

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023\
 Data File : FE044034.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 17:24
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 TRPH STD

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 02:37:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:37:03 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...	15.040	13852492	96.121 ug/ml
Target Compounds			
1) N-OCTANE	2.044	14395899	92.638 ug/ml
2) N-DECANE	4.579	14961183	92.678 ug/ml
3) N-DODECANE	6.746	15207925	93.590 ug/ml
4) N-TETRADECANE	8.575	15326077	93.380 ug/ml
5) N-HEXADECANE	10.184	15463903	93.456 ug/ml
6) N-OCTADECANE	11.628	15561862	92.293 ug/ml
7) N-EICOSANE	12.940	15178382	91.787 ug/ml
8) N-DOCOSANE	14.140	15854647	95.935 ug/ml
10) N-TETRACOSANE	15.246	15586596	96.160 ug/ml
11) N-HEXACOSANE	16.268	15147017	96.166 ug/ml
12) N-OCTACOSANE	17.219	14669571	96.275 ug/ml
13) N-TRIACONTANE	18.108	13883074	95.845 ug/ml
14) N-DOTRIACONTANE	18.941	12515787	96.198 ug/ml
15) N-TETRATRIACONTANE	19.725	11071701	96.317 ug/ml
16) N-HEXATRIACONTANE	20.467	9721681	95.957 ug/mlm
17) N-OCTATRIACONTANE	21.210	8823589	95.304 ug/mlm
18) N-TETRACONTANE	22.138	8323603	92.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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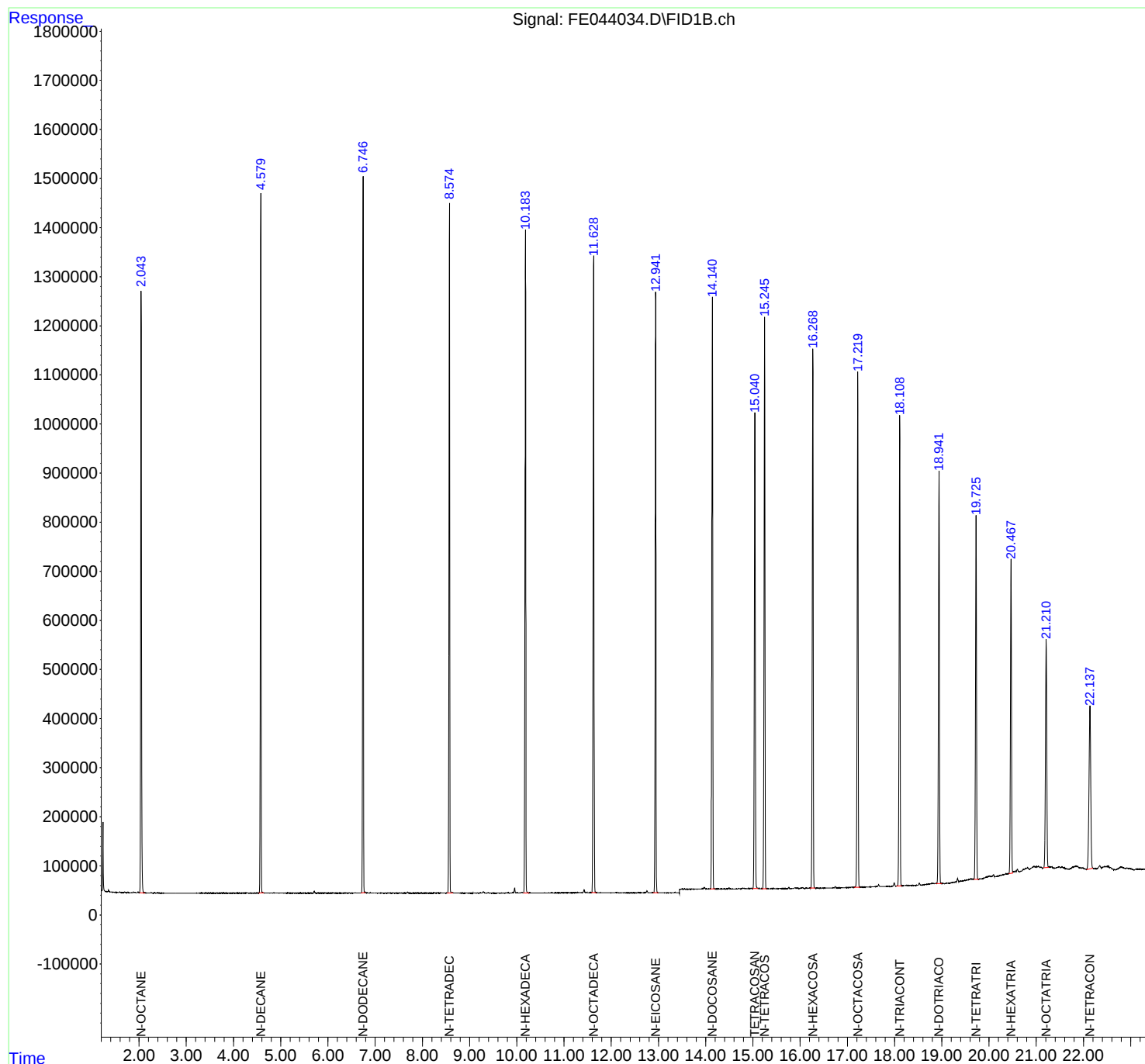
Instrument :
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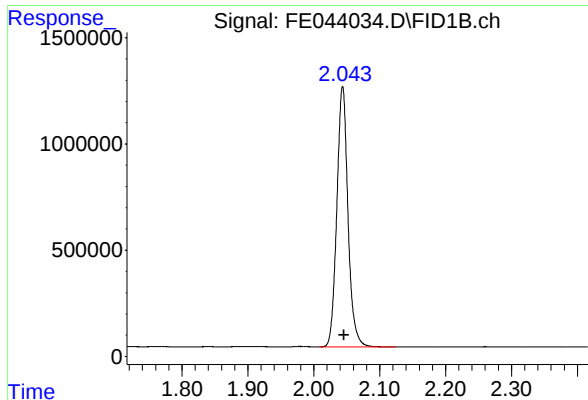
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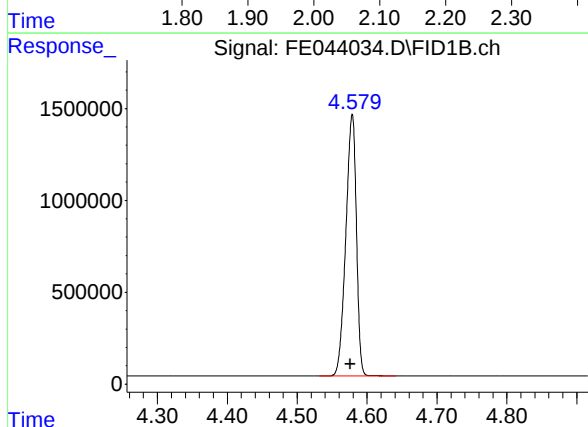
#1 N-OCTANE

