

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035300.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 23:19
 Operator : YP\AJ
 Sample : PB143085BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB143085BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: autoint1.e
 Quant Time: Mar 11 01:06:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Quant Title :
 QLast Update : Wed Mar 09 13:31:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.463	1805118	20.160 ug/ml
Target Compounds			
1) N-OCTANE	2.187	2057746	17.869 ug/ml
2) N-DECANE	4.243	2317127	20.518 ug/ml
3) N-DODECANE	6.253	2242664	20.264 ug/ml
4) N-TETRADECANE	8.040	2344704	20.486 ug/ml
5) N-HEXADECANE	9.635	2280773	20.154 ug/ml
6) N-OCTADECANE	11.070	2259464	19.917 ug/ml
7) N-EICOSANE	12.373	2180014	20.193 ug/ml
8) N-DOCOSANE	13.566	2087554	19.968 ug/ml
10) N-TETRACOSANE	14.664	2040644	20.169 ug/ml
11) N-HEXACOSANE	15.682	2002207	20.535 ug/ml
12) N-OCTACOSANE	16.627	1995802	21.269 ug/ml
13) N-TRIACONTANE	17.512	1994471	22.019 ug/ml
14) N-DOTRIACONTANE	18.339	1892309	21.530 ug/ml
15) N-TETRATRIACONTANE	19.120	1648335	19.235 ug/ml
16) N-HEXATRIACONTANE	19.854	1355101	17.148 ug/mlm
17) N-OCTATRIACONTANE	20.559	1218151	17.137 ug/mlm
18) N-TETRACONTANE	21.382	1149186	16.712 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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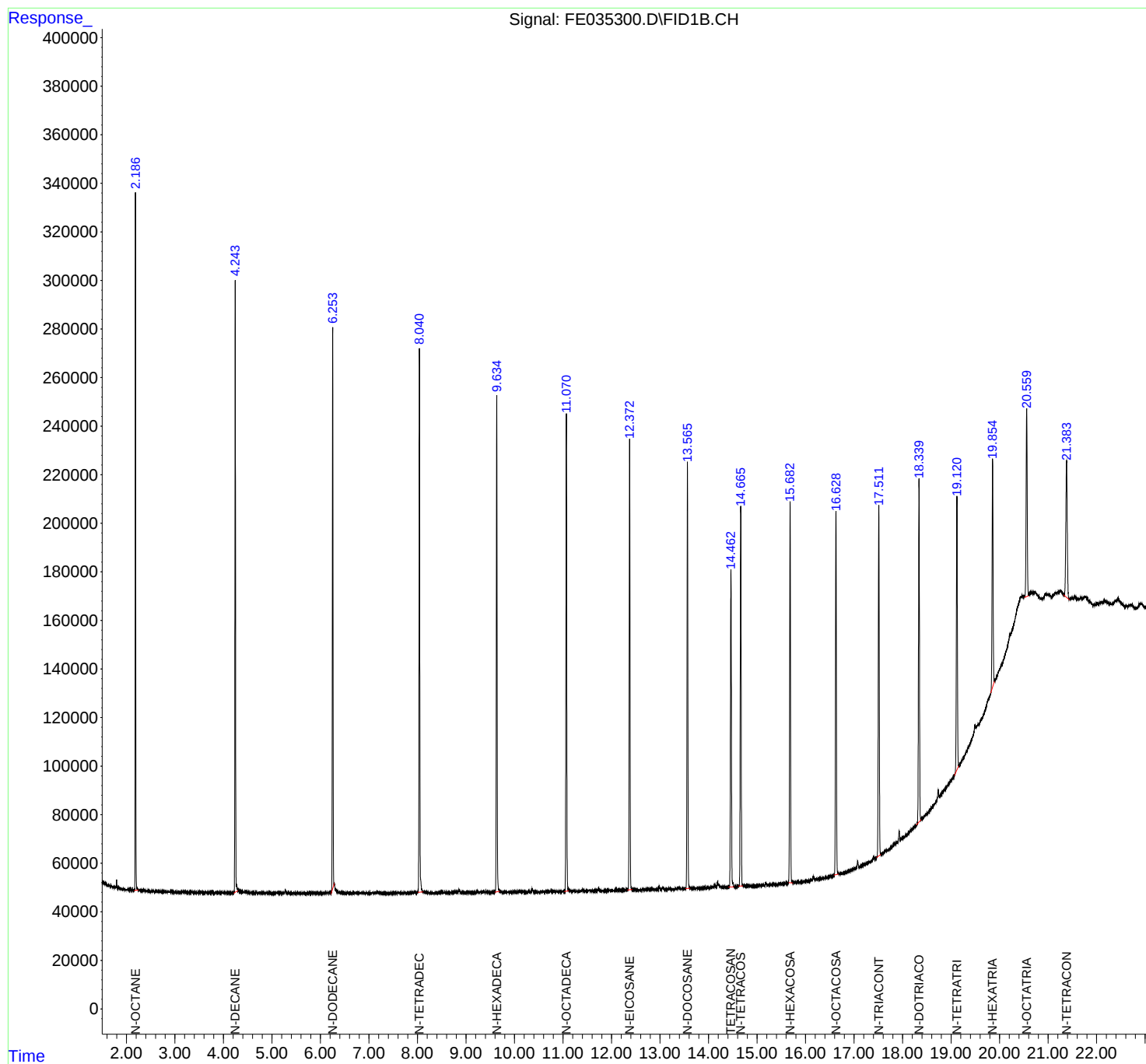
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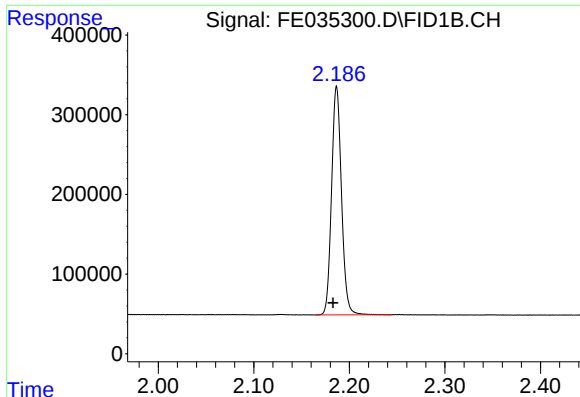
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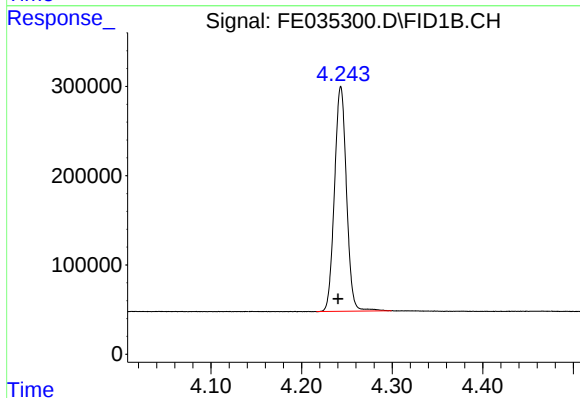
#1 N-OCTANE

