

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035296.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 17:58
 Operator : YP\AJ
 Sample : N1831-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 AU-06-03072022MSD

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 08:25:20 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...	14.483	1137791	12.707 ug/mlm
Target Compounds			
1) N-OCTANE	2.185	1389102	12.063 ug/ml
2) N-DECANE	4.247	2415610	21.390 ug/ml
3) N-DODECANE	6.260	3394777	30.674 ug/ml
4) N-TETRADECANE	8.048	4047770	35.365 ug/ml
5) N-HEXADECANE	9.643	3658316	32.327 ug/ml
6) N-OCTADECANE	11.079	3253815	28.682 ug/ml
7) N-EICOSANE	12.386	3349891	31.029 ug/ml
8) N-DOCOSANE	13.594	2563949	24.525 ug/mlm
10) N-TETRACOSANE	14.682	3415928	33.763 ug/mlm
11) N-HEXACOSANE	15.698	2186358	22.424 ug/mlm
12) N-OCTACOSANE	16.645	2099565	22.375 ug/mlm
13) N-TRIACONTANE	17.527	2137594	23.599 ug/mlm
14) N-DOTRIACONTANE	18.357	2720194	30.949 ug/ml
15) N-TETRATRIACONTANE	19.139	2167366	25.292 ug/mlm
16) N-HEXATRIACONTANE	19.880	1724275	21.819 ug/mlm
17) N-OCTATRIACONTANE	20.589	1717953	24.168 ug/mlm
18) N-TETRACONTANE	21.421f	1451294	21.105 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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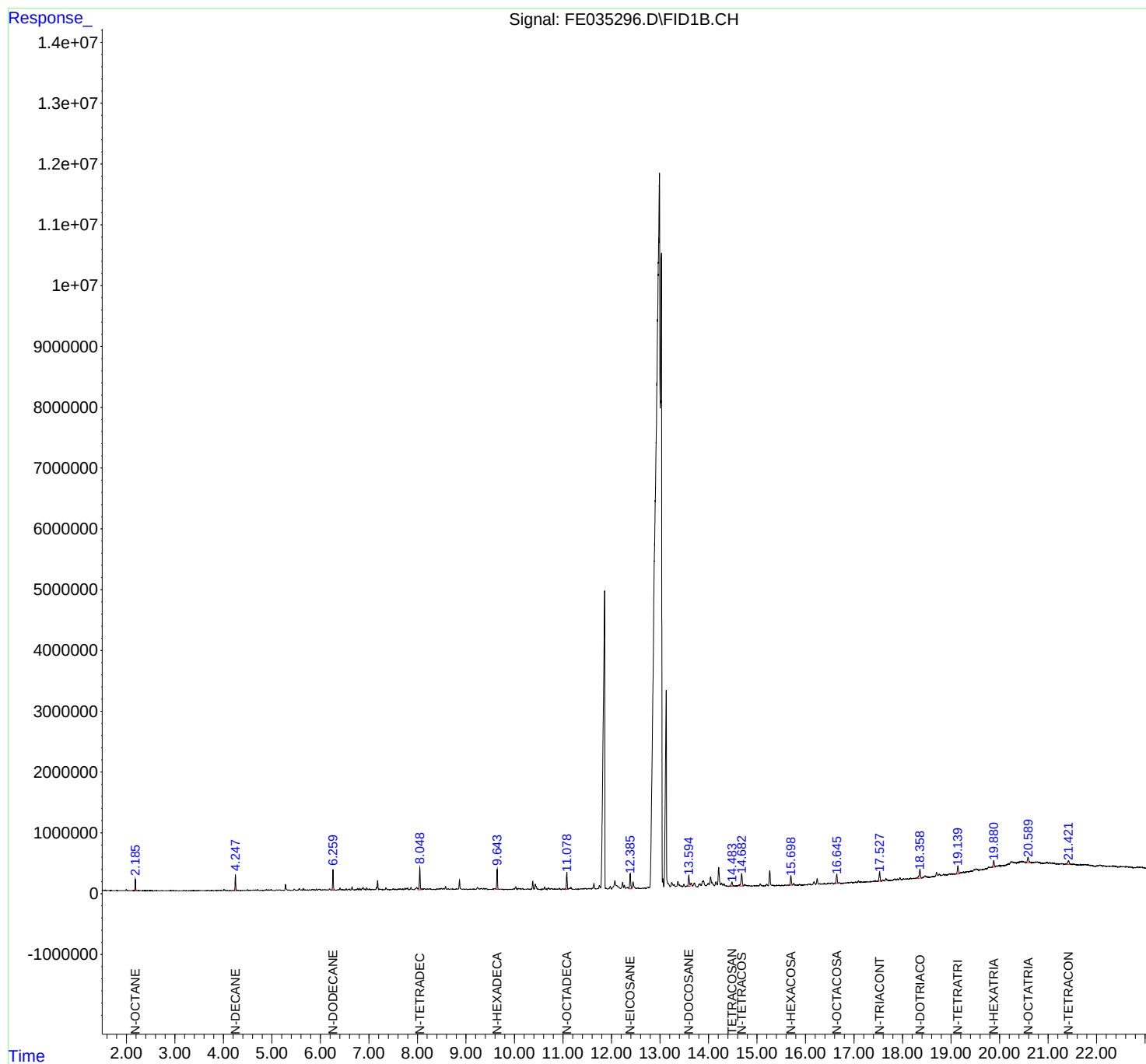
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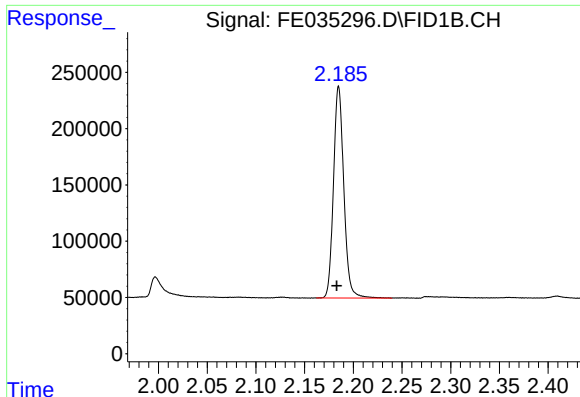
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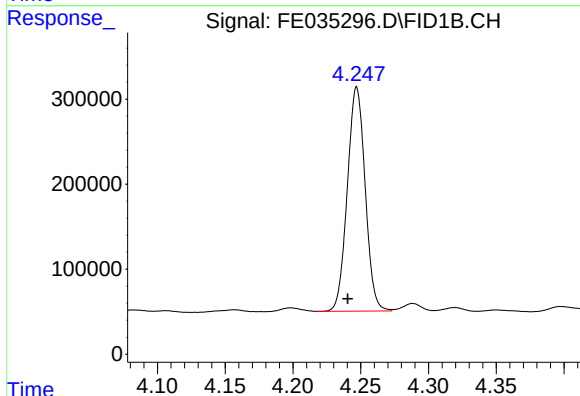
#1 N-OCTANE

