

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035298.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 20:38
 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 11 01:05:41 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...	14.469	4067990	45.431 ug/ml
Target Compounds			
1) N-OCTANE	2.186	5555890	48.246 ug/ml
2) N-DECANE	4.247	5552455	49.166 ug/ml
3) N-DODECANE	6.258	5295795	47.851 ug/ml
4) N-TETRADECANE	8.046	5372563	46.940 ug/ml
5) N-HEXADECANE	9.640	5195381	45.910 ug/ml
6) N-OCTADECANE	11.076	5132220	45.241 ug/ml
7) N-EICOSANE	12.381	4839391	44.825 ug/ml
8) N-DOCOSANE	13.574	4668224	44.653 ug/ml
10) N-TETRACOSANE	14.672	4556791	45.039 ug/ml
11) N-HEXACOSANE	15.688	4490818	46.060 ug/ml
12) N-OCTACOSANE	16.635	4453576	47.461 ug/ml
13) N-TRIACONTANE	17.518	4416888	48.763 ug/ml
14) N-DOTRIACONTANE	18.348	4319856	49.149 ug/ml
15) N-TETRATRIACONTANE	19.128	4027957	47.005 ug/ml
16) N-HEXATRIACONTANE	19.863	3667901	46.414 ug/mlm
17) N-OCTATRIACONTANE	20.566	3023011	42.527 ug/mlm
18) N-TETRACONTANE	21.391	2735407	39.778 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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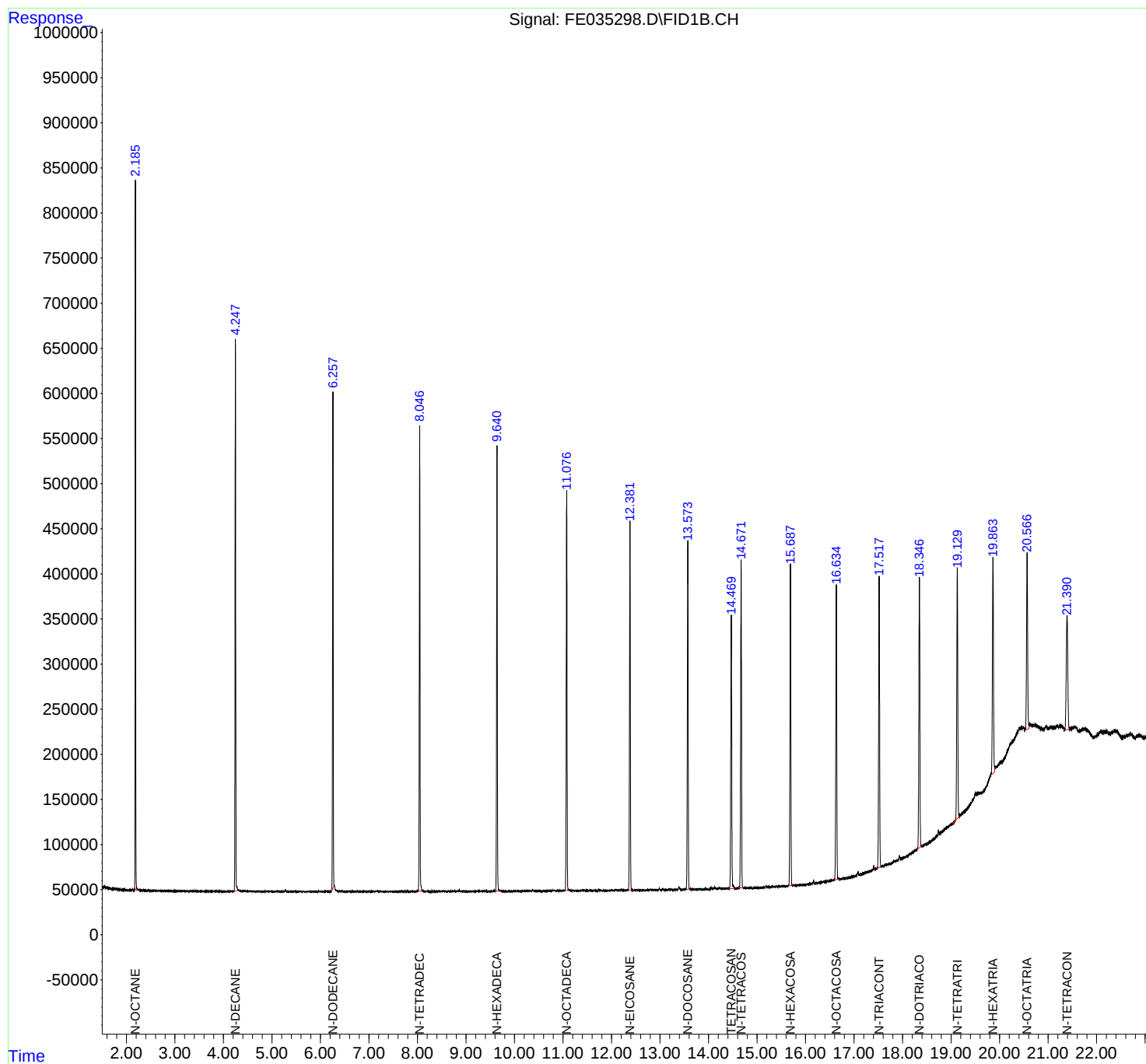
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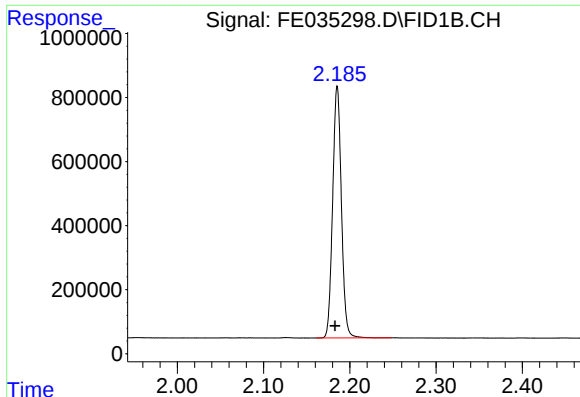
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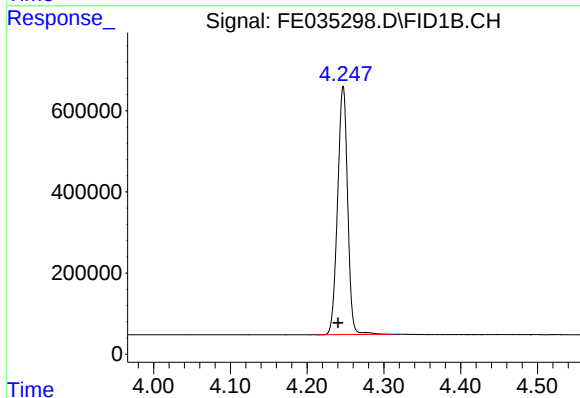
#1 N-OCTANE

