

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035290.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 13:58
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Mar 10 16:06:27 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...	14.471	3998854	44.659 ug/ml
Target Compounds			
1) N-OCTANE	2.187	5451866	47.343 ug/ml
2) N-DECANE	4.248	5448547	48.246 ug/ml
3) N-DODECANE	6.259	5205847	47.038 ug/ml
4) N-TETRADECANE	8.047	5306210	46.361 ug/ml
5) N-HEXADECANE	9.641	5143383	45.450 ug/ml
6) N-OCTADECANE	11.078	5088057	44.851 ug/ml
7) N-EICOSANE	12.382	4787373	44.343 ug/ml
8) N-DOCOSANE	13.575	4621428	44.205 ug/ml
10) N-TETRACOSANE	14.674	4501650	44.494 ug/ml
11) N-HEXACOSANE	15.691	4427287	45.408 ug/ml
12) N-OCTACOSANE	16.637	4380128	46.678 ug/ml
13) N-TRIACONTANE	17.521	4365540	48.196 ug/ml
14) N-DOTRIACONTANE	18.350	4288661	48.794 ug/mlm
15) N-TETRATRIACONTANE	19.129	4041298	47.160 ug/mlm
16) N-HEXATRIACONTANE	19.866	3551120	44.936 ug/mlm
17) N-OCTATRIACONTANE	20.570	2981509	41.943 ug/mlm
18) N-TETRACONTANE	21.393	2823416	41.058 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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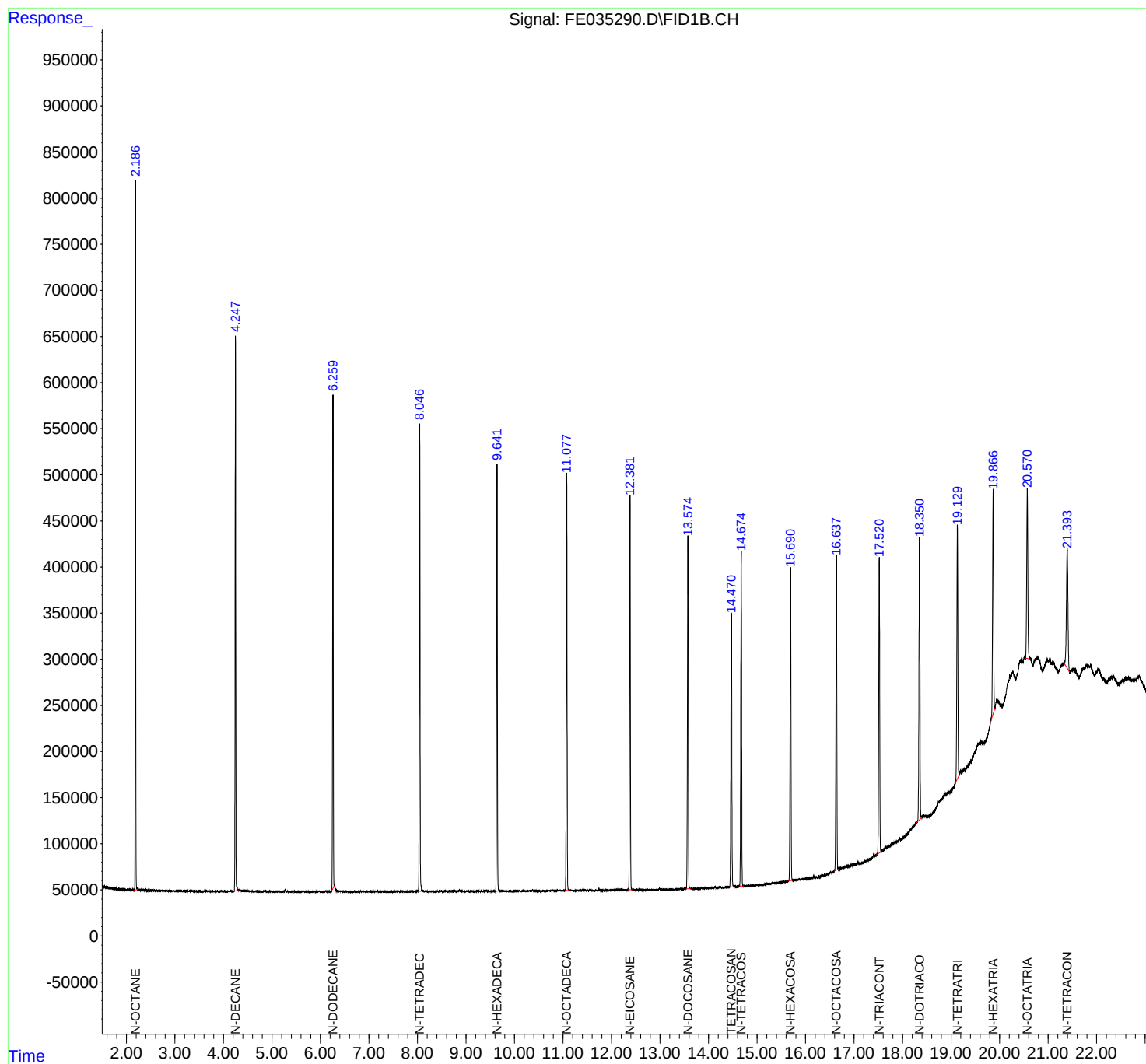
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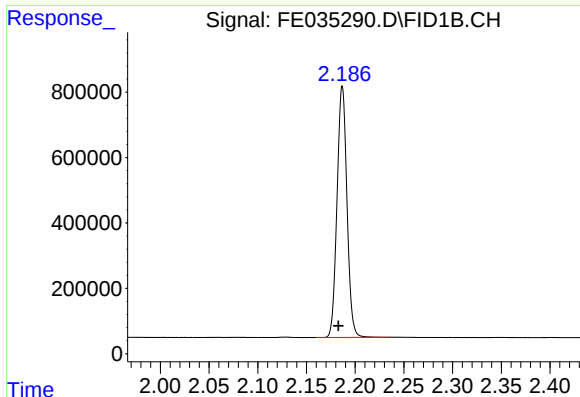
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.187 min
Delta R.T.: 0.004 min
Response: 5451866
Conc: 47.34 ug/ml

