

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023\
 Data File : FE044039.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 19:59
 Operator : YP\AJ
 Sample : FE083023ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FE083023ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File: autoint1.e
 Quant Time: Aug 31 02:44:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 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...	15.035	6556801	44.724 ug/ml
Target Compounds			
1) N-OCTANE	2.043	7366041	45.303 ug/ml
2) N-DECANE	4.575	7648417	45.364 ug/ml
3) N-DODECANE	6.742	7744507	45.463 ug/ml
4) N-TETRADECANE	8.570	7797351	45.329 ug/ml
5) N-HEXADECANE	10.179	7838342	45.457 ug/ml
6) N-OCTADECANE	11.623	7916166	45.566 ug/ml
7) N-EICOSANE	12.934	7721901	45.224 ug/ml
8) N-DOCOSANE	14.133	7490547	44.587 ug/ml
10) N-TETRACOSANE	15.238	7386039	44.732 ug/ml
11) N-HEXACOSANE	16.260	7189035	44.701 ug/ml
12) N-OCTACOSANE	17.211	6982322	44.663 ug/ml
13) N-TRIACONTANE	18.100	6625229	44.257 ug/ml
14) N-DOTRIACONTANE	18.933	5997467	44.076 ug/ml
15) N-TETRATRIACONTANE	19.718	5344707	44.381 ug/ml
16) N-HEXATRIACONTANE	20.459	4720977	44.435 ug/mlm
17) N-OCTATRIACONTANE	21.204	4361523	43.710 ug/ml
18) N-TETRACONTANE	22.129	4120722	42.963 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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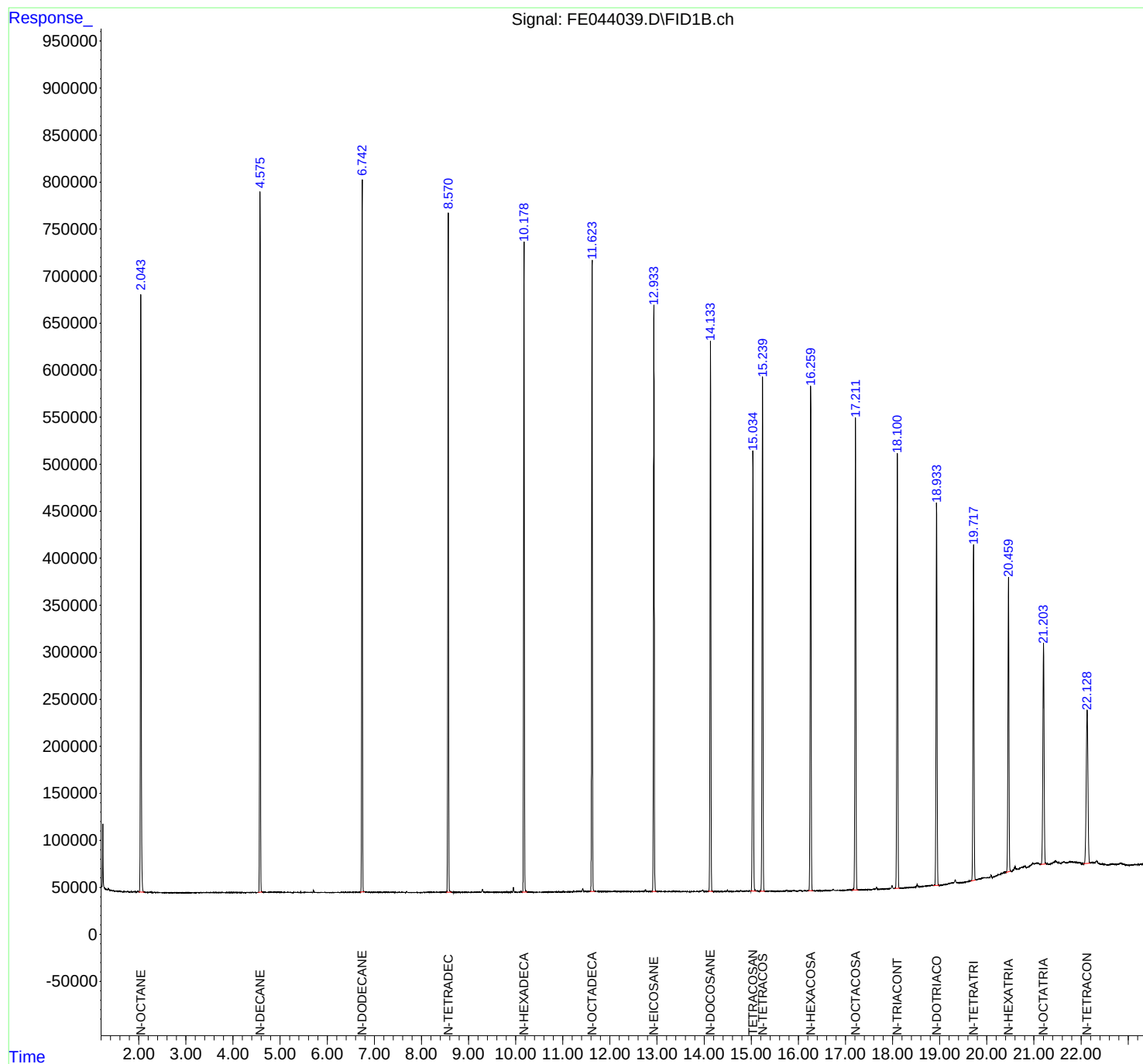
APPROVED