R.T.: 2.186 min
Delta R.T.: 0.003 min
Response: 5555890
Conc: 48.25 ug/ml

Instrument :
FID_E
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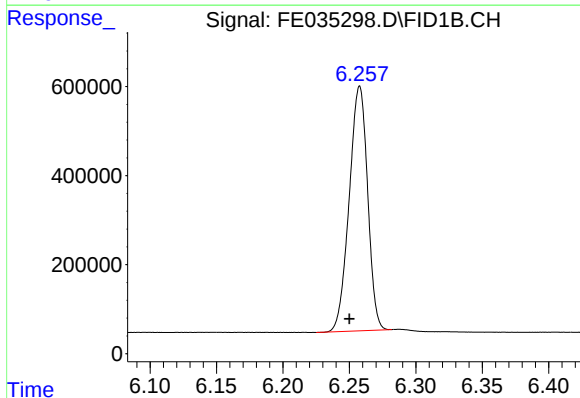
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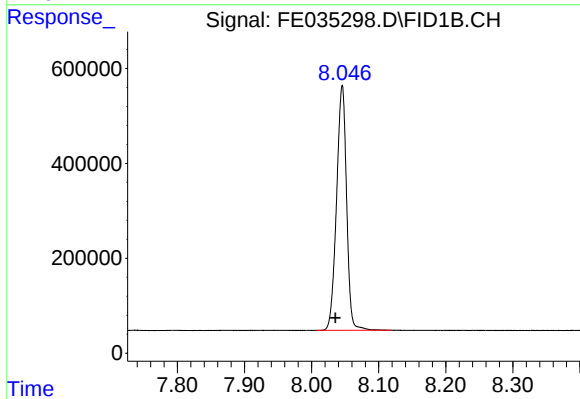
#2 N-DECANE