R.T.: 2.187 min
Delta R.T.: 0.004 min
Response: 2057746
Conc: 17.87 ug/ml

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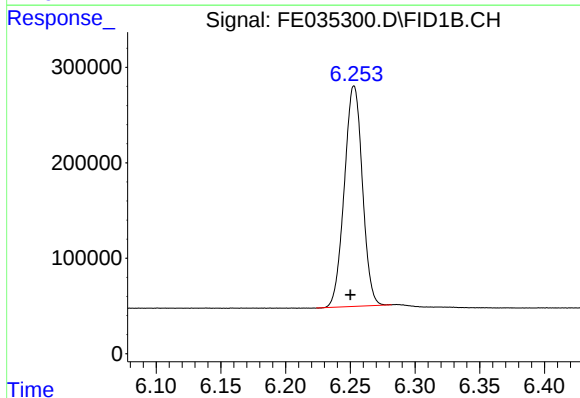
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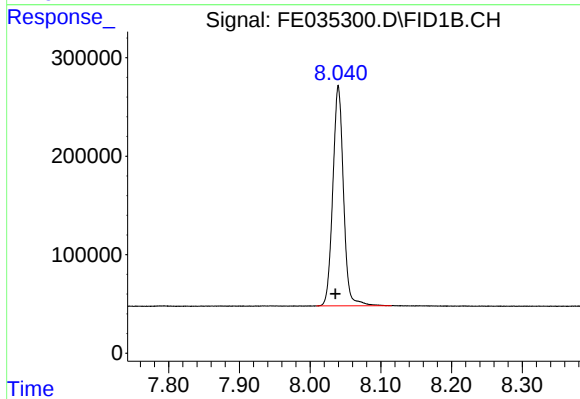
#2 N-DECANE