R.T.: 2.185 min
Delta R.T.: 0.002 min
Response: 1389102
Conc: 12.06 ug/ml

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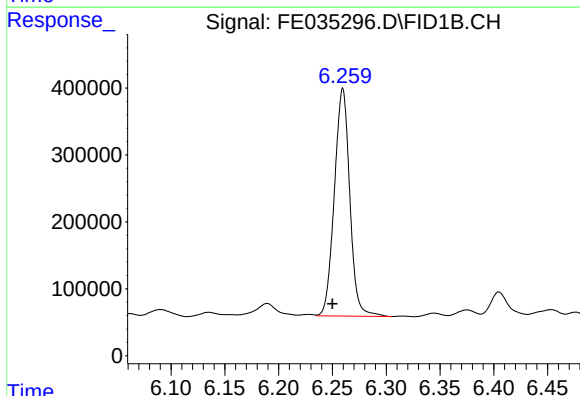
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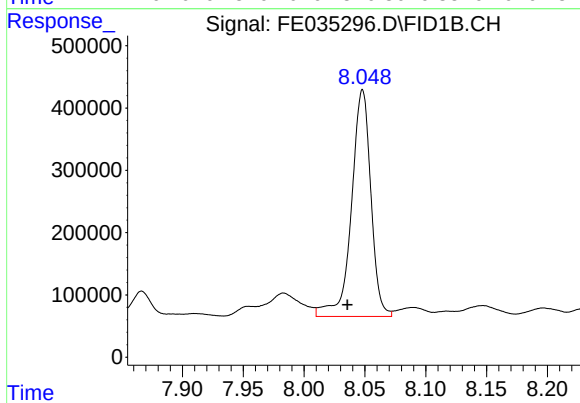
#2 N-DECANE

