

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090123\
 Data File : FE044083.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2023 10:42
 Operator : YP\AJ
 Sample : 03572-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-06-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2023
 Supervised By :Ankita Jodhani 09/05/2023

Integration File: autoint1.e
 Quant Time: Sep 02 00:00:11 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...	15.021	2496383	17.028 ug/ml
Target Compounds			
1) N-OCTANE	2.046	141450	0.870 ug/ml
2) N-DECANE	4.571	157227	0.933 ug/ml
3) N-DODECANE	6.735	156468	0.919 ug/ml
4) N-TETRADECANE	8.560	160551	0.933 ug/ml
5) N-HEXADECANE	10.168	158444	0.919 ug/ml
6) N-OCTADECANE	11.611	159922	0.921 ug/ml
7) N-EICOSANE	12.922	159456	0.934 ug/ml
8) N-DOCOSANE	14.120	156804	0.933 ug/ml
10) N-TETRACOSANE	15.224	154751	0.937 ug/ml
11) N-HEXACOSANE	16.245	151843	0.944 ug/ml
12) N-OCTACOSANE	17.194	168299	1.077 ug/ml
13) N-TRIACONTANE	18.084	208496	1.393 ug/ml
14) N-DOTRIACONTANE	18.917	228744	1.681 ug/ml
15) N-TETRATRIACONTANE	19.702	192800	1.601 ug/ml
16) N-HEXATRIACONTANE	20.444	136431	1.284 ug/ml
17) N-OCTATRIACONTANE	21.185	106925	1.072 ug/ml
18) N-TETRACONTANE	22.104	89083	0.929 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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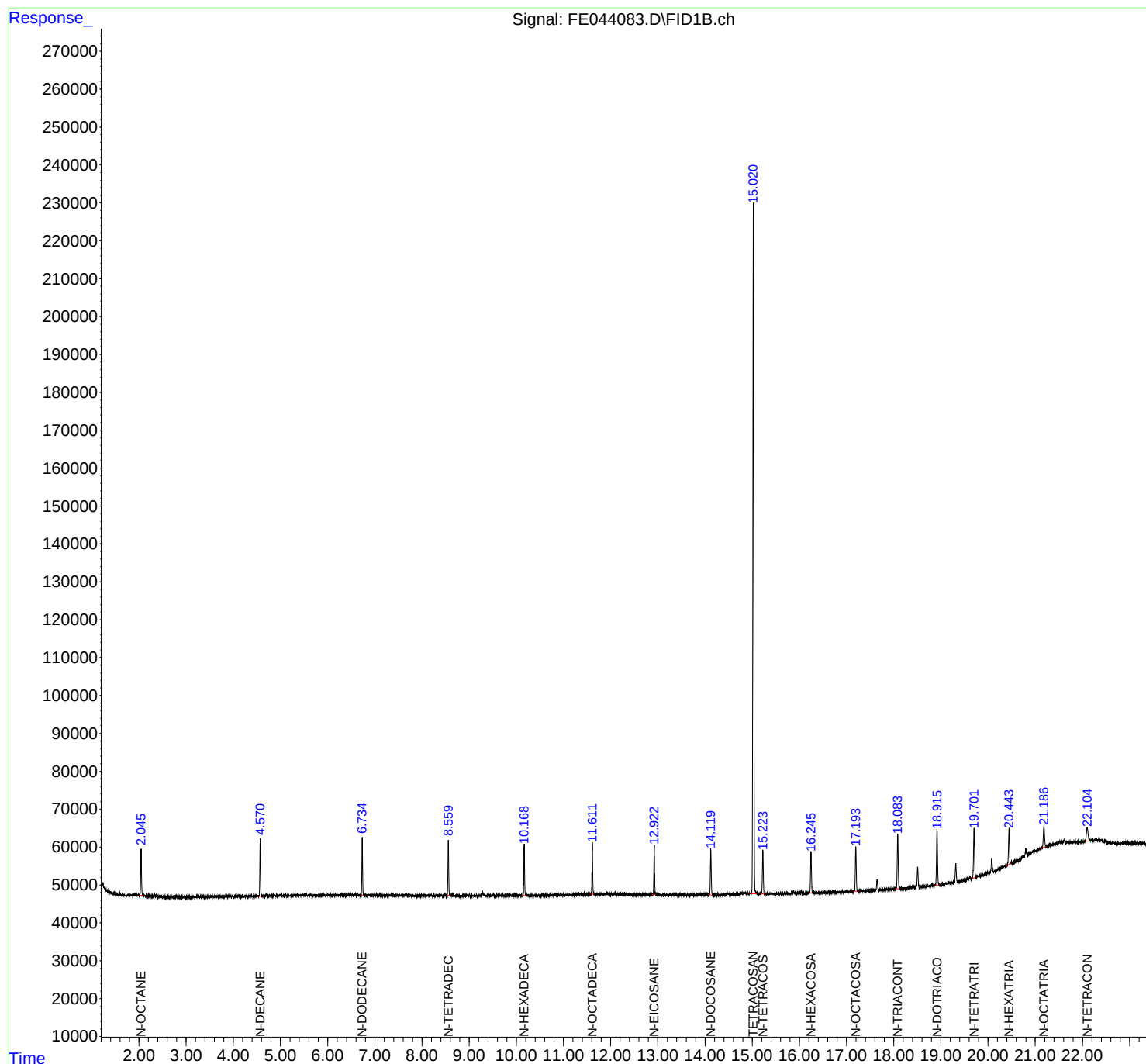
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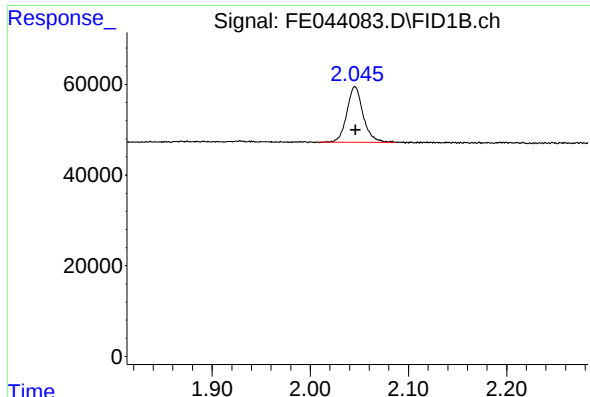
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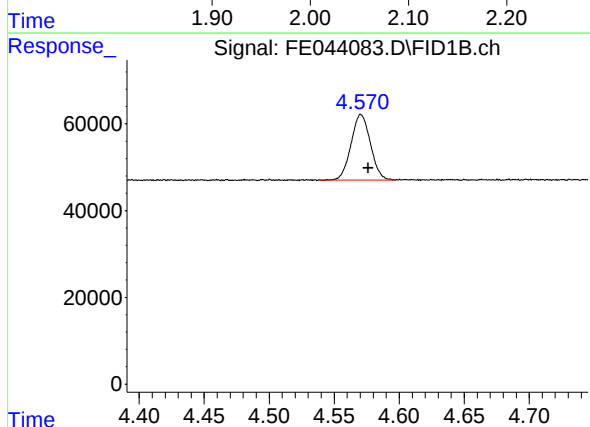
#1 N-OCTANE

