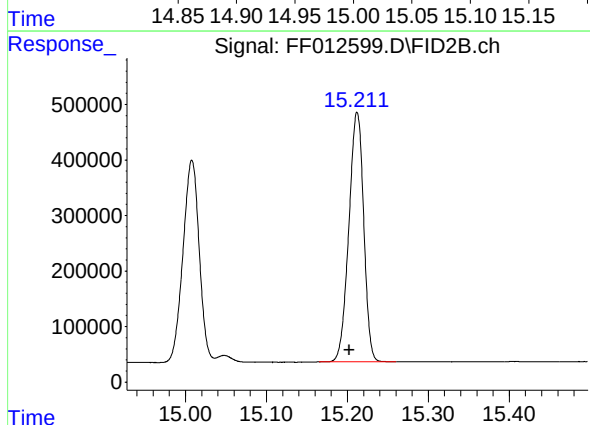
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.007 min
Delta R.T.: 0.010 min
Response: 5070138
Conc: 42.00 ug/ml

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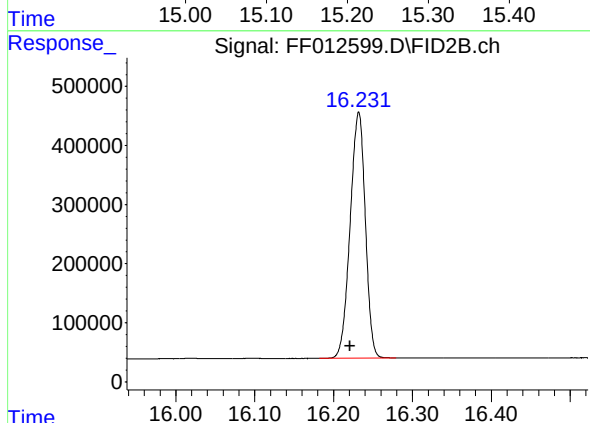
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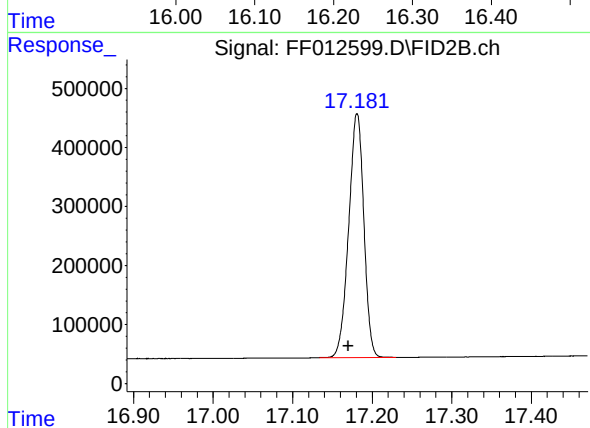
#10 N-TETRACOSANE