R.T.: 4.247 min
Delta R.T.: 0.007 min
Response: 2415610
Conc: 21.39 ug/ml



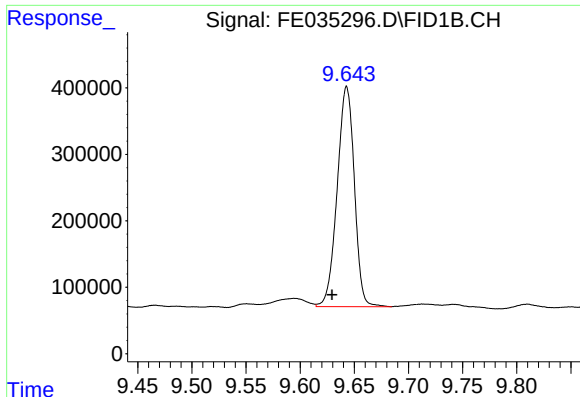
#3 N-DODECANE

R.T.: 6.260 min
Delta R.T.: 0.010 min
Response: 3394777
Conc: 30.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.048 min
Delta R.T.: 0.012 min
Response: 4047770
Conc: 35.37 ug/ml



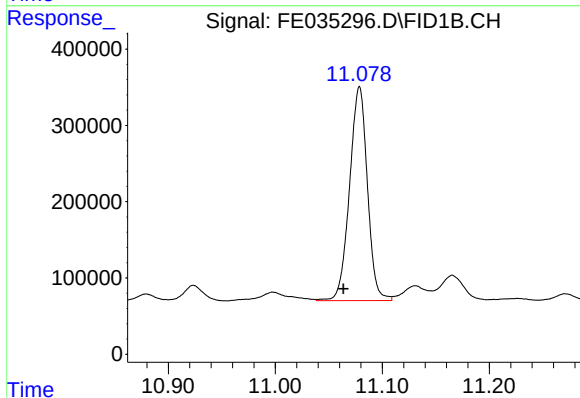
#5 N-HEXADECANE

R.T.: 9.643 min
Delta R.T.: 0.014 min
Response: 3658316
Conc: 32.33 ug/ml

Instrument :
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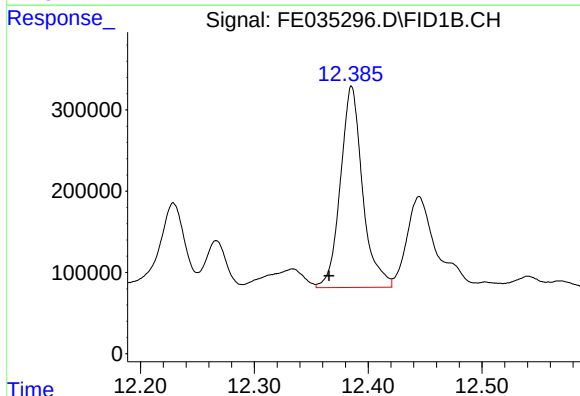
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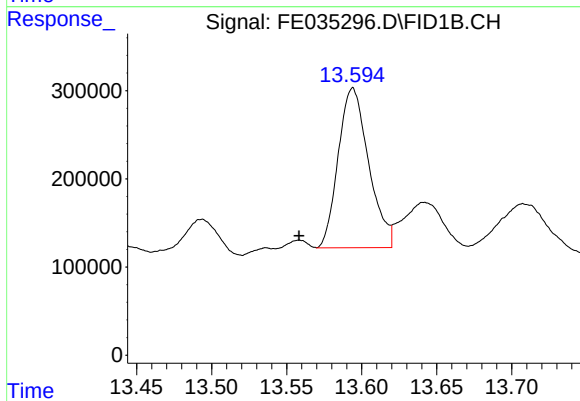
#6 N-OCTADECANE

