

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723\
 Data File : FE041238.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 00:10
 Operator : YP\AJ
 Sample : 02213-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-06-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 02:15:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 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...	14.932	2209795	17.362 ug/ml
Target Compounds			
1) N-OCTANE	1.988	121739	0.813 ug/ml
2) N-DECANE	4.489	130278	0.878 ug/mlm
3) N-DODECANE	6.653	127568	0.841 ug/mlm
4) N-TETRADECANE	8.479	136184	0.892 ug/mlm
5) N-HEXADECANE	10.084	126951	0.824 ug/ml
6) N-OCTADECANE	11.524	140819	0.921 ug/ml
7) N-EICOSANE	12.833	139693	0.926 ug/ml
8) N-DOCOSANE	14.031	143495	0.992 ug/ml
10) N-TETRACOSANE	15.134	141772	0.993 ug/ml
11) N-HEXACOSANE	16.157	133228	0.958 ug/ml
12) N-OCTACOSANE	17.106	138298	1.007 ug/ml
13) N-TRIACONTANE	17.994	159280	1.166 ug/ml
14) N-DOTRIACONTANE	18.829	179446	1.346 ug/ml
15) N-TETRATRIACONTANE	19.612	178874	1.413 ug/ml
16) N-HEXATRIACONTANE	20.354	172725	1.431 ug/ml
17) N-OCTATRIACONTANE	21.079	186778	1.510 ug/ml
18) N-TETRACONTANE	21.954	187262	1.440 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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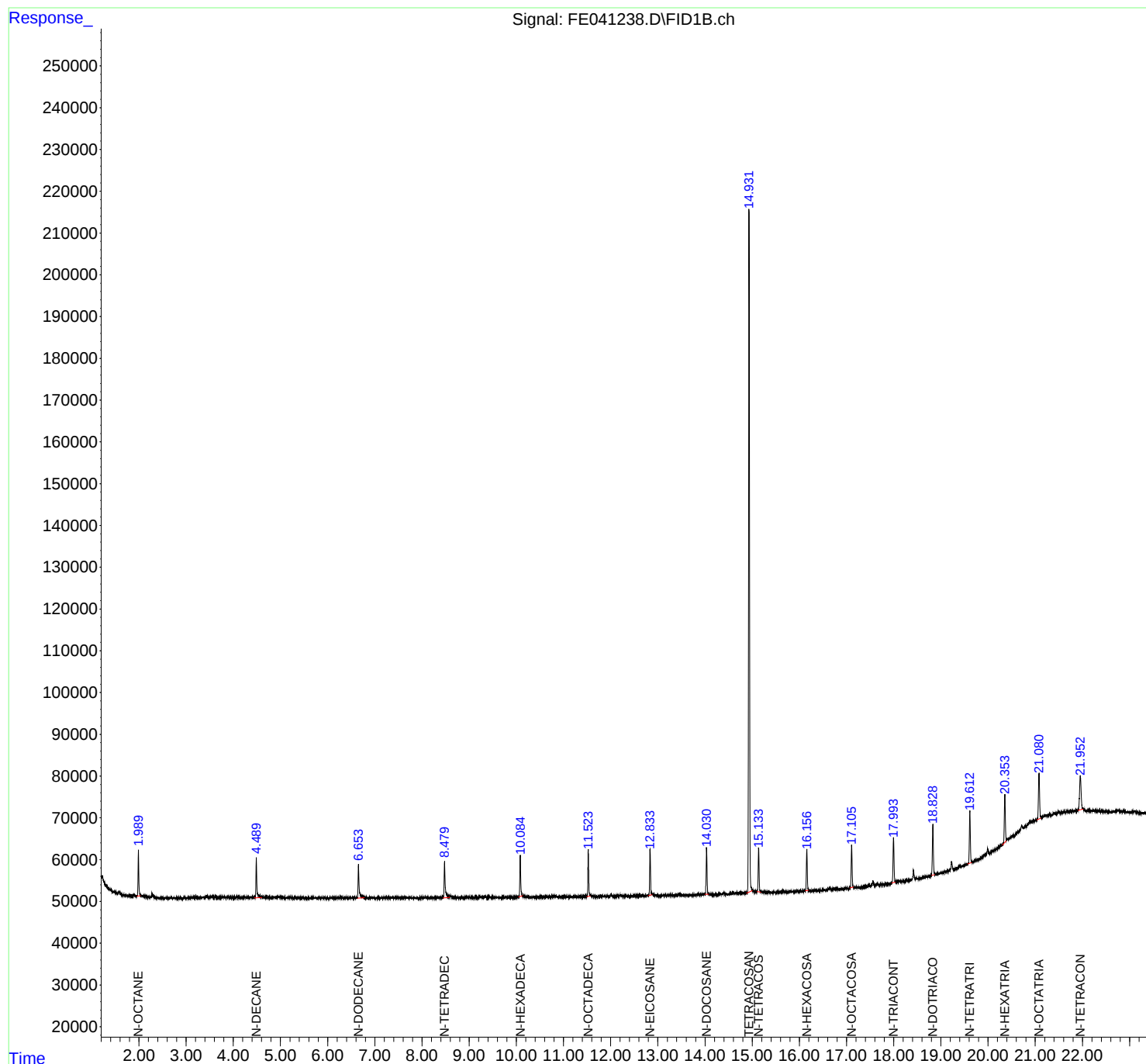
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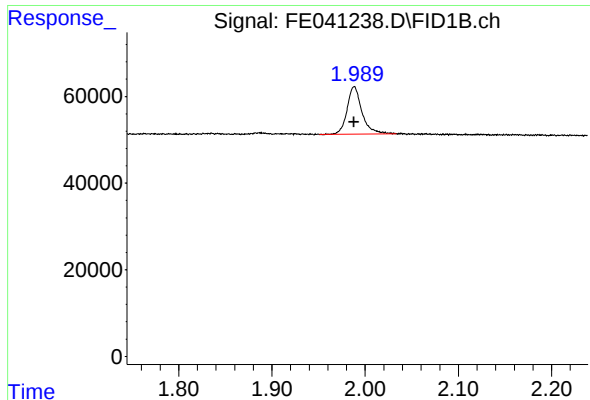
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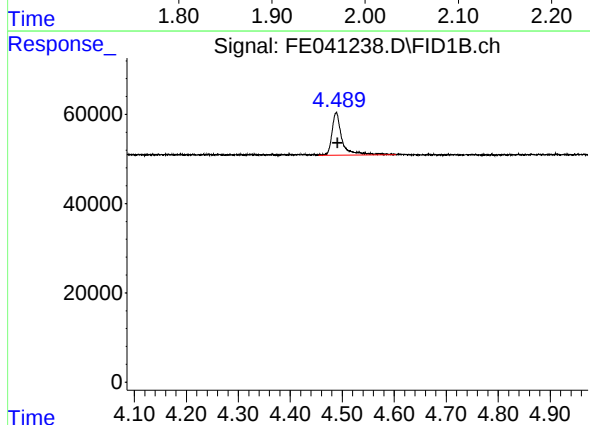
#1 N-OCTANE