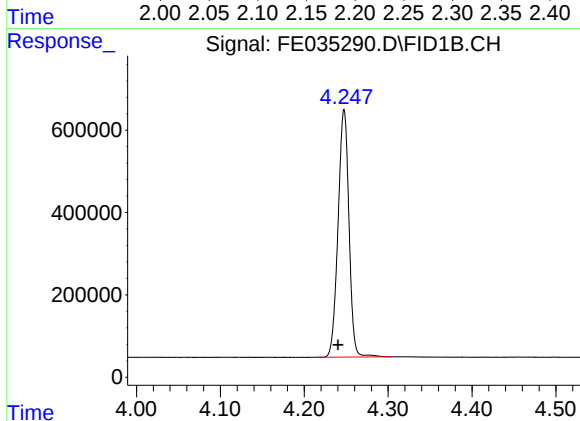
Instrument :

FID_E

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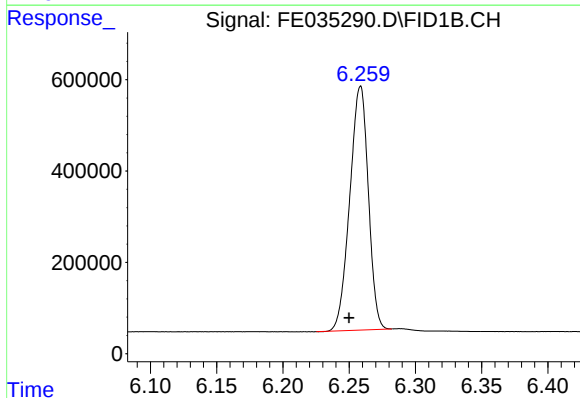
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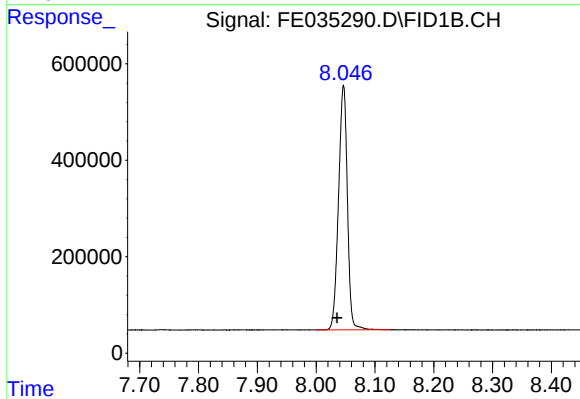
#2 N-DECANE