R.T.: 11.079 min
Delta R.T.: 0.015 min
Response: 3253815
Conc: 28.68 ug/ml



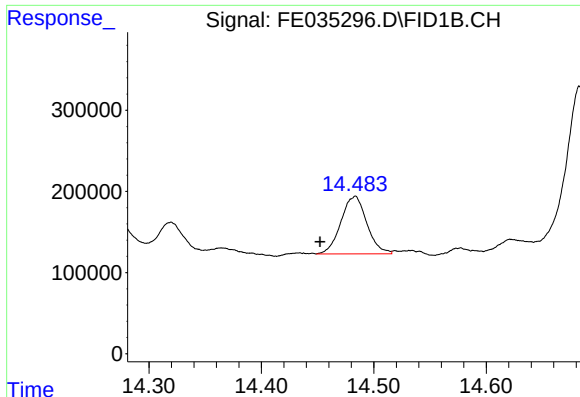
#7 N-EICOSANE

R.T.: 12.386 min
Delta R.T.: 0.020 min
Response: 3349891
Conc: 31.03 ug/ml



#8 N-DOCOSANE

R.T.: 13.594 min
Delta R.T.: 0.036 min
Response: 2563949
Conc: 24.53 ug/ml m



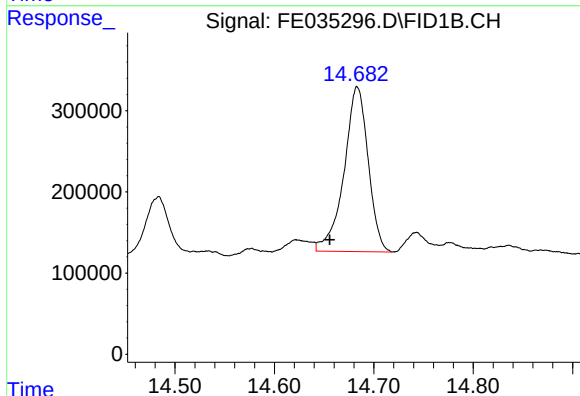
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.483 min
Delta R.T.: 0.031 min
Response: 1137791
Conc: 12.71 ug/ml

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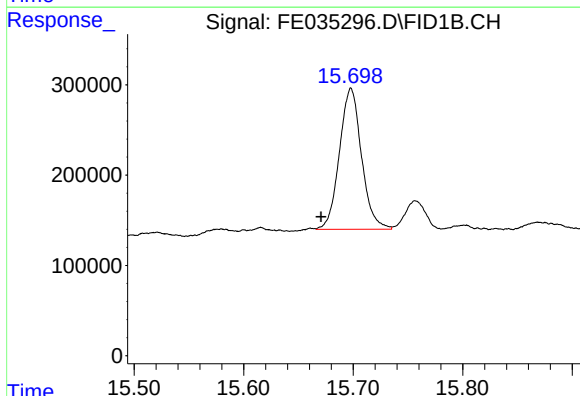
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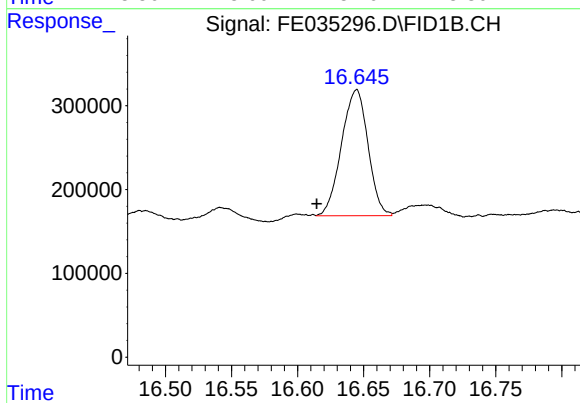
#10 N-TETRACOSANE

R.T.: 14.682 min
Delta R.T.: 0.027 min
Response: 3415928
Conc: 33.76 ug/ml m



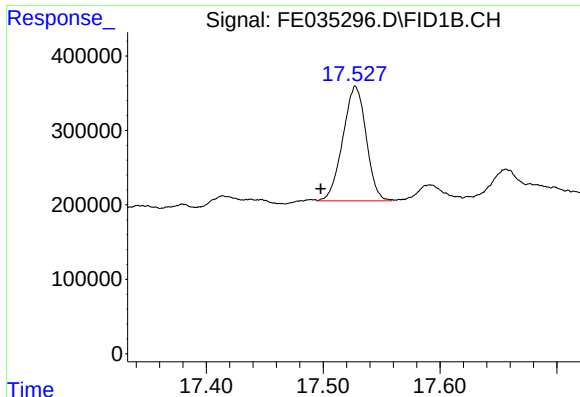
#11 N-HEXACOSANE

R.T.: 15.698 min
Delta R.T.: 0.027 min
Response: 2186358
Conc: 22.42 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.645 min
Delta R.T.: 0.030 min
Response: 2099565
Conc: 22.37 ug/ml m