R.T.: 2.044 min
Delta R.T.: -0.002 min
Response: 14395899
Conc: 92.64 ug/ml

Instrument :
FID_E
ClientSampleId :
100 TRPH STD

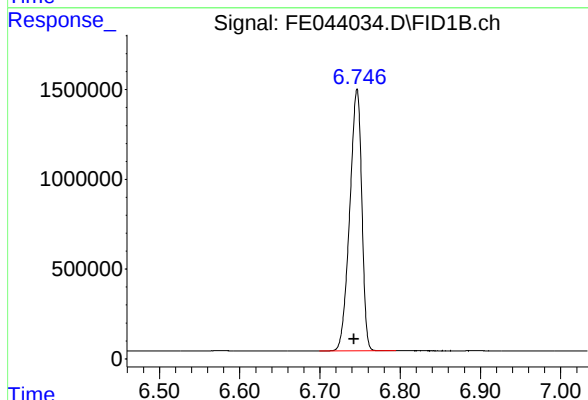
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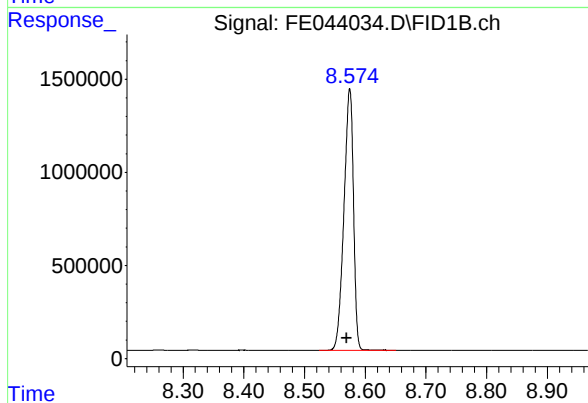
#2 N-DECANE