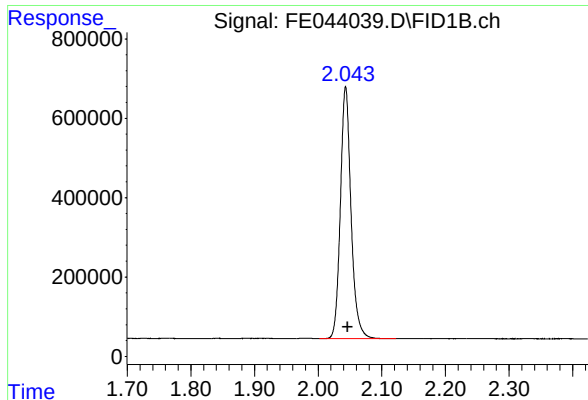
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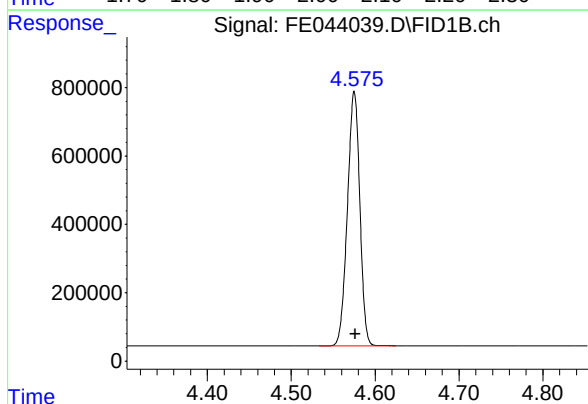
#1 N-OCTANE

R.T.: 2.043 min
Delta R.T.: -0.003 min
Response: 7366041
Conc: 45.30 ug/ml

Instrument :
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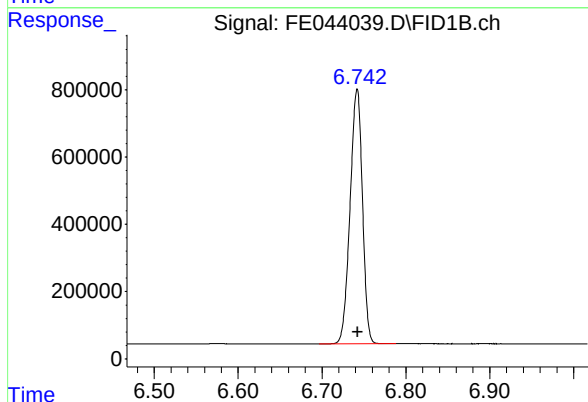
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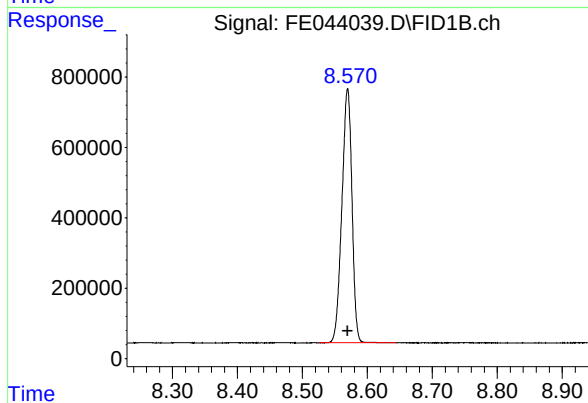
#2 N-DECANE