R.T.: 4.243 min
Delta R.T.: 0.003 min
Response: 2317127
Conc: 20.52 ug/ml



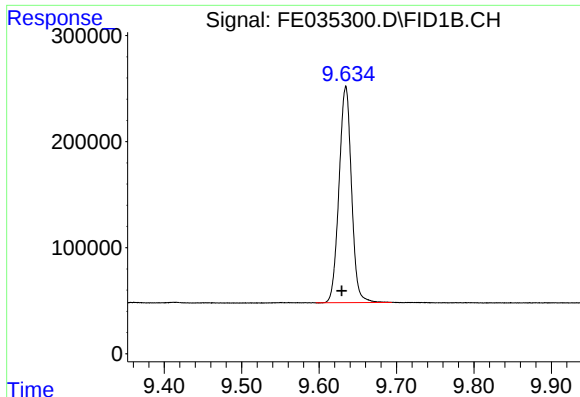
#3 N-DODECANE

R.T.: 6.253 min
Delta R.T.: 0.003 min
Response: 2242664
Conc: 20.26 ug/ml



#4 N-TETRADECANE

R.T.: 8.040 min
Delta R.T.: 0.004 min
Response: 2344704
Conc: 20.49 ug/ml



#5 N-HEXADECANE

R.T.: 9.635 min
Delta R.T.: 0.005 min
Response: 2280773
Conc: 20.15 ug/ml

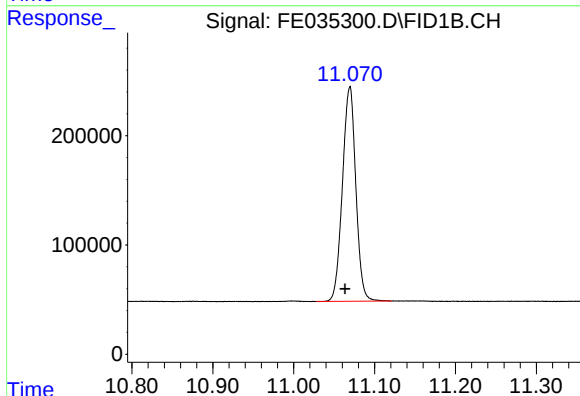
Instrument :

FID_E

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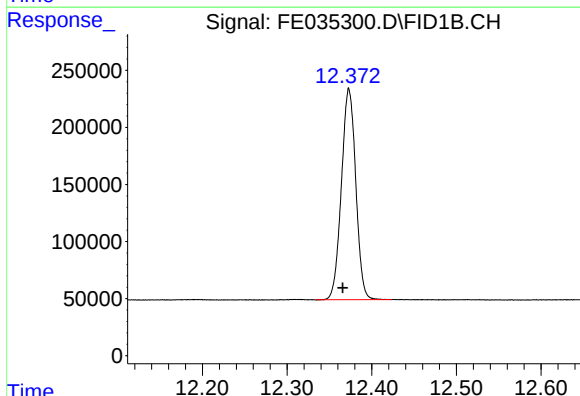
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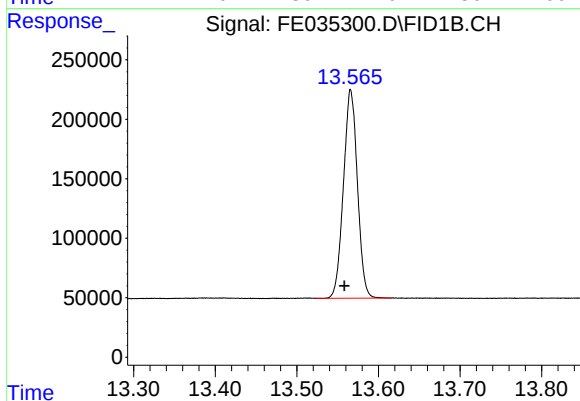
#6 N-OCTADECANE

