

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035288.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 12:48
 Operator : YP\AJ
 Sample : N1750-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-2MSD

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 16:06:12 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...	14.434	670728	7.491 ug/mlm
Target Compounds			
1) N-OCTANE	2.184	2111911	18.339 ug/ml
2) N-DECANE	4.245	2980650	26.393 ug/ml
3) N-DODECANE	6.257	3163232	28.582 ug/ml
4) N-TETRADECANE	8.045	3295092	28.789 ug/ml
5) N-HEXADECANE	9.640	3339439	29.509 ug/ml
6) N-OCTADECANE	11.078	3646105	32.141 ug/ml
7) N-EICOSANE	12.385	3428025	31.752 ug/mlm
8) N-DOCOSANE	13.586	3661528	35.024 ug/mlm
10) N-TETRACOSANE	14.657	1027832	10.159 ug/mlm
11) N-HEXACOSANE	15.652	1052261	10.792 ug/mlm
12) N-OCTACOSANE	16.569	2912195	31.035 ug/mlm
13) N-TRIACONTANE	17.568f	3676497	40.589 ug/mlm
14) N-DOTRIACONTANE	18.404f	6137541	69.830 ug/mlm
15) N-TETRATRIACONTANE	19.197f	6450756	75.278 ug/mlm
16) N-HEXATRIACONTANE	19.914f	3092574	39.134 ug/mlm
17) N-OCTATRIACONTANE	20.625f	3168942	44.580 ug/mlm
18) N-TETRACONTANE	21.460f	3030633	44.072 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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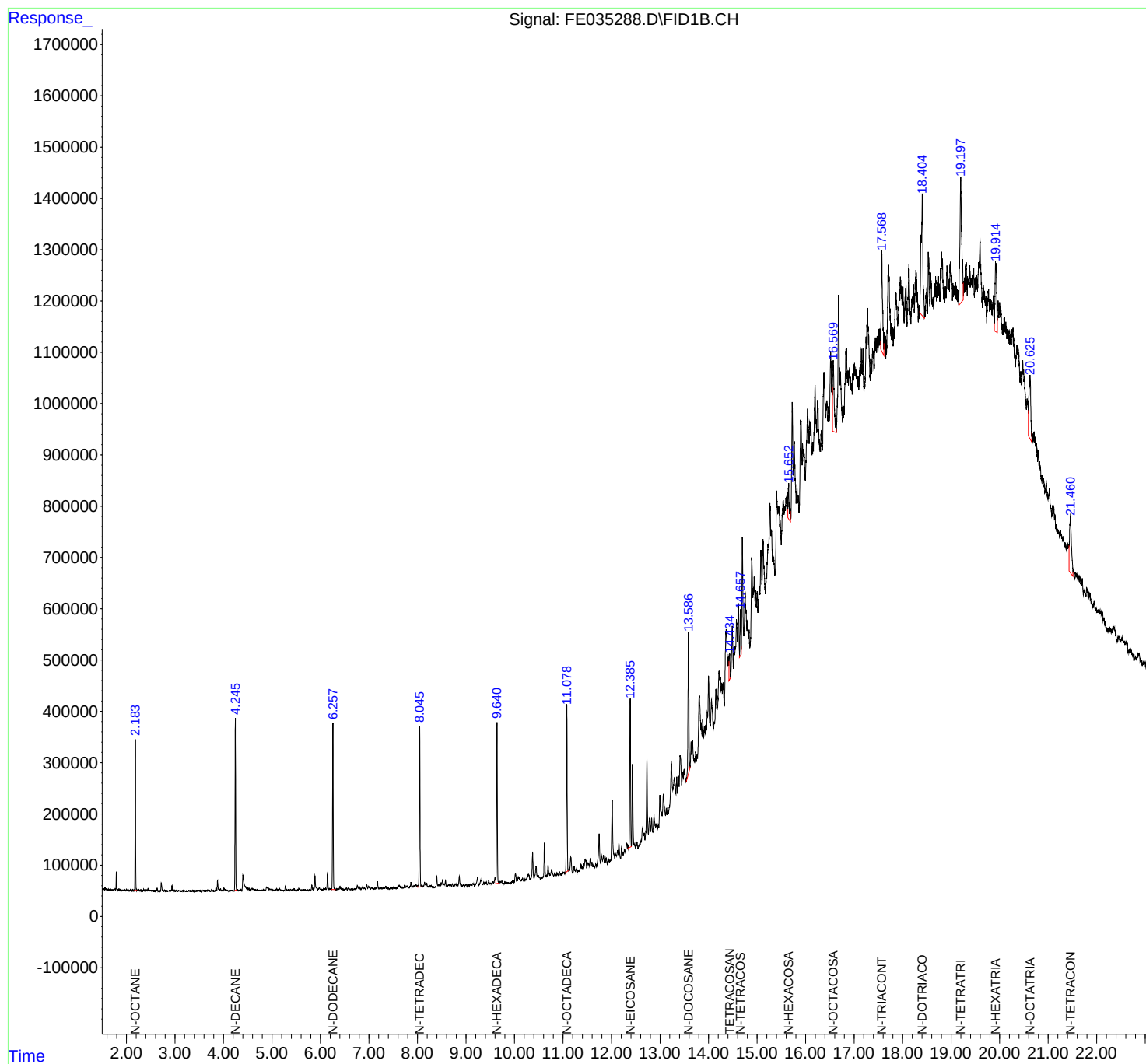
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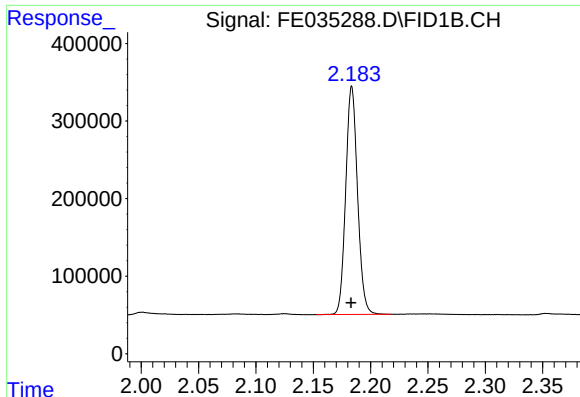
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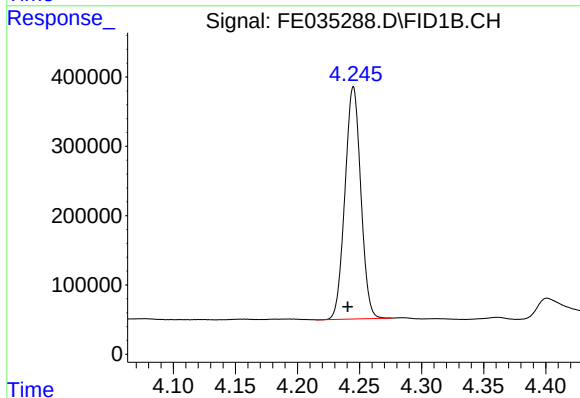
#1 N-OCTANE