R.T.: 4.579 min
Delta R.T.: 0.002 min
Response: 14961183
Conc: 92.68 ug/ml



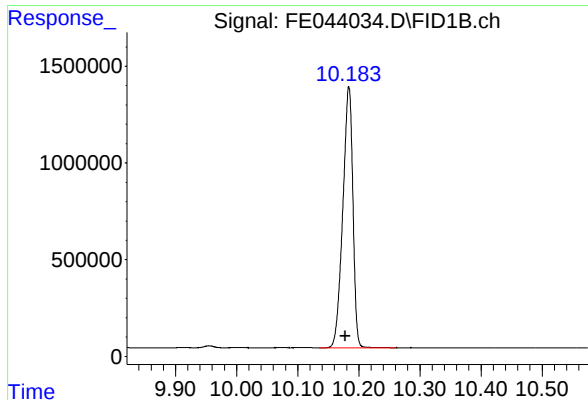
#3 N-DODECANE

R.T.: 6.746 min
Delta R.T.: 0.004 min
Response: 15207925
Conc: 93.59 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: 0.005 min
Response: 15326077
Conc: 93.38 ug/ml



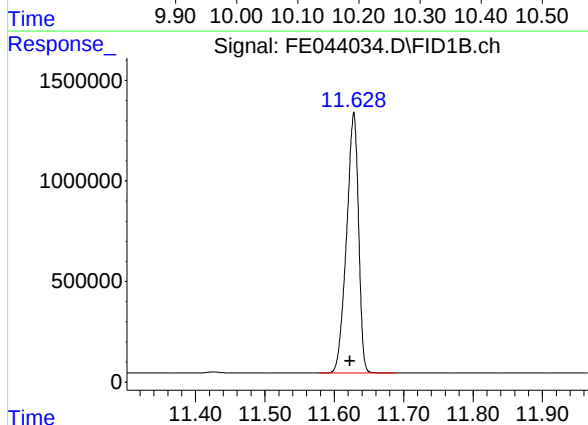
#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: 0.006 min
Response: 15463903
Conc: 93.46 ug/ml

Instrument :
FID_E
ClientSampleId :
100 TRPH STD

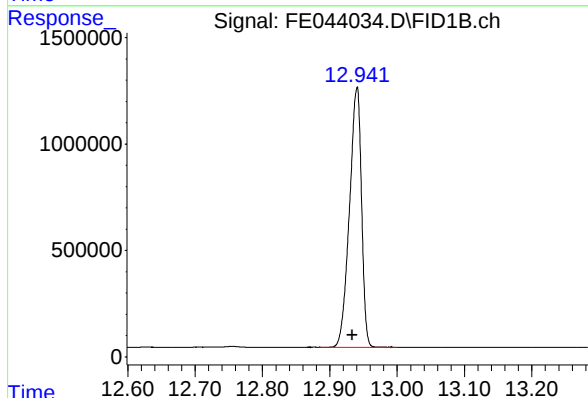
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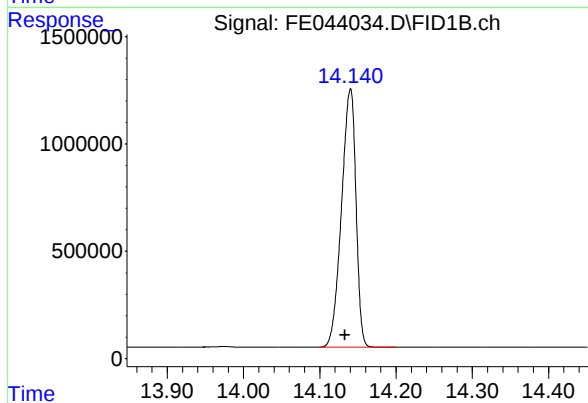
#6 N-OCTADECANE

R.T.: 11.628 min
Delta R.T.: 0.006 min
Response: 15561862
Conc: 92.29 ug/ml



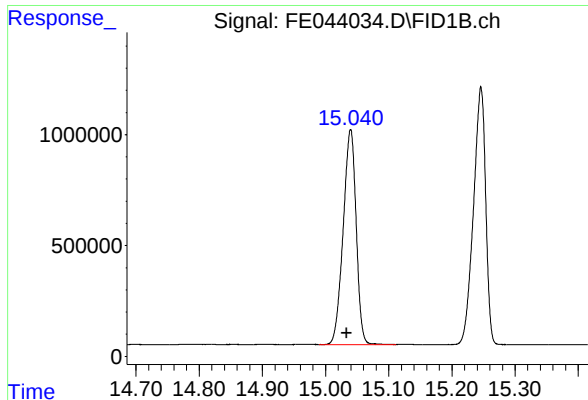
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: 0.007 min
Response: 15178382
Conc: 91.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: 0.007 min
Response: 15854647
Conc: 95.94 ug/ml