R.T.: 11.070 min
Delta R.T.: 0.006 min
Response: 2259464
Conc: 19.92 ug/ml



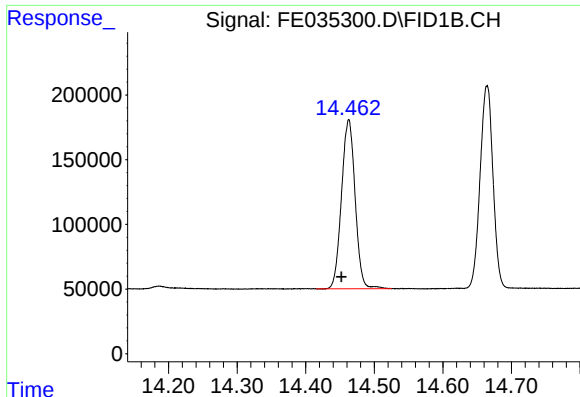
#7 N-EICOSANE

R.T.: 12.373 min
Delta R.T.: 0.007 min
Response: 2180014
Conc: 20.19 ug/ml



#8 N-DOCOSANE

R.T.: 13.566 min
Delta R.T.: 0.008 min
Response: 2087554
Conc: 19.97 ug/ml



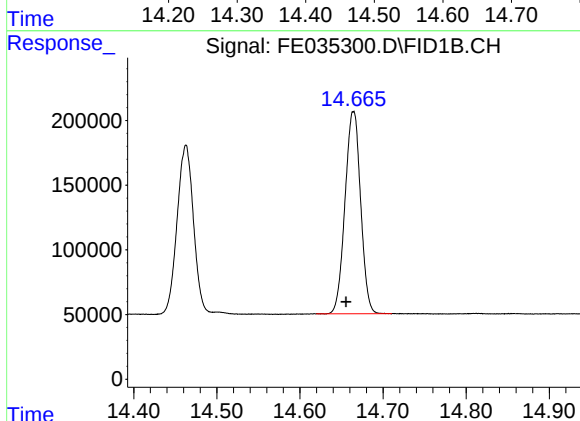
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.463 min
Delta R.T.: 0.011 min
Response: 1805118
Conc: 20.16 ug/ml

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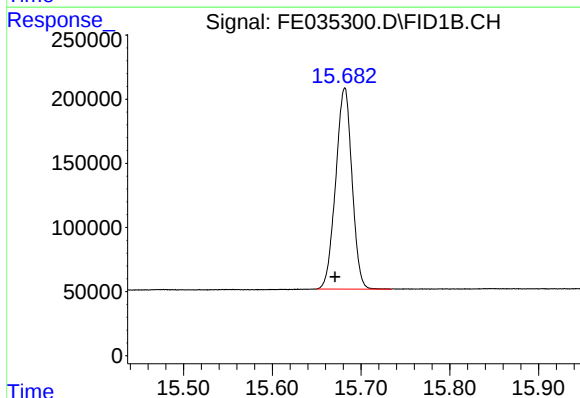
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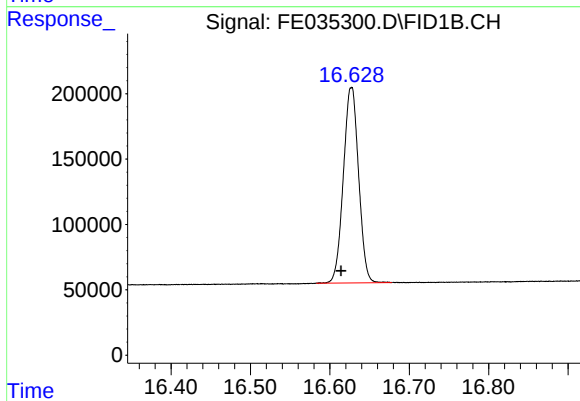
#10 N-TETRACOSANE