R.T.: 2.046 min
Delta R.T.: 0.000 min
Response: 141450
Conc: 0.87 ug/ml

Instrument :
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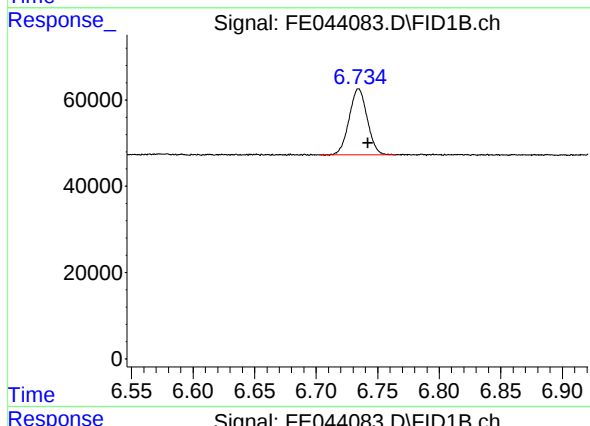
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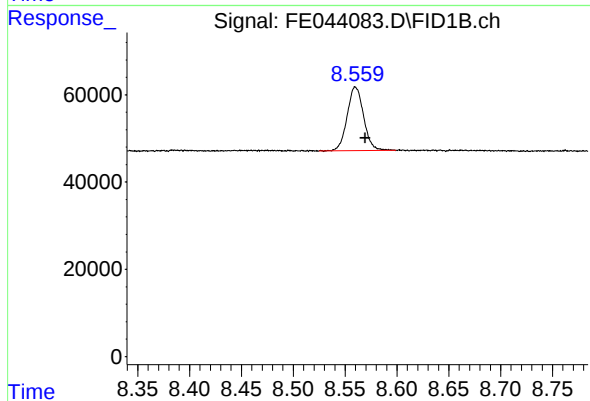
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: -0.006 min
Response: 157227
Conc: 0.93 ug/ml