R.T.: 4.575 min
Delta R.T.: -0.001 min
Response: 7648417
Conc: 45.36 ug/ml



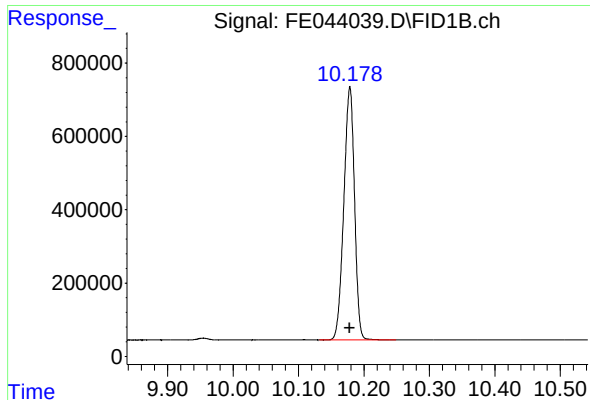
#3 N-DODECANE

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 7744507
Conc: 45.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 7797351
Conc: 45.33 ug/ml



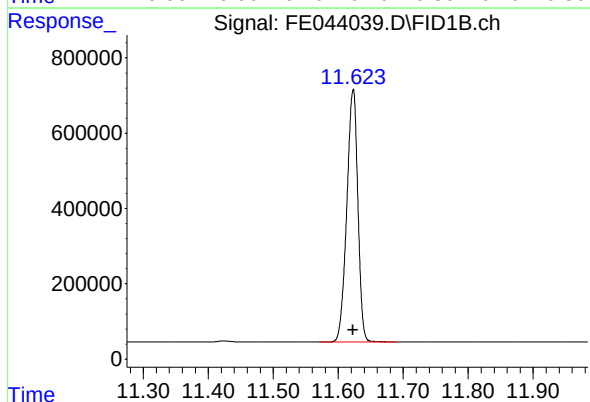
#5 N-HEXADECANE

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 7838342
Conc: 45.46 ug/ml

Instrument :
FID_E
ClientSampleId :
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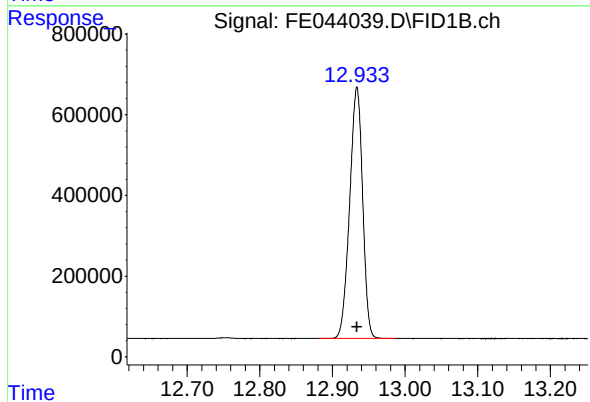
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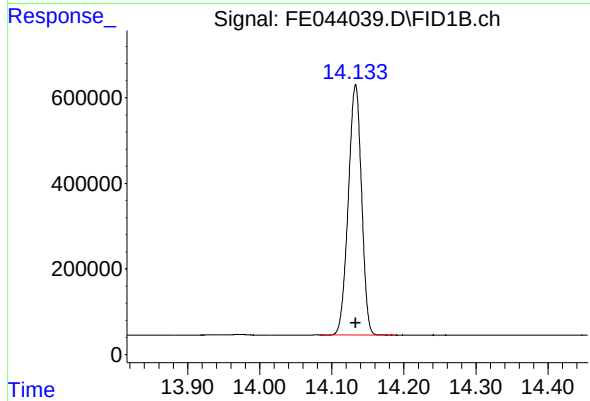
#6 N-OCTADECANE

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 7916166
Conc: 45.57 ug/ml



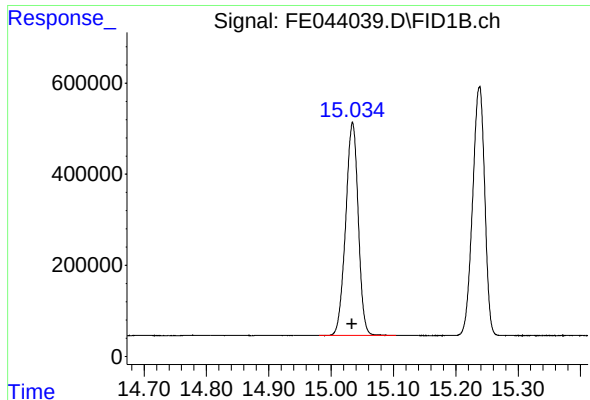
#7 N-EICOSANE

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 7721901
Conc: 45.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.133 min
Delta R.T.: 0.000 min
Response: 7490547
Conc: 44.59 ug/ml