R.T.: 2.184 min
Delta R.T.: 0.000 min
Response: 2111911
Conc: 18.34 ug/ml

Instrument :
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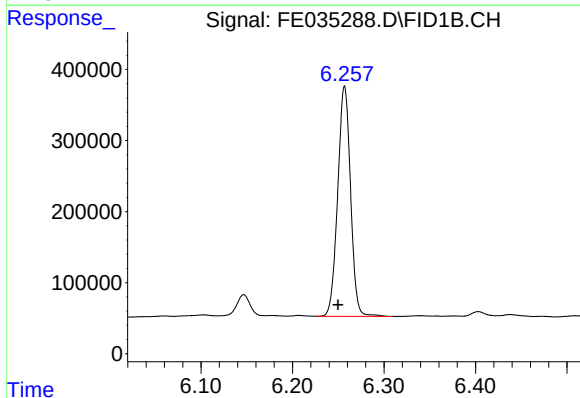
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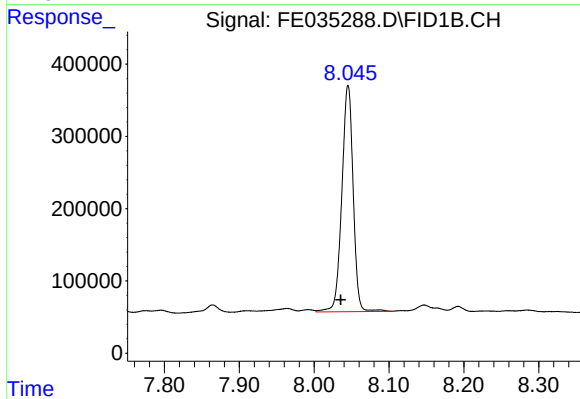
#2 N-DECANE