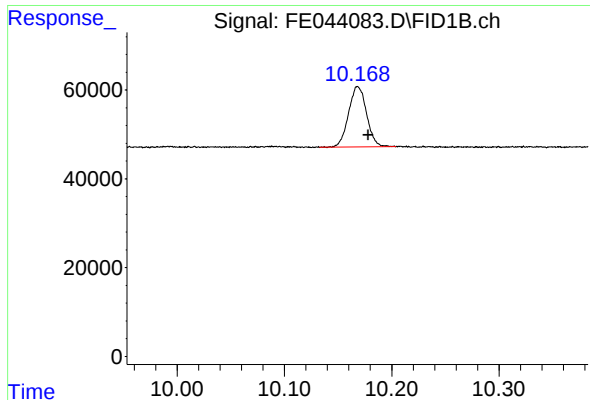
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: -0.008 min
Response: 156468
Conc: 0.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.560 min
Delta R.T.: -0.009 min
Response: 160551
Conc: 0.93 ug/ml



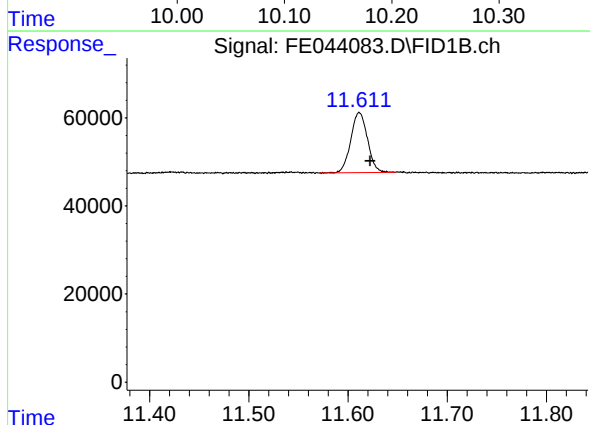
#5 N-HEXADECANE

R.T.: 10.168 min
Delta R.T.: -0.010 min
Response: 158444
Conc: 0.92 ug/ml

Instrument : FID_E
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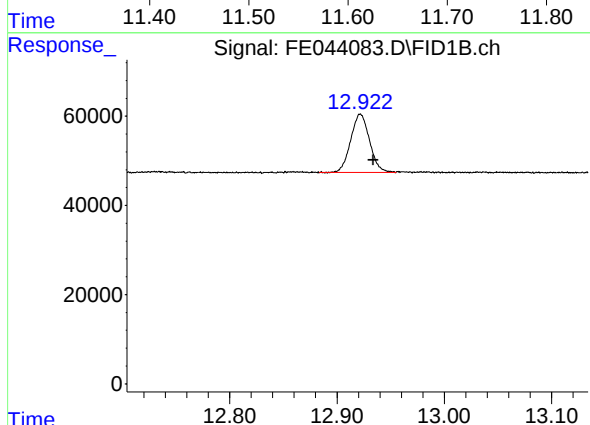
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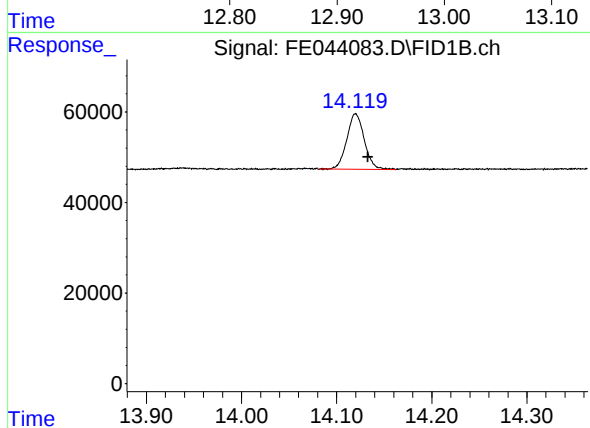
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.011 min
Response: 159922
Conc: 0.92 ug/ml



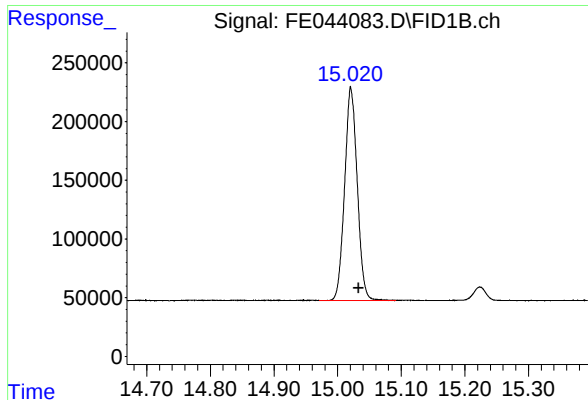
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.012 min
Response: 159456
Conc: 0.93 ug/ml