R.T.: 1.988 min
Delta R.T.: 0.000 min
Response: 121739
Conc: 0.81 ug/ml

Instrument :
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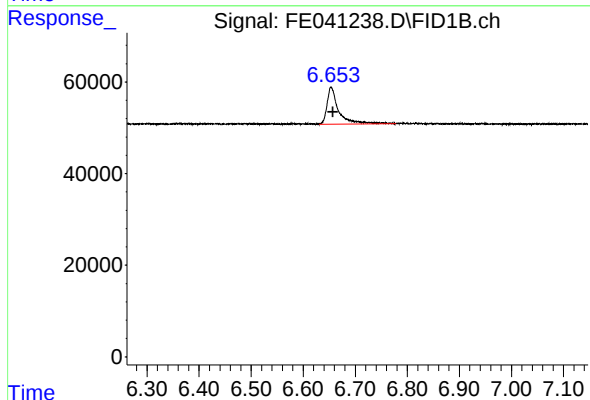
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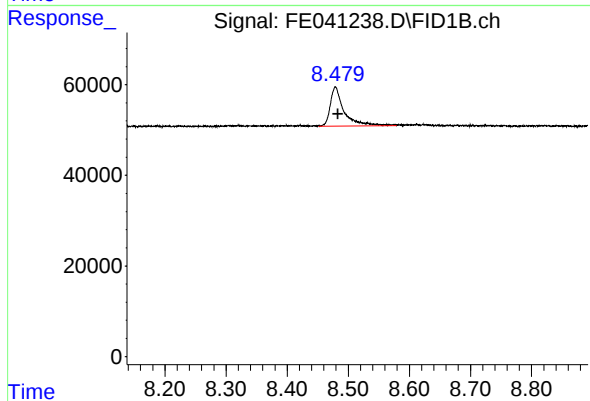
#2 N-DECANE