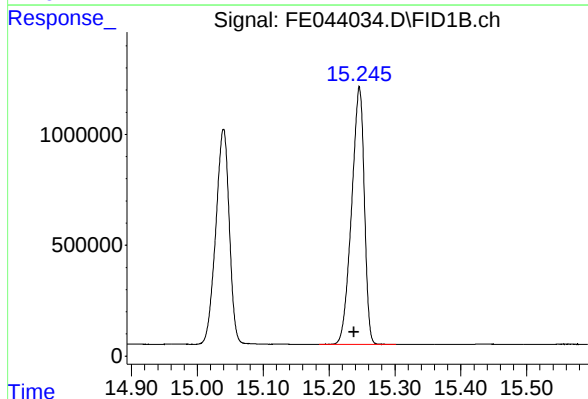
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: 0.006 min
Response: 13852492
Conc: 96.12 ug/ml

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100 TRPH STD

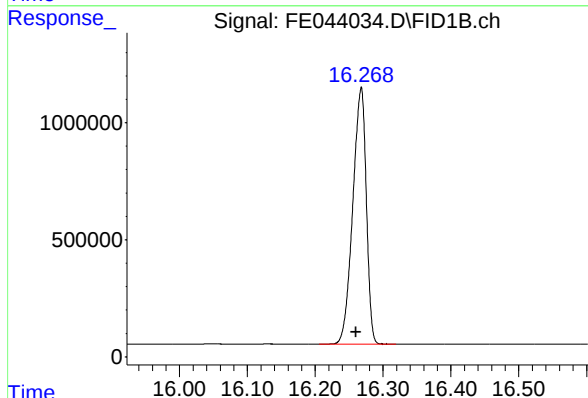
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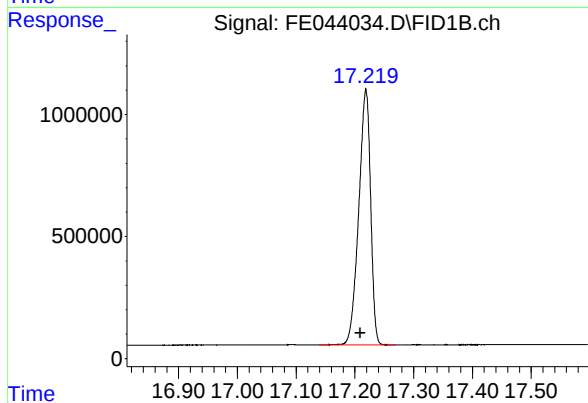
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: 0.008 min
Response: 15586596
Conc: 96.16 ug/ml