R.T.: 4.248 min
Delta R.T.: 0.007 min
Response: 5448547
Conc: 48.25 ug/ml



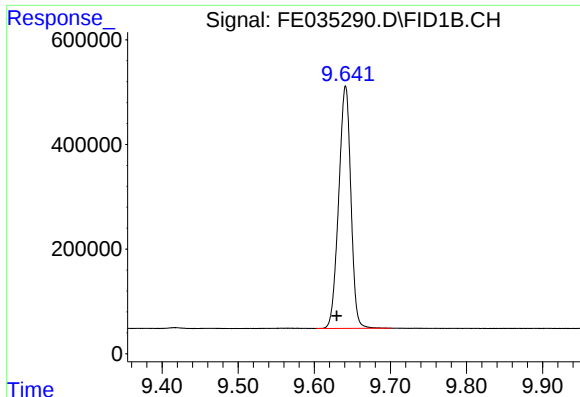
#3 N-DODECANE

R.T.: 6.259 min
Delta R.T.: 0.009 min
Response: 5205847
Conc: 47.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.047 min
Delta R.T.: 0.011 min
Response: 5306210
Conc: 46.36 ug/ml



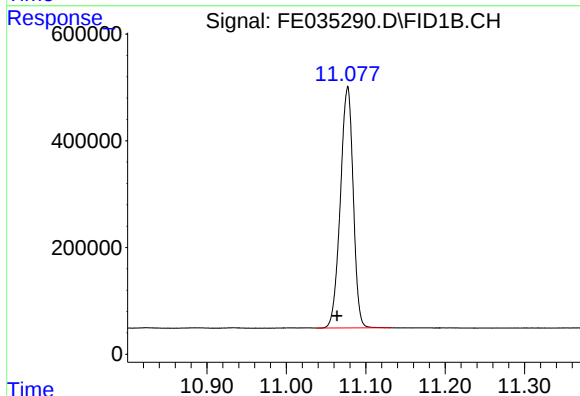
#5 N-HEXADECANE

R.T.: 9.641 min
Delta R.T.: 0.012 min
Response: 5143383
Conc: 45.45 ug/ml

Instrument :
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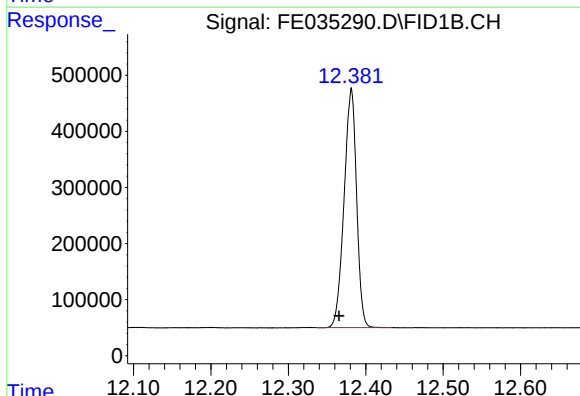
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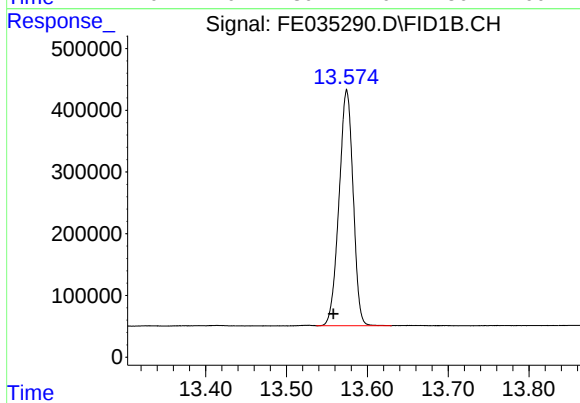
#6 N-OCTADECANE