R.T.: 14.664 min
Delta R.T.: 0.009 min
Response: 2040644
Conc: 20.17 ug/ml



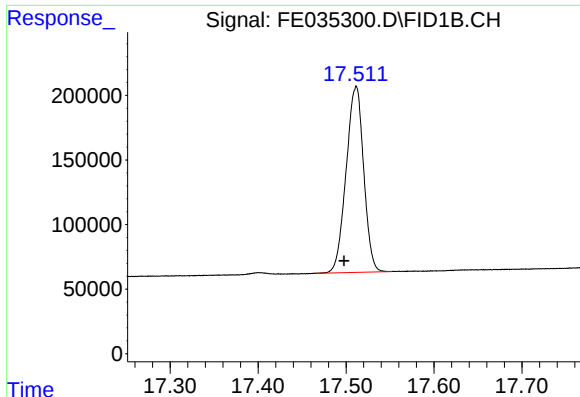
#11 N-HEXACOSANE

R.T.: 15.682 min
Delta R.T.: 0.011 min
Response: 2002207
Conc: 20.54 ug/ml



#12 N-OCTACOSANE

R.T.: 16.627 min
Delta R.T.: 0.013 min
Response: 1995802
Conc: 21.27 ug/ml



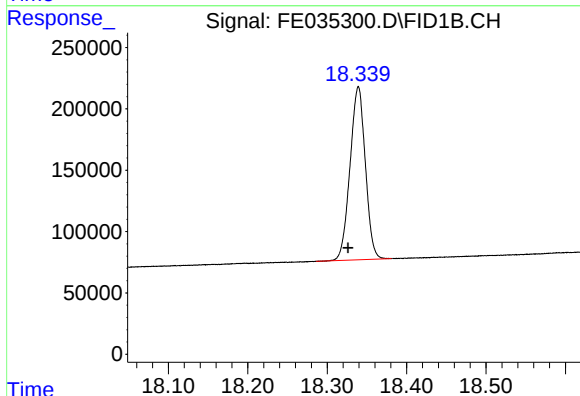
#13 N-TRIACONTANE

R.T.: 17.512 min
Delta R.T.: 0.014 min
Response: 1994471
Conc: 22.02 ug/ml

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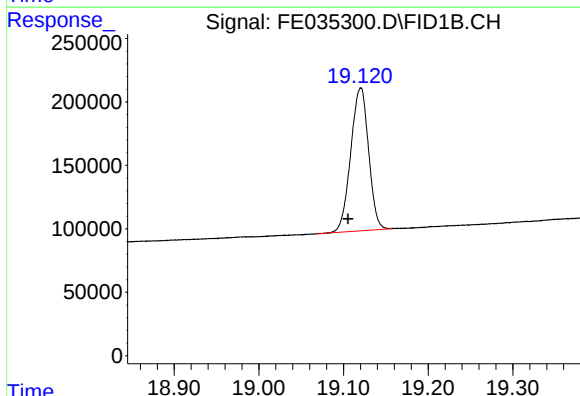
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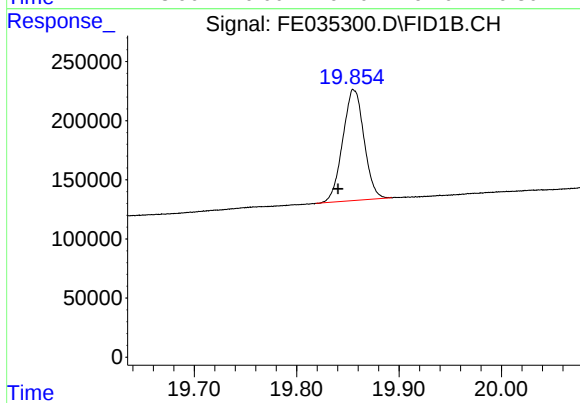
#14 N-DOTRIACONTANE

R.T.: 18.339 min
Delta R.T.: 0.013 min
Response: 1892309
Conc: 21.53 ug/ml



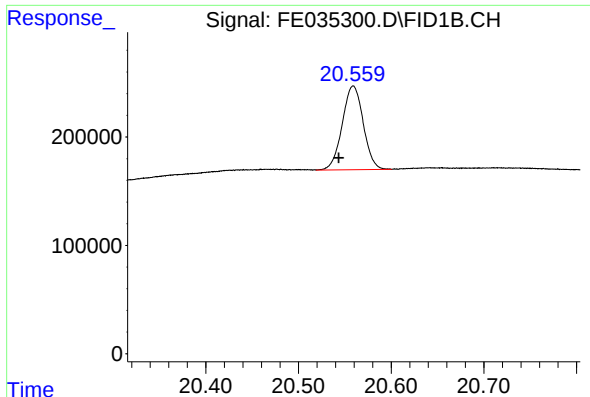
#15 N-TETRATRIACONTANE

R.T.: 19.120 min
Delta R.T.: 0.015 min
Response: 1648335
Conc: 19.24 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.854 min
Delta R.T.: 0.014 min
Response: 1355101
Conc: 17.15 ug/ml m



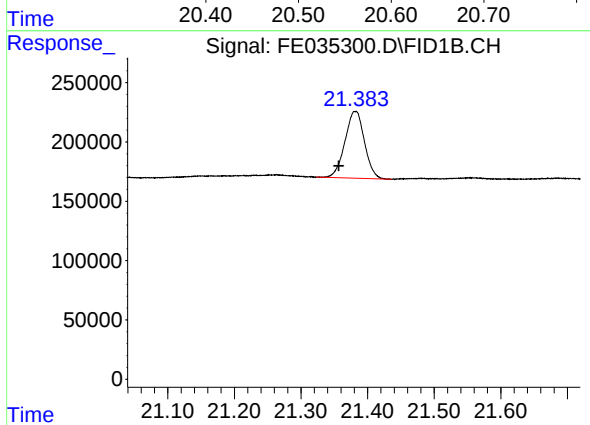
#17 N-OCTATRIACONTANE

R.T.: 20.559 min
Delta R.T.: 0.015 min
Response: 1218151
Conc: 17.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.382 min
Delta R.T.: 0.025 min
Response: 1149186
Conc: 16.71 ug/ml