#8 N-DOCOSANE

R.T.: 14.120 min
Delta R.T.: -0.013 min
Response: 156804
Conc: 0.93 ug/ml



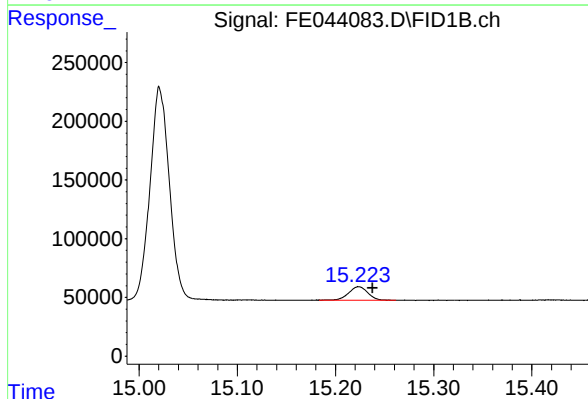
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.021 min
Delta R.T.: -0.013 min
Response: 2496383
Conc: 17.03 ug/ml

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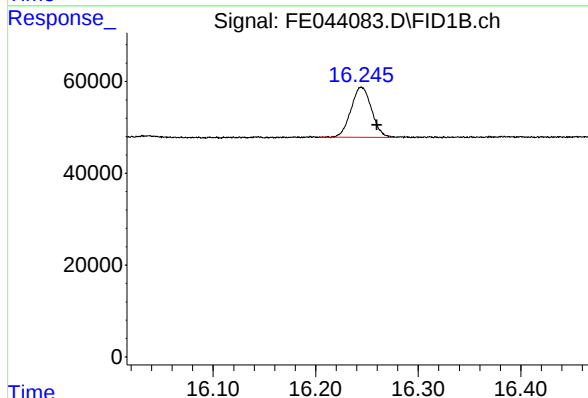
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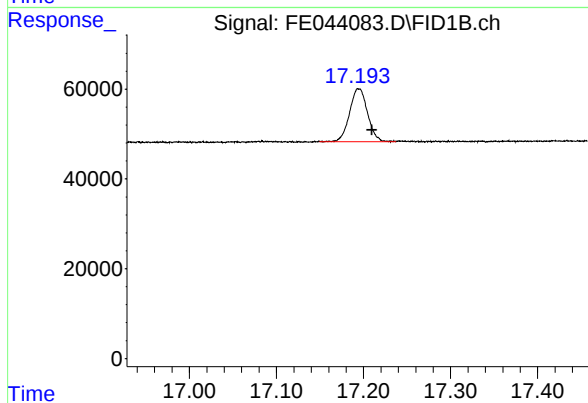
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: -0.014 min
Response: 154751
Conc: 0.94 ug/ml



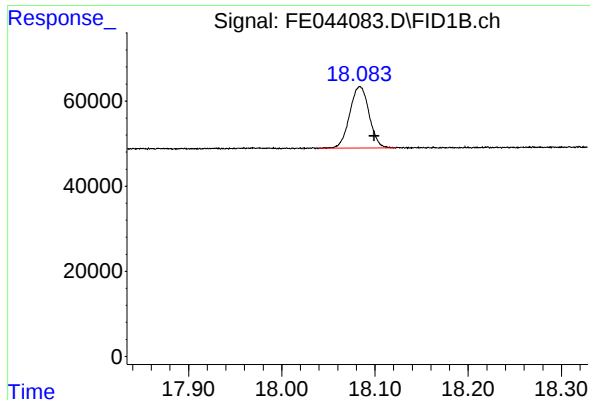
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.015 min
Response: 151843
Conc: 0.94 ug/ml



#12 N-OCTACOSANE

R.T.: 17.194 min
Delta R.T.: -0.015 min
Response: 168299
Conc: 1.08 ug/ml



#13 N-TRIACONTANE

R.T.: 18.084 min
Delta R.T.: -0.016 min
Response: 208496
Conc: 1.39 ug/ml

Instrument :