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 130278
Conc: 0.88 ug/ml m



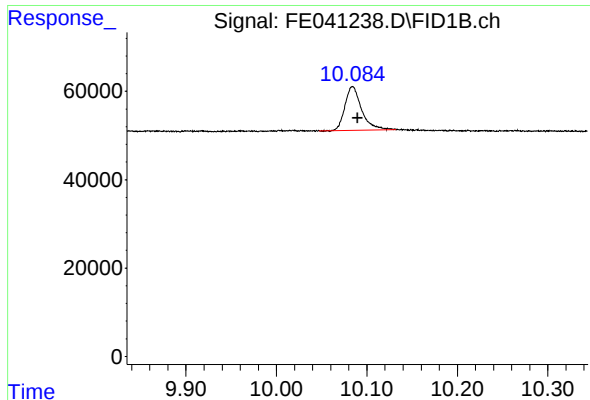
#3 N-DODECANE

R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 127568
Conc: 0.84 ug/ml m



#4 N-TETRADECANE

R.T.: 8.479 min
Delta R.T.: -0.005 min
Response: 136184
Conc: 0.89 ug/ml m



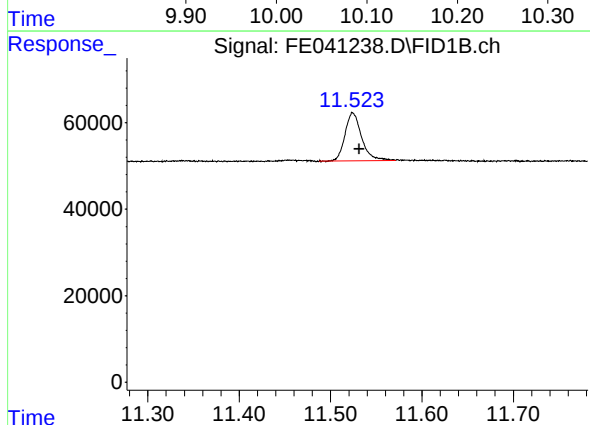
#5 N-HEXADECANE

R.T.: 10.084 min
Delta R.T.: -0.006 min
Response: 126951
Conc: 0.82 ug/ml

Instrument :
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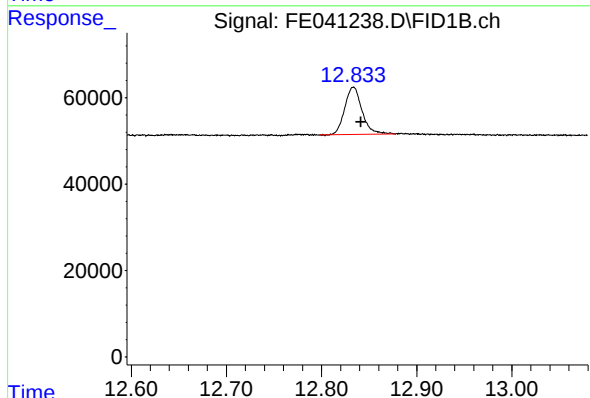
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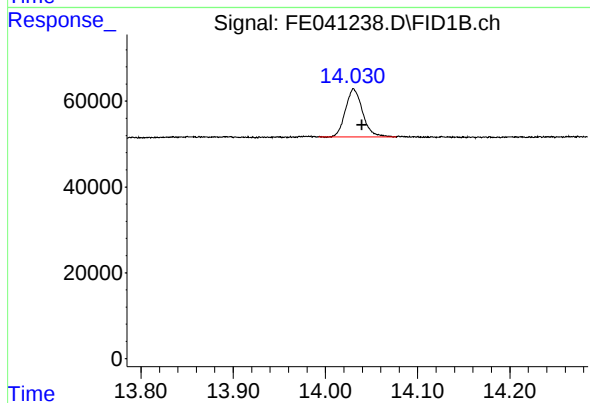
#6 N-OCTADECANE