R.T.: 4.247 min
Delta R.T.: 0.007 min
Response: 5552455
Conc: 49.17 ug/ml



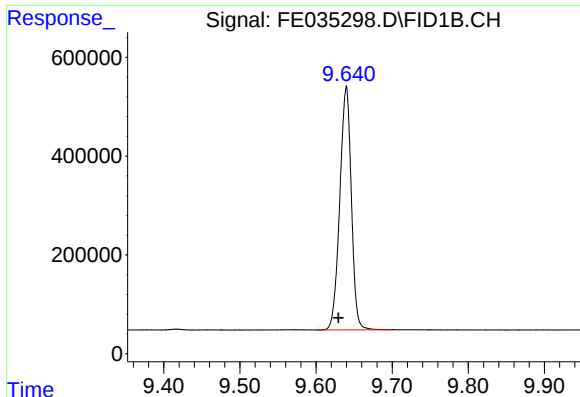
#3 N-DODECANE

R.T.: 6.258 min
Delta R.T.: 0.008 min
Response: 5295795
Conc: 47.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.046 min
Delta R.T.: 0.010 min
Response: 5372563
Conc: 46.94 ug/ml



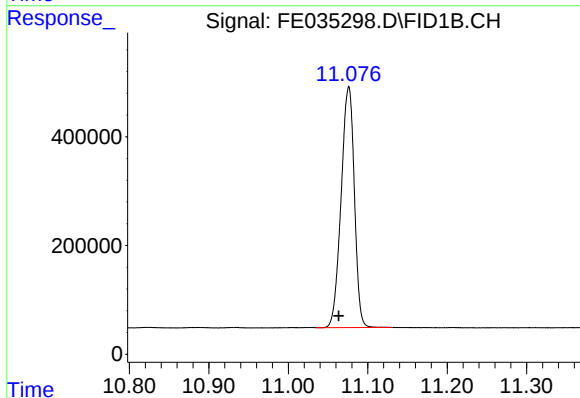
#5 N-HEXADECANE

R.T.: 9.640 min
Delta R.T.: 0.011 min
Response: 5195381
Conc: 45.91 ug/ml

Instrument :
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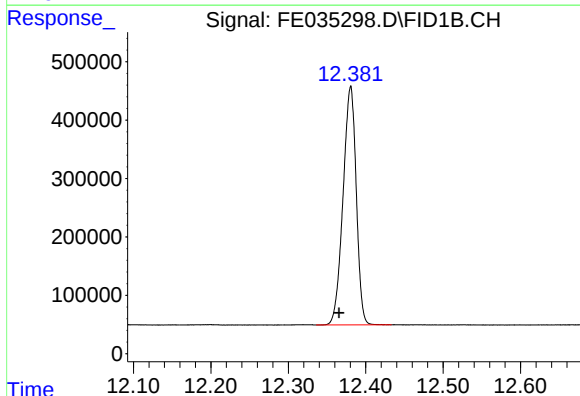
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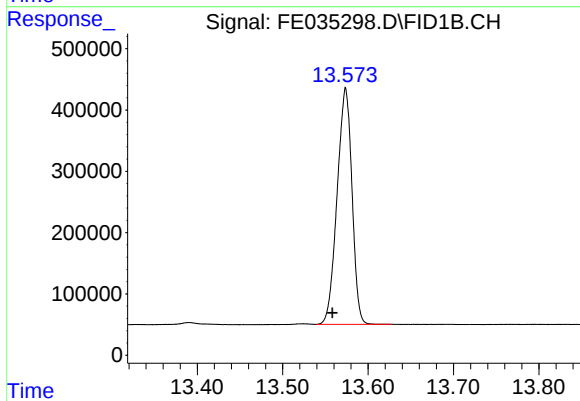
#6 N-OCTADECANE