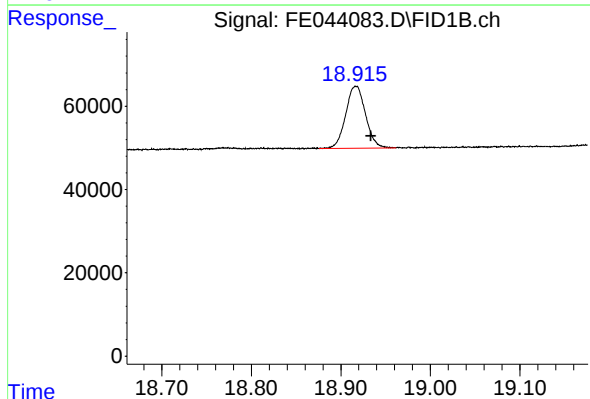
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ClientSampleId :

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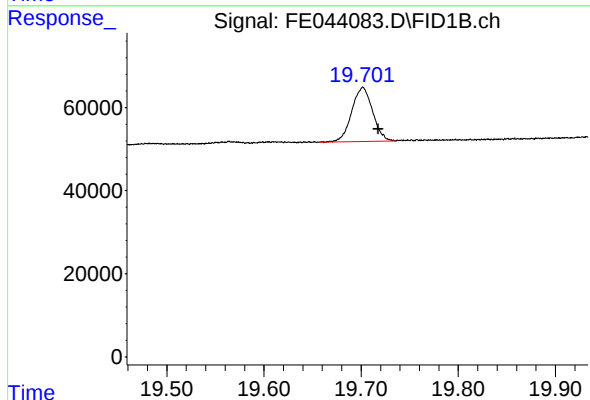
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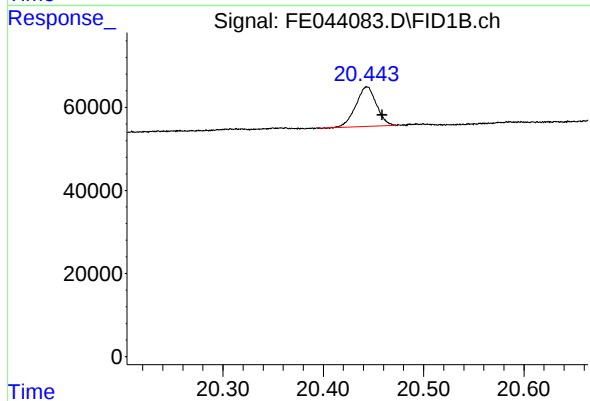
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.016 min
Response: 228744
Conc: 1.68 ug/ml



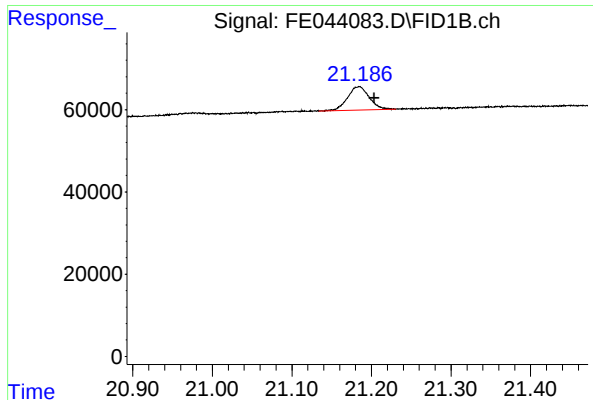
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.016 min
Response: 192800
Conc: 1.60 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.444 min
Delta R.T.: -0.015 min
Response: 136431
Conc: 1.28 ug/ml



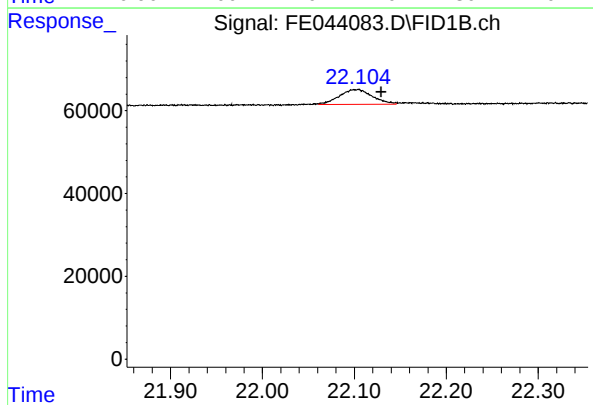
#17 N-OCTATRIACONTANE

R.T.: 21.185 min
Delta R.T.: -0.019 min
Response: 106925
Conc: 1.07 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.104 min
Delta R.T.: -0.025 min
Response: 89083
Conc: 0.93 ug/ml m