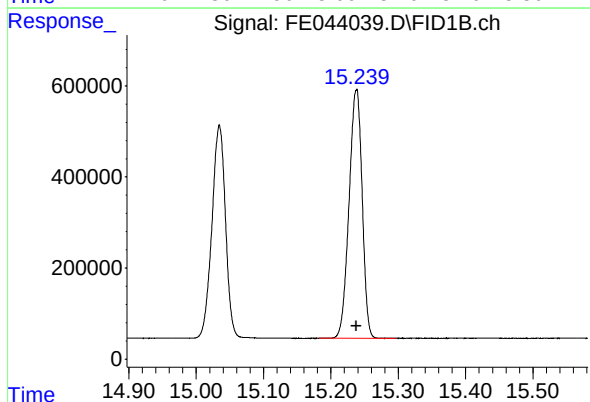
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.035 min
Delta R.T.: 0.001 min
Response: 6556801
Conc: 44.72 ug/ml

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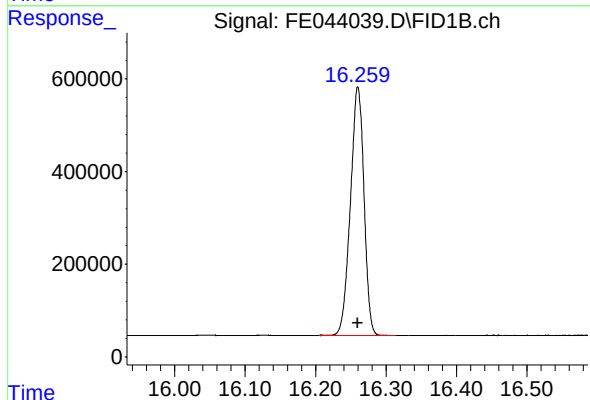
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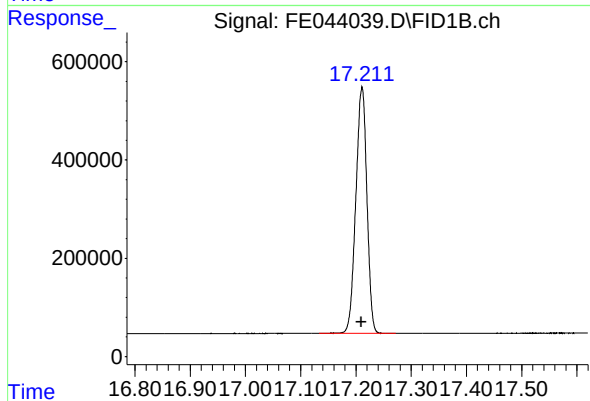
#10 N-TETRACOSANE

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 7386039
Conc: 44.73 ug/ml



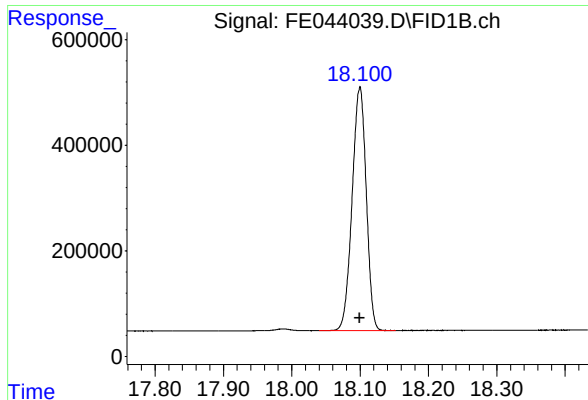
#11 N-HEXACOSANE

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 7189035
Conc: 44.70 ug/ml



#12 N-OCTACOSANE

R.T.: 17.211 min
Delta R.T.: 0.002 min
Response: 6982322
Conc: 44.66 ug/ml



#13 N-TRIACONTANE

R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 6625229
Conc: 44.26 ug/ml

Instrument :