R.T.: 15.212 min
Delta R.T.: 0.010 min
Response: 5727240
Conc: 42.92 ug/ml



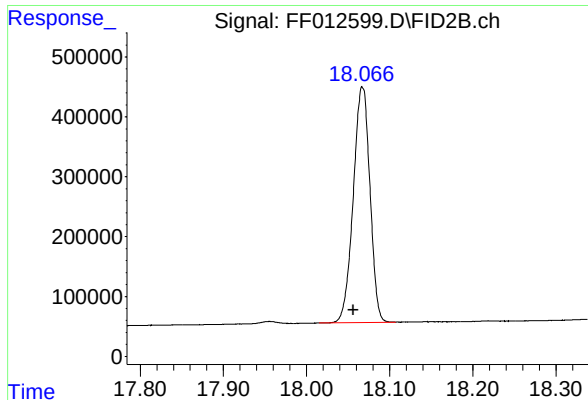
#11 N-HEXACOSANE

R.T.: 16.232 min
Delta R.T.: 0.011 min
Response: 5561017
Conc: 42.90 ug/ml



#12 N-OCTACOSANE

R.T.: 17.181 min
Delta R.T.: 0.011 min
Response: 5469104
Conc: 43.16 ug/ml



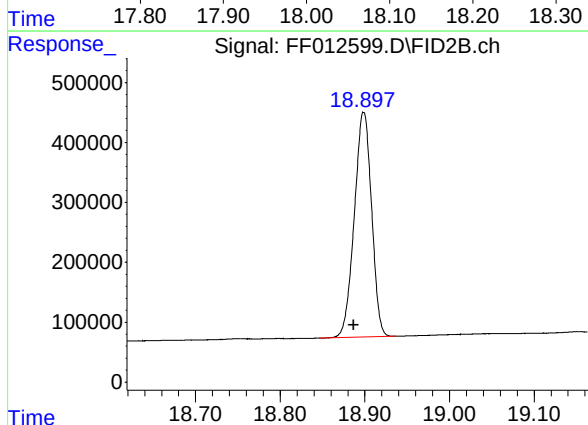
#13 N-TRIACONTANE

R.T.: 18.067 min
Delta R.T.: 0.011 min
Response: 5485649
Conc: 43.86 ug/ml

Instrument :
FID_F
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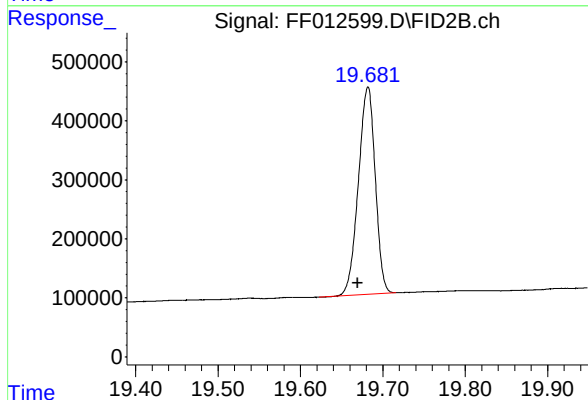
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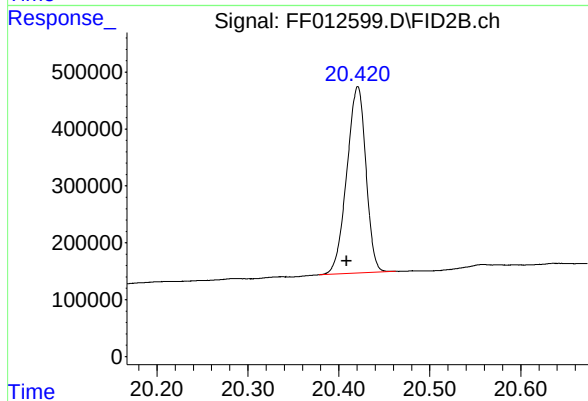
#14 N-DOTRIACONTANE

R.T.: 18.899 min
Delta R.T.: 0.012 min
Response: 5318810
Conc: 44.52 ug/ml



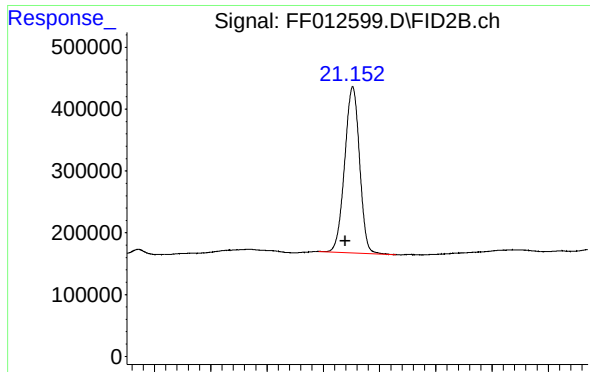
#15 N-TETRATRIACONTANE

R.T.: 19.682 min
Delta R.T.: 0.012 min
Response: 5002905
Conc: 45.48 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.420 min
Delta R.T.: 0.012 min
Response: 4777741
Conc: 45.92 ug/ml m



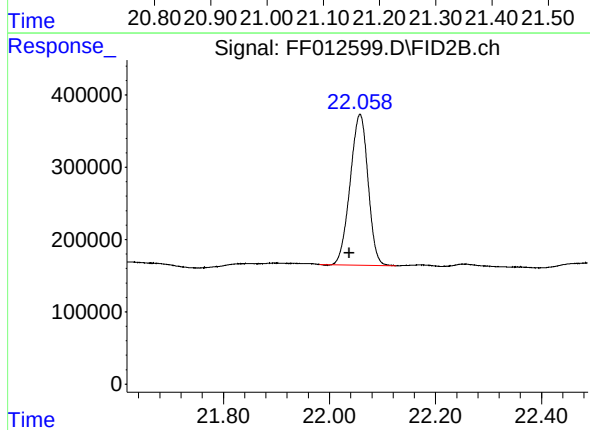
#17 N-OCTATRIACONTANE

R.T.: 21.152 min
Delta R.T.: 0.013 min
Response: 4941318
Conc: 49.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.058 min
Delta R.T.: 0.020 min
Response: 4891820
Conc: 47.22 ug/ml