R.T.: 11.078 min
Delta R.T.: 0.014 min
Response: 5088057
Conc: 44.85 ug/ml



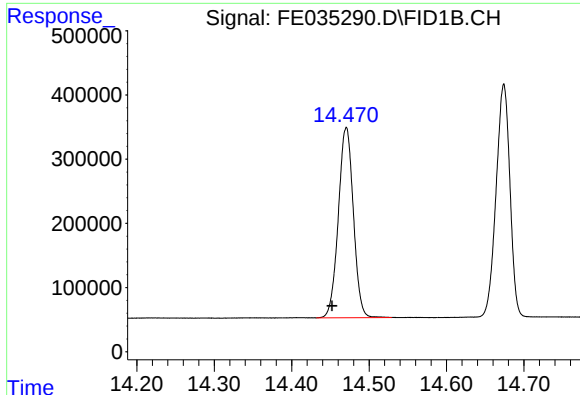
#7 N-EICOSANE

R.T.: 12.382 min
Delta R.T.: 0.016 min
Response: 4787373
Conc: 44.34 ug/ml



#8 N-DOCOSANE

R.T.: 13.575 min
Delta R.T.: 0.016 min
Response: 4621428
Conc: 44.21 ug/ml



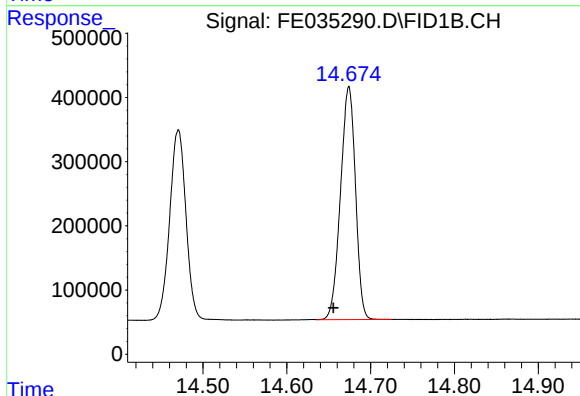
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.471 min
Delta R.T.: 0.019 min
Response: 3998854
Conc: 44.66 ug/ml

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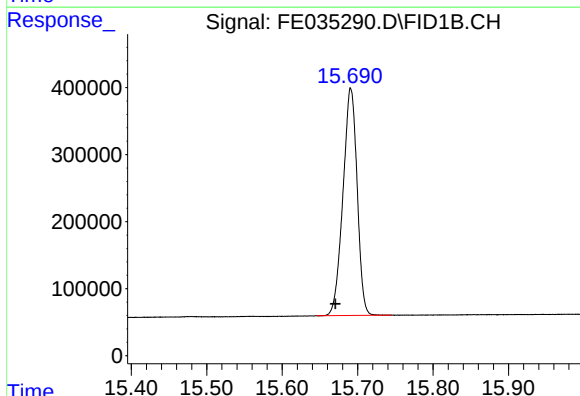
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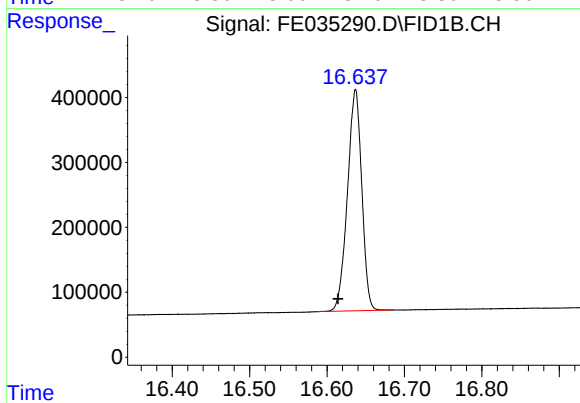
#10 N-TETRACOSANE