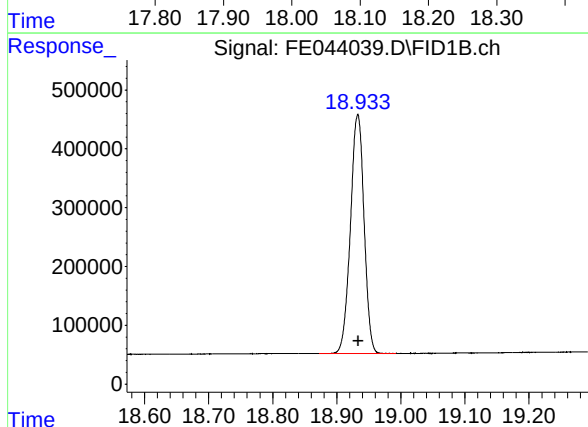
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ClientSampleId :

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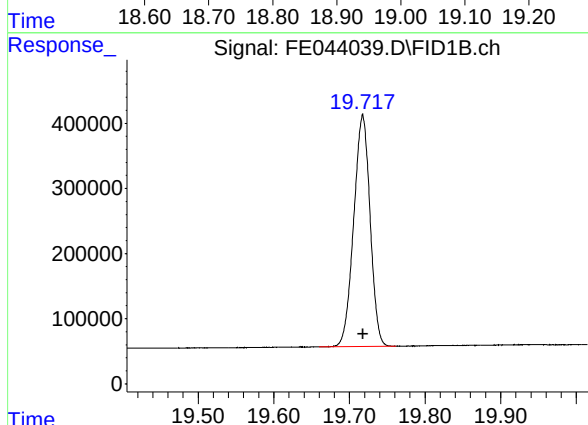
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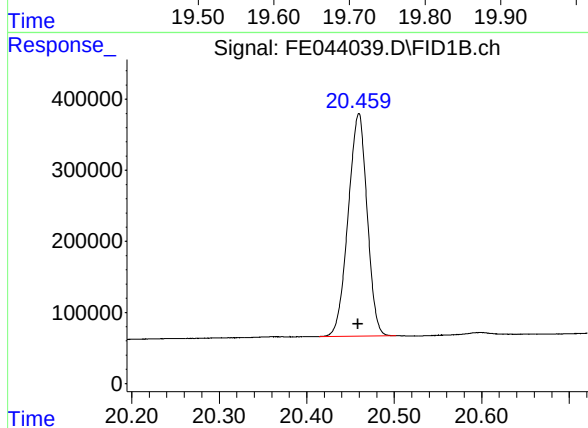
#14 N-DOTRIACONTANE

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 5997467
Conc: 44.08 ug/ml



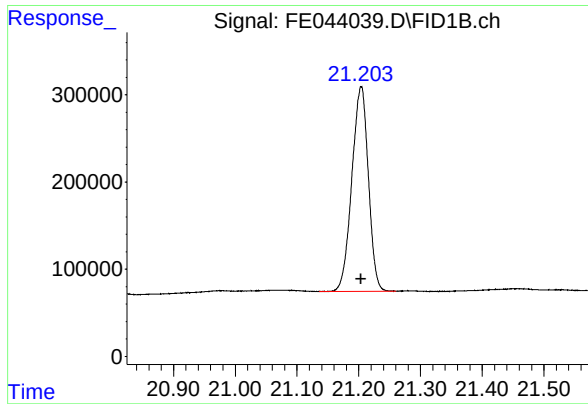
#15 N-TETRATRIACONTANE

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 5344707
Conc: 44.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.459 min
Delta R.T.: 0.000 min
Response: 4720977
Conc: 44.44 ug/ml m



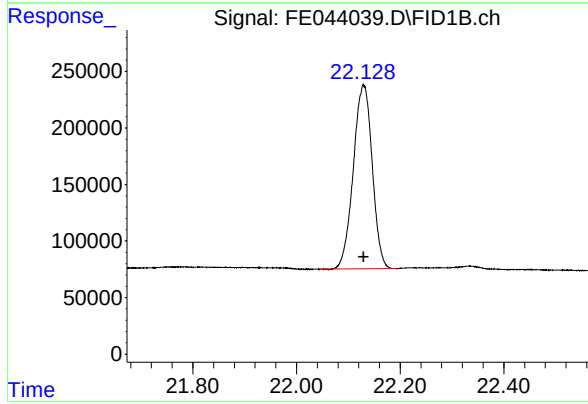
#17 N-OCTATRIACONTANE

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 4361523
Conc: 43.71 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.129 min
Delta R.T.: 0.000 min
Response: 4120722
Conc: 42.96 ug/ml