R.T.: 11.076 min
Delta R.T.: 0.013 min
Response: 5132220
Conc: 45.24 ug/ml



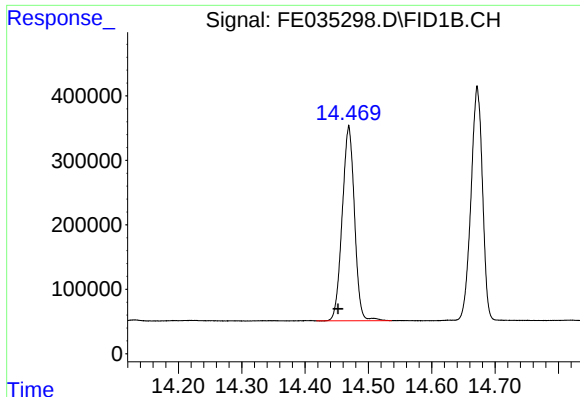
#7 N-EICOSANE

R.T.: 12.381 min
Delta R.T.: 0.015 min
Response: 4839391
Conc: 44.83 ug/ml



#8 N-DOCOSANE

R.T.: 13.574 min
Delta R.T.: 0.016 min
Response: 4668224
Conc: 44.65 ug/ml



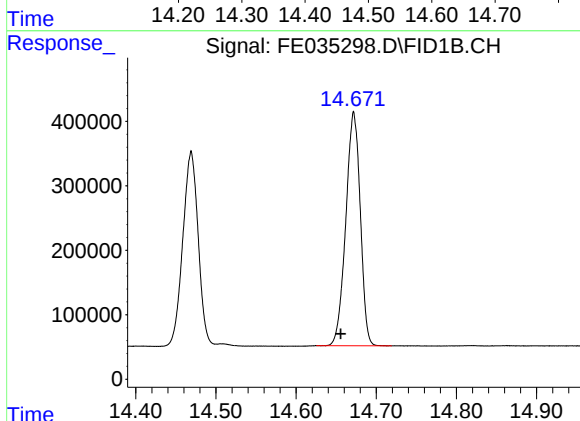
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.469 min
Delta R.T.: 0.017 min
Response: 4067990
Conc: 45.43 ug/ml

Instrument :
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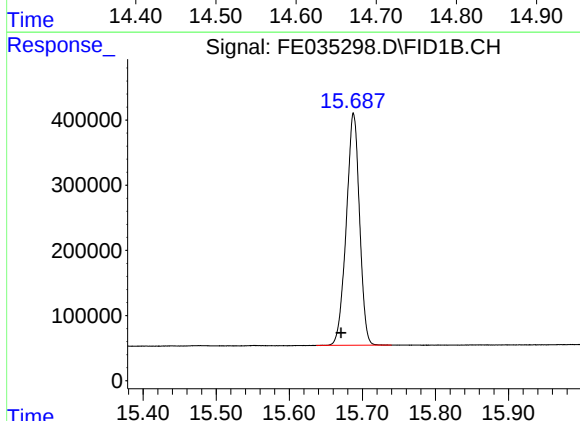
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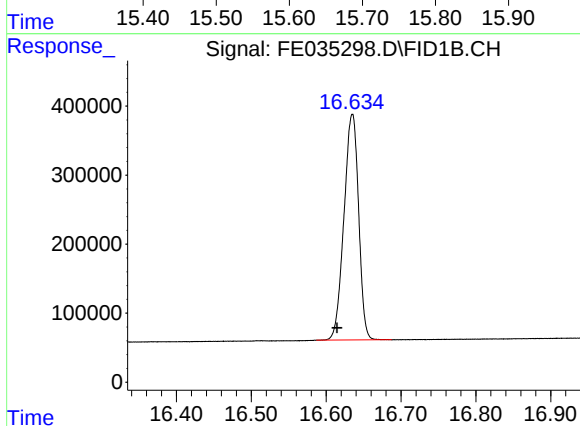
#10 N-TETRACOSANE