R.T.: 11.524 min
Delta R.T.: -0.007 min
Response: 140819
Conc: 0.92 ug/ml



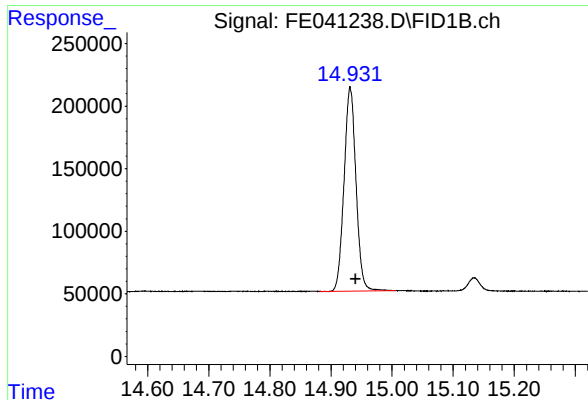
#7 N-EICOSANE

R.T.: 12.833 min
Delta R.T.: -0.008 min
Response: 139693
Conc: 0.93 ug/ml



#8 N-DOCOSANE

R.T.: 14.031 min
Delta R.T.: -0.009 min
Response: 143495
Conc: 0.99 ug/ml



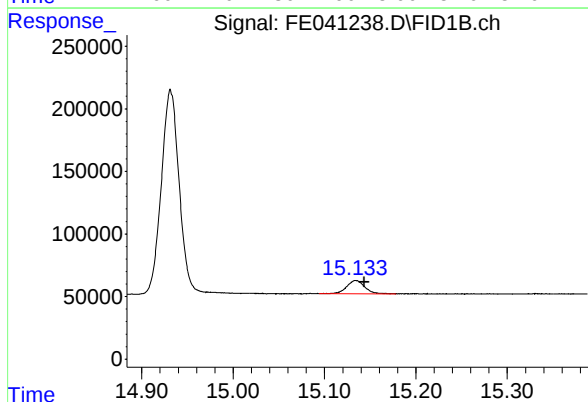
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.932 min
Delta R.T.: -0.009 min
Response: 2209795
Conc: 17.36 ug/ml

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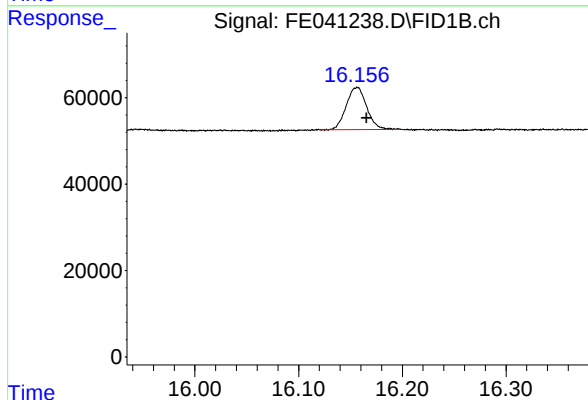
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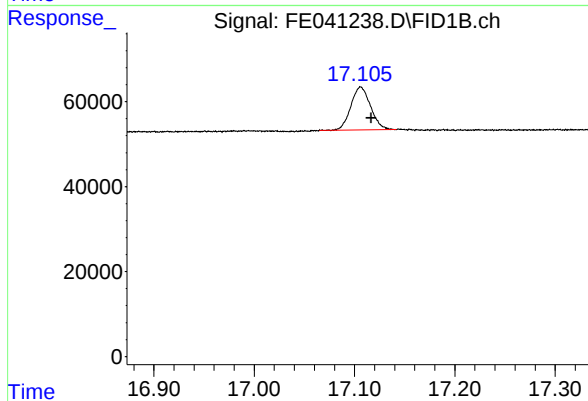
#10 N-TETRACOSANE