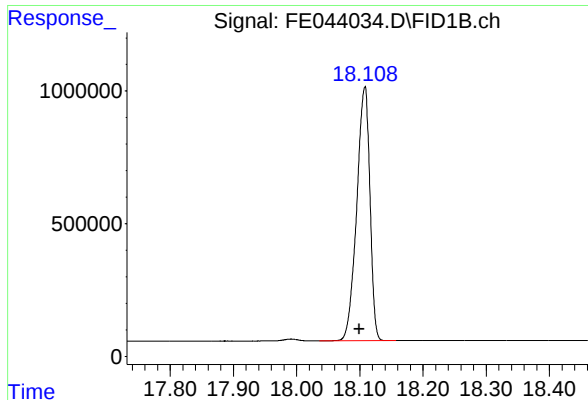
#11 N-HEXACOSANE

R.T.: 16.268 min
Delta R.T.: 0.008 min
Response: 15147017
Conc: 96.17 ug/ml



#12 N-OCTACOSANE

R.T.: 17.219 min
Delta R.T.: 0.009 min
Response: 14669571
Conc: 96.28 ug/ml



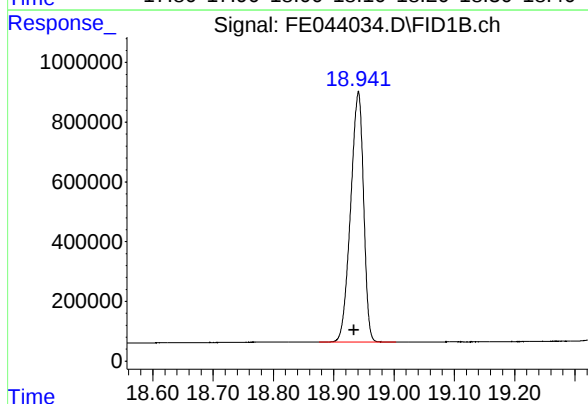
#13 N-TRIACONTANE

R.T.: 18.108 min
Delta R.T.: 0.008 min
Response: 13883074
Conc: 95.85 ug/ml

Instrument :
FID_E
ClientSampleId :
100 TRPH STD

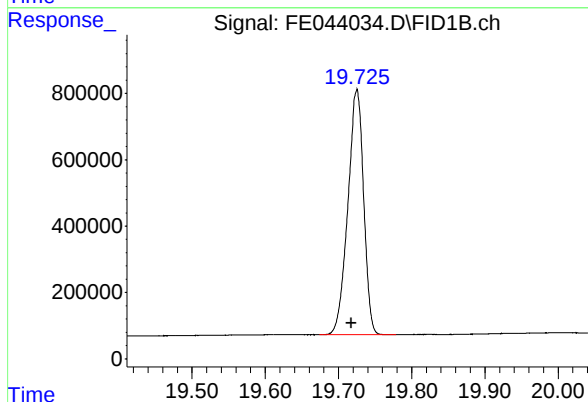
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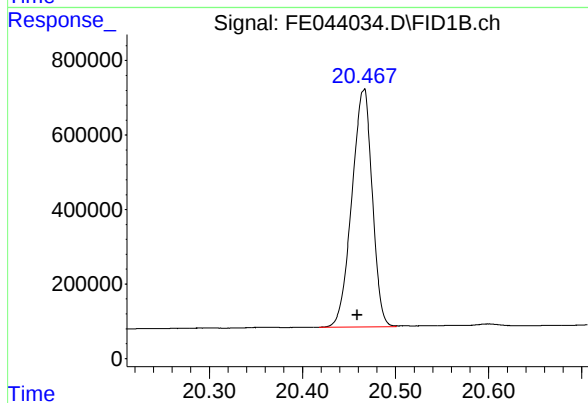
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: 0.008 min
Response: 12515787
Conc: 96.20 ug/ml



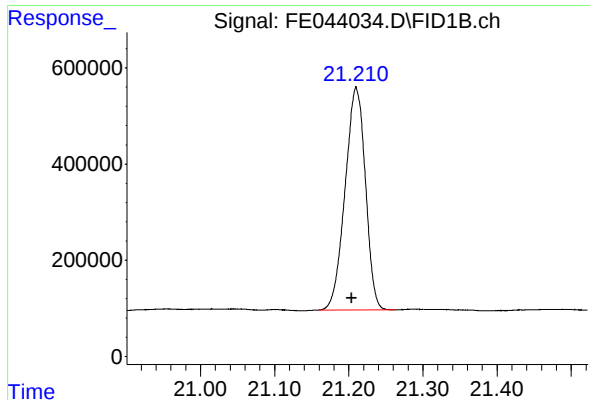
#15 N-TETRATRIACONTANE

R.T.: 19.725 min
Delta R.T.: 0.007 min
Response: 11071701
Conc: 96.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: 0.008 min
Response: 9721681
Conc: 95.96 ug/ml m



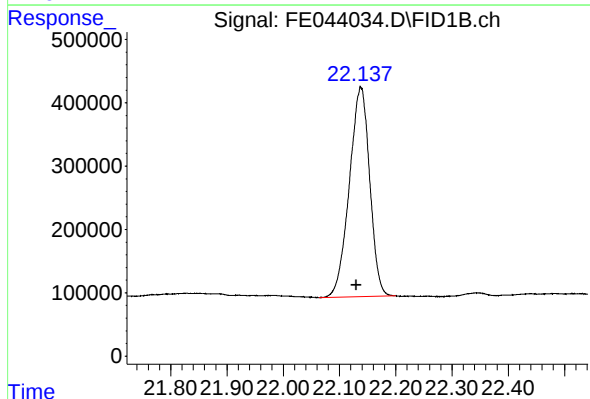
#17 N-OCTATRIACONTANE

R.T.: 21.210 min
Delta R.T.: 0.006 min
Response: 8823589
Conc: 95.30 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.138 min
Delta R.T.: 0.008 min
Response: 8323603
Conc: 92.67 ug/ml