R.T.: 14.672 min
Delta R.T.: 0.016 min
Response: 4556791
Conc: 45.04 ug/ml



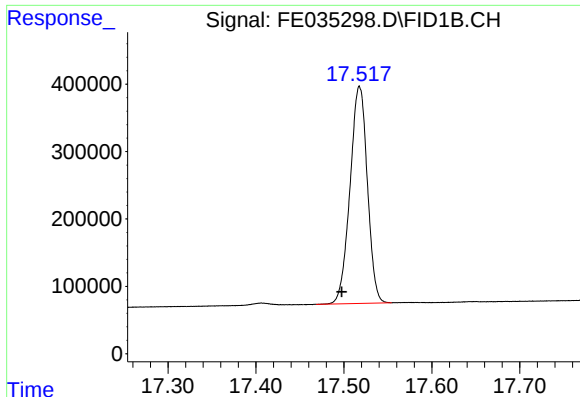
#11 N-HEXACOSANE

R.T.: 15.688 min
Delta R.T.: 0.017 min
Response: 4490818
Conc: 46.06 ug/ml



#12 N-OCTACOSANE

R.T.: 16.635 min
Delta R.T.: 0.021 min
Response: 4453576
Conc: 47.46 ug/ml



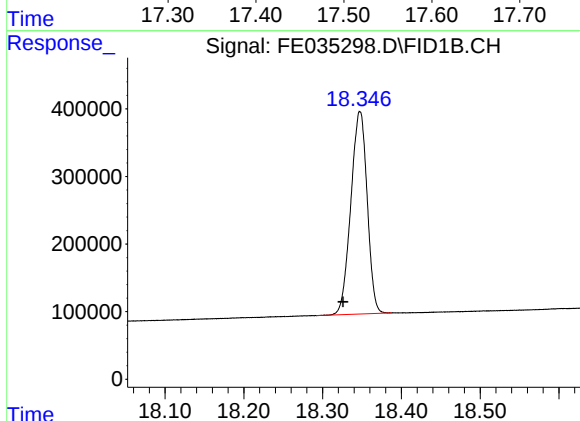
#13 N-TRIACONTANE

R.T.: 17.518 min
Delta R.T.: 0.020 min
Response: 4416888
Conc: 48.76 ug/ml

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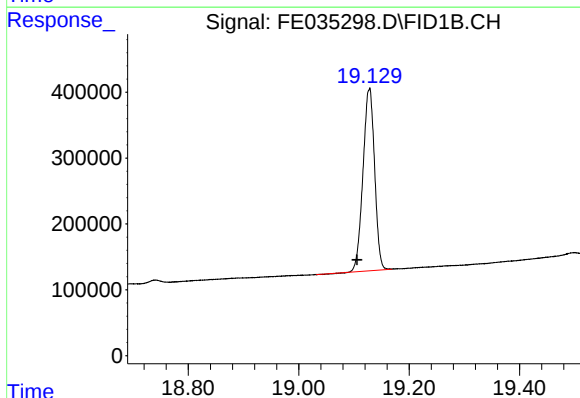
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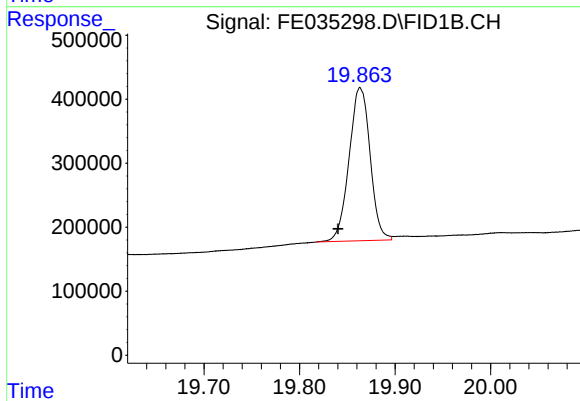
#14 N-DOTRIACONTANE

R.T.: 18.348 min
Delta R.T.: 0.021 min
Response: 4319856
Conc: 49.15 ug/ml



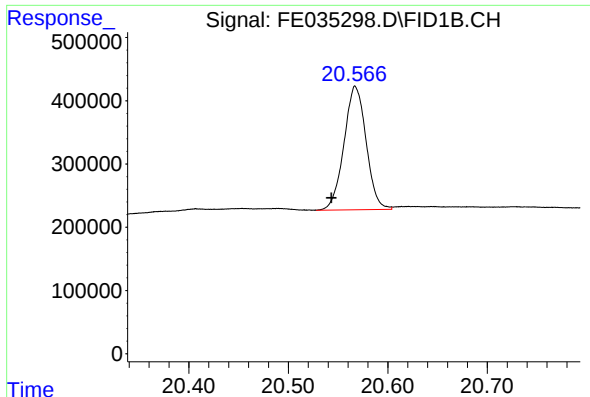
#15 N-TETRATRIACONTANE

R.T.: 19.128 min
Delta R.T.: 0.023 min
Response: 4027957
Conc: 47.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.863 min
Delta R.T.: 0.022 min
Response: 3667901
Conc: 46.41 ug/ml m



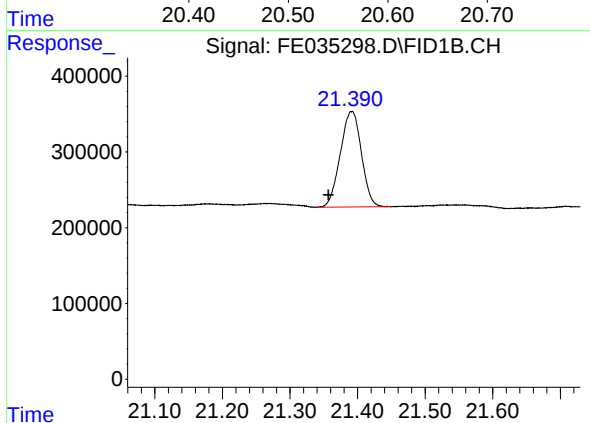
#17 N-OCTATRIACONTANE

R.T.: 20.566 min
Delta R.T.: 0.023 min
Response: 3023011
Conc: 42.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.391 min
Delta R.T.: 0.035 min
Response: 2735407
Conc: 39.78 ug/ml