R.T.: 4.245 min
Delta R.T.: 0.005 min
Response: 2980650
Conc: 26.39 ug/ml



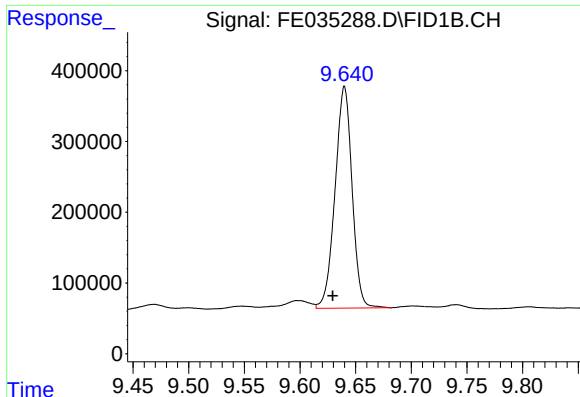
#3 N-DODECANE

R.T.: 6.257 min
Delta R.T.: 0.007 min
Response: 3163232
Conc: 28.58 ug/ml



#4 N-TETRADECANE

R.T.: 8.045 min
Delta R.T.: 0.010 min
Response: 3295092
Conc: 28.79 ug/ml



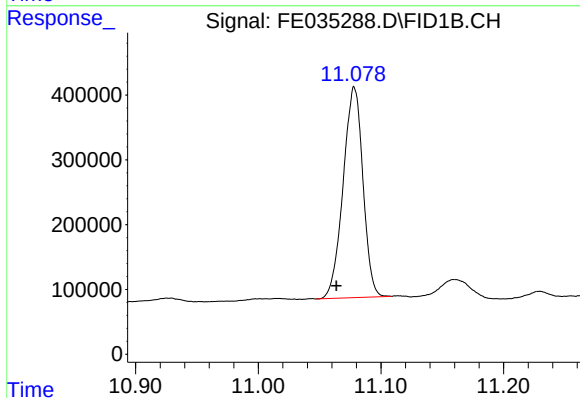
#5 N-HEXADECANE

R.T.: 9.640 min
Delta R.T.: 0.011 min
Response: 3339439
Conc: 29.51 ug/ml

Instrument :
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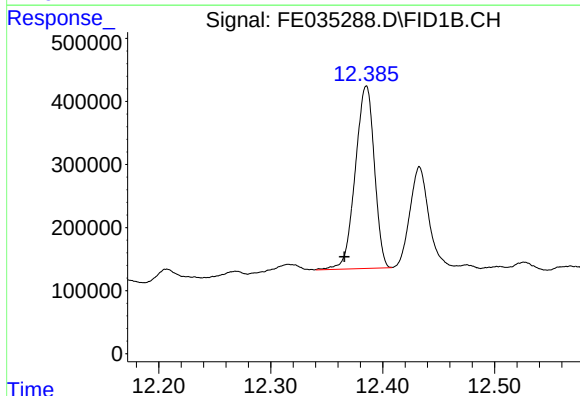
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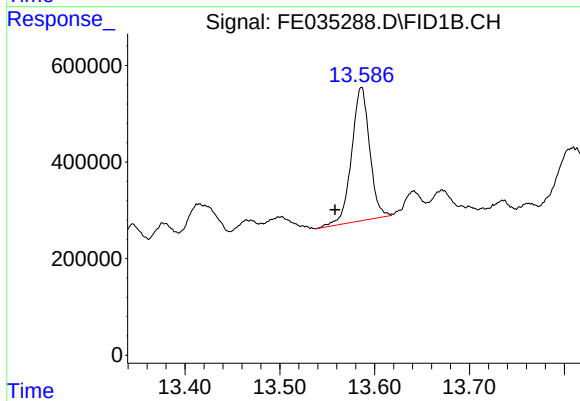
#6 N-OCTADECANE