R.T.: 15.134 min
Delta R.T.: -0.009 min
Response: 141772
Conc: 0.99 ug/ml



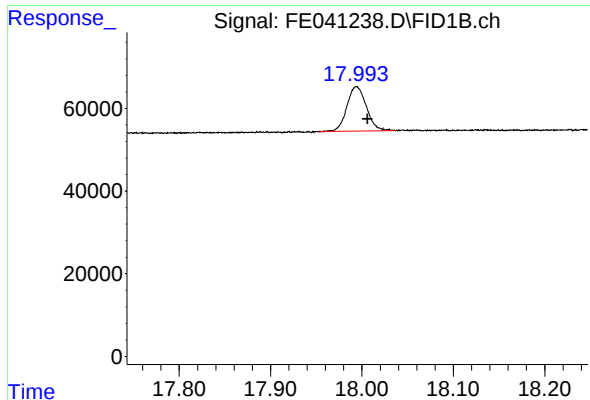
#11 N-HEXACOSANE

R.T.: 16.157 min
Delta R.T.: -0.009 min
Response: 133228
Conc: 0.96 ug/ml



#12 N-OCTACOSANE

R.T.: 17.106 min
Delta R.T.: -0.010 min
Response: 138298
Conc: 1.01 ug/ml



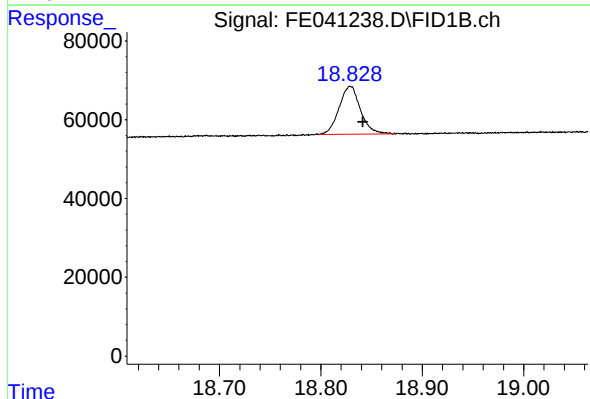
#13 N-TRIACONTANE

R.T.: 17.994 min
Delta R.T.: -0.012 min
Response: 159280
Conc: 1.17 ug/ml

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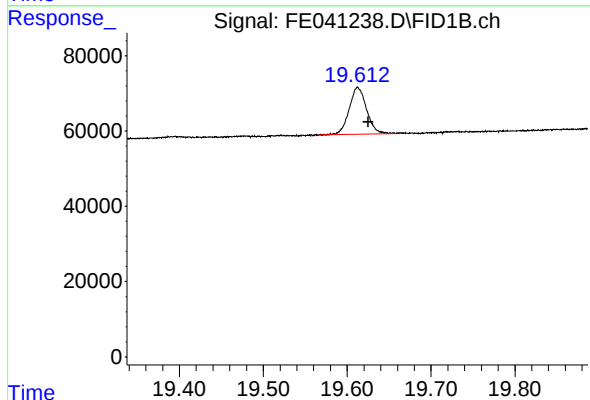
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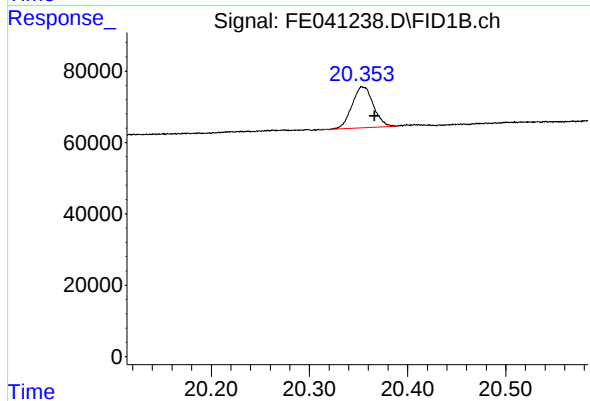
#14 N-DOTRIACONTANE

R.T.: 18.829 min
Delta R.T.: -0.012 min
Response: 179446
Conc: 1.35 ug/ml



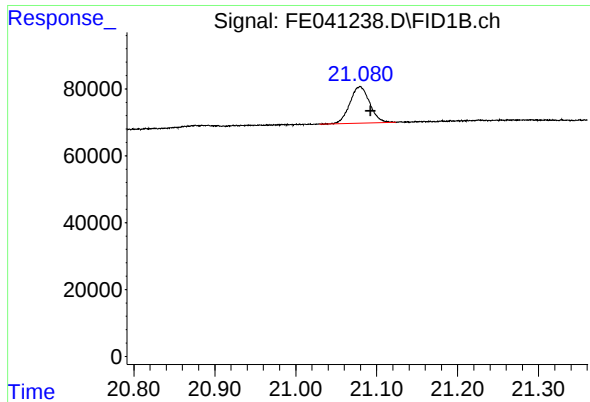
#15 N-TETRATRIACONTANE

R.T.: 19.612 min
Delta R.T.: -0.013 min
Response: 178874
Conc: 1.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 172725
Conc: 1.43 ug/ml



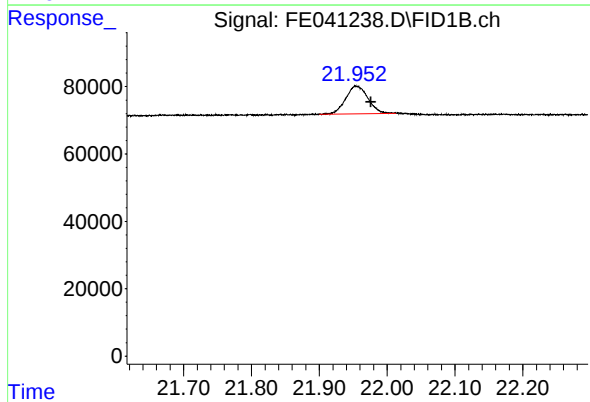
#17 N-OCTATRIACONTANE

R.T.: 21.079 min
Delta R.T.: -0.013 min
Response: 186778
Conc: 1.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.954 min
Delta R.T.: -0.022 min
Response: 187262
Conc: 1.44 ug/ml