R.T.: 14.674 min
Delta R.T.: 0.018 min
Response: 4501650
Conc: 44.49 ug/ml



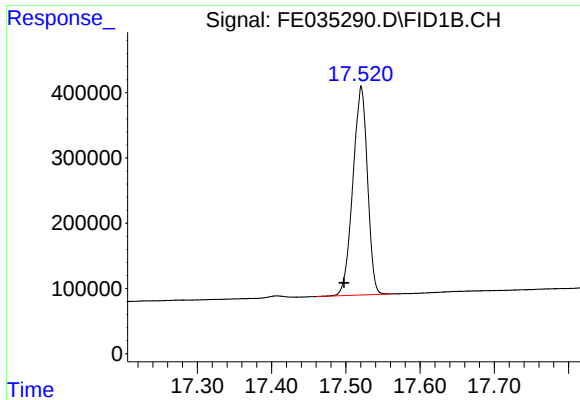
#11 N-HEXACOSANE

R.T.: 15.691 min
Delta R.T.: 0.020 min
Response: 4427287
Conc: 45.41 ug/ml



#12 N-OCTACOSANE

R.T.: 16.637 min
Delta R.T.: 0.023 min
Response: 4380128
Conc: 46.68 ug/ml



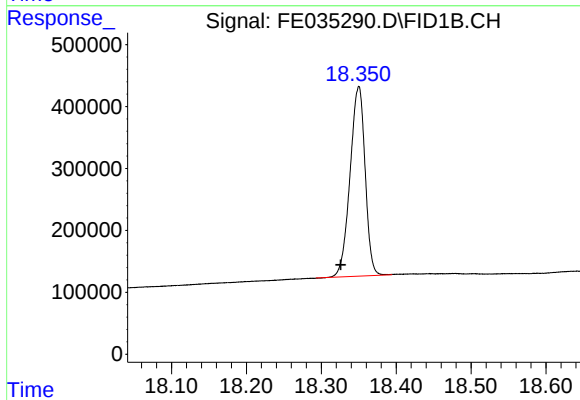
#13 N-TRIACONTANE

R.T.: 17.521 min
Delta R.T.: 0.023 min
Response: 4365540
Conc: 48.20 ug/ml

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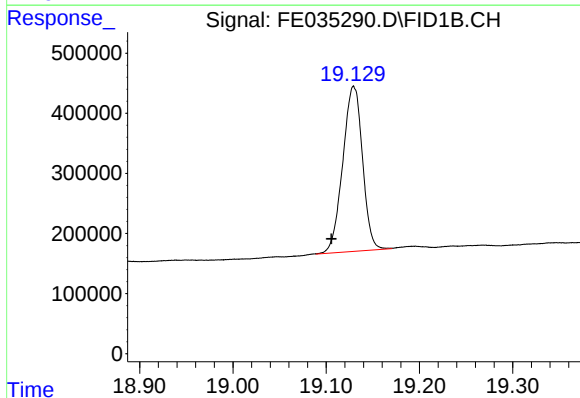
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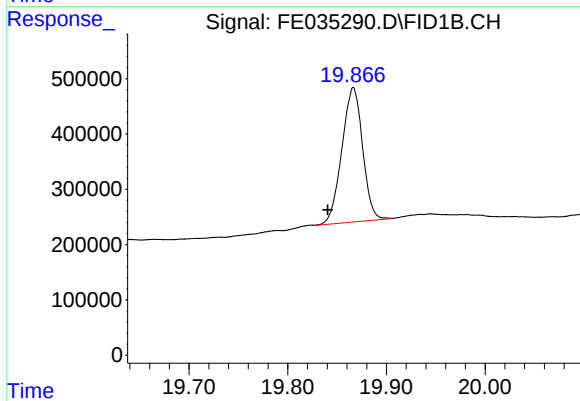
#14 N-DOTRIACONTANE

R.T.: 18.350 min
Delta R.T.: 0.024 min
Response: 4288661
Conc: 48.79 ug/ml m



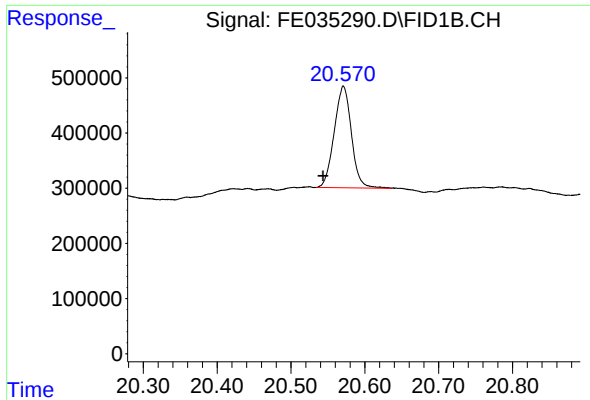
#15 N-TETRATRIACONTANE

R.T.: 19.129 min
Delta R.T.: 0.024 min
Response: 4041298
Conc: 47.16 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.866 min
Delta R.T.: 0.026 min
Response: 3551120
Conc: 44.94 ug/ml m



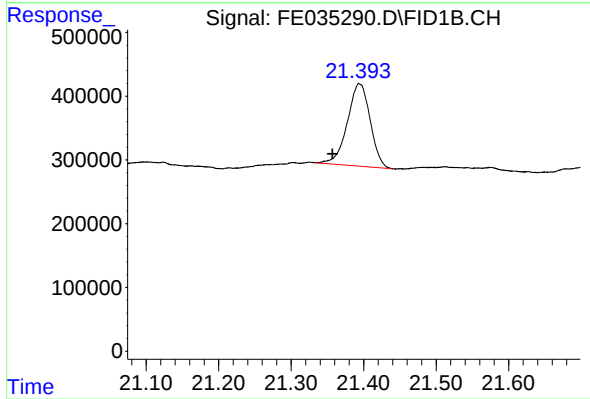
#17 N-OCTATRIACONTANE

R.T.: 20.570 min
Delta R.T.: 0.027 min
Response: 2981509
Conc: 41.94 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.393 min
Delta R.T.: 0.036 min
Response: 2823416
Conc: 41.06 ug/ml m