R.T.: 11.078 min
Delta R.T.: 0.015 min
Response: 3646105
Conc: 32.14 ug/ml



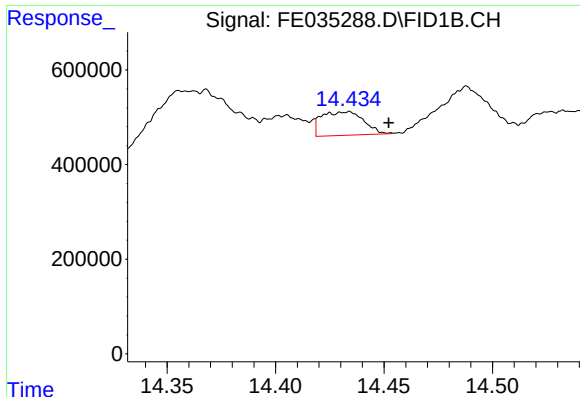
#7 N-EICOSANE

R.T.: 12.385 min
Delta R.T.: 0.020 min
Response: 3428025
Conc: 31.75 ug/ml m



#8 N-DOCOSANE

R.T.: 13.586 min
Delta R.T.: 0.028 min
Response: 3661528
Conc: 35.02 ug/ml m



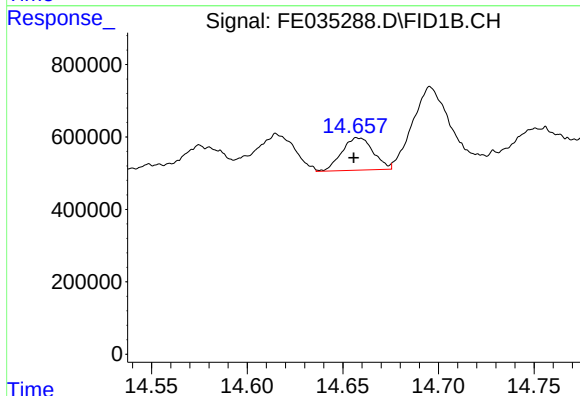
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.434 min
Delta R.T.: -0.018 min
Response: 670728
Conc: 7.49 ug/ml

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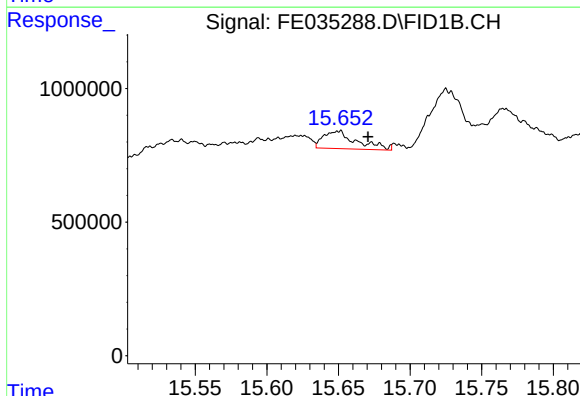
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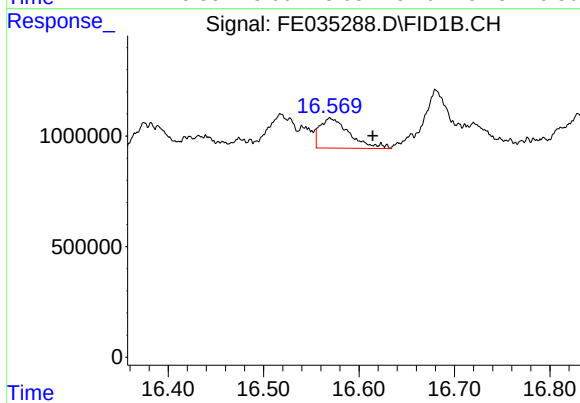
#10 N-TETRACOSANE