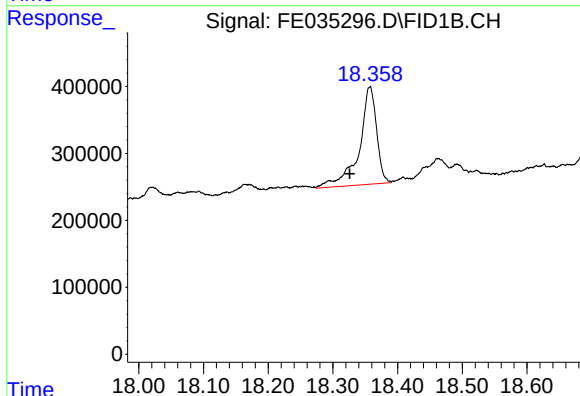
#13 N-TRIACONTANE

R.T.: 17.527 min
Delta R.T.: 0.029 min
Response: 2137594
Conc: 23.60 ug/ml

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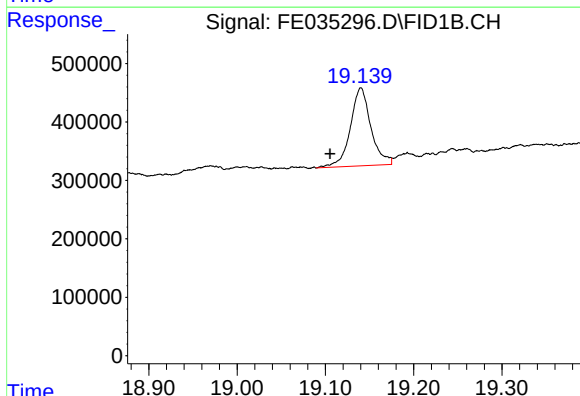
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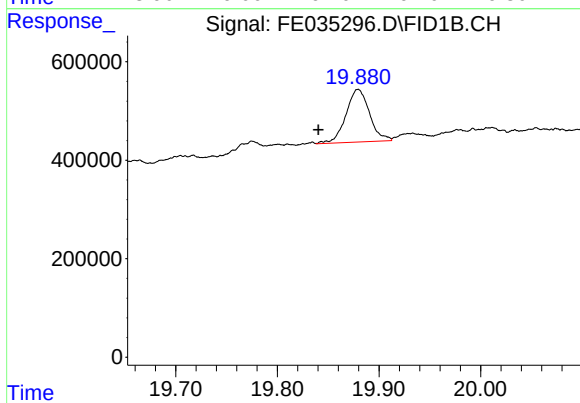
#14 N-DOTRIACONTANE

R.T.: 18.357 min
Delta R.T.: 0.031 min
Response: 2720194
Conc: 30.95 ug/ml



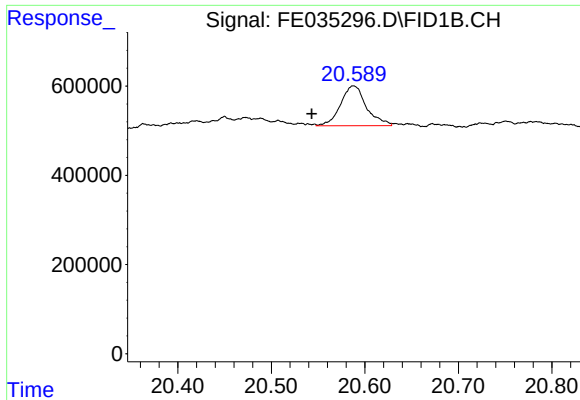
#15 N-TETRATRIACONTANE

R.T.: 19.139 min
Delta R.T.: 0.034 min
Response: 2167366
Conc: 25.29 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.880 min
Delta R.T.: 0.039 min
Response: 1724275
Conc: 21.82 ug/ml m



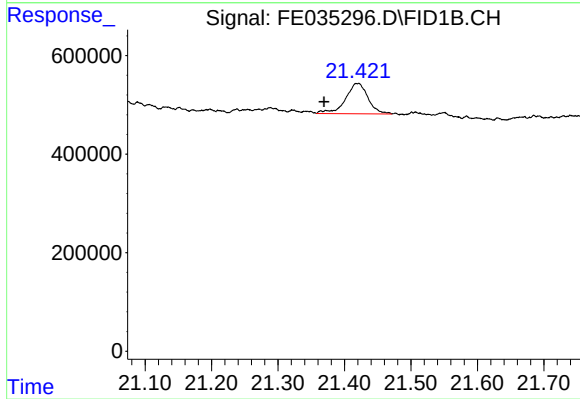
#17 N-OCTATRIACONTANE

R.T.: 20.589 min
Delta R.T.: 0.045 min
Response: 1717953
Conc: 24.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.421 min
Delta R.T.: 0.052 min
Response: 1451294
Conc: 21.10 ug/ml m