R.T.: 14.657 min
Delta R.T.: 0.000 min
Response: 1027832
Conc: 10.16 ug/ml m



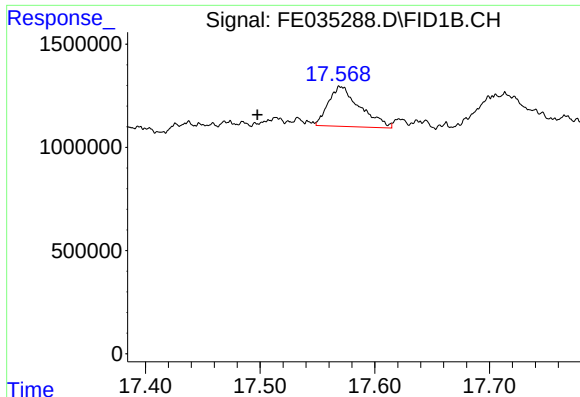
#11 N-HEXACOSANE

R.T.: 15.652 min
Delta R.T.: -0.019 min
Response: 1052261
Conc: 10.79 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.569 min
Delta R.T.: -0.045 min
Response: 2912195
Conc: 31.03 ug/ml m



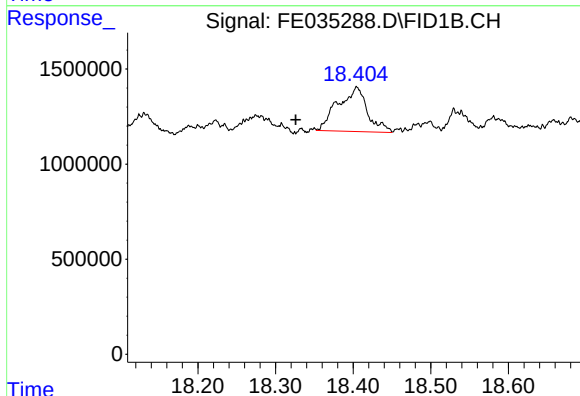
#13 N-TRIACONTANE

R.T.: 17.568 min
Delta R.T.: 0.070 min
Response: 3676497
Conc: 40.59 ug/ml

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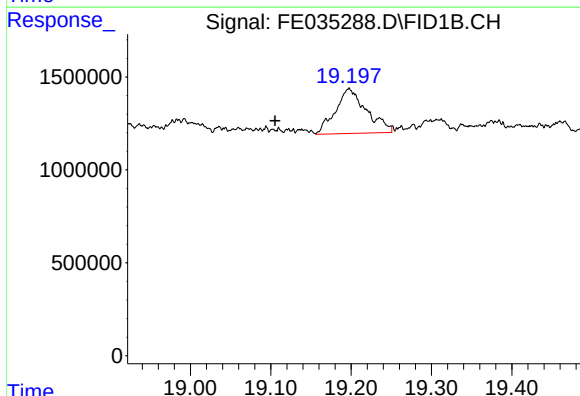
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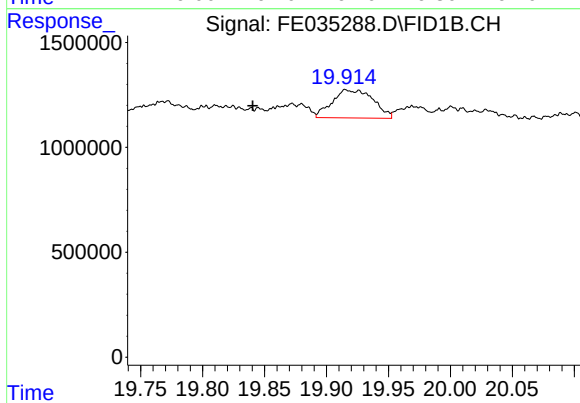
#14 N-DOTRIACONTANE

R.T.: 18.404 min
Delta R.T.: 0.078 min
Response: 6137541
Conc: 69.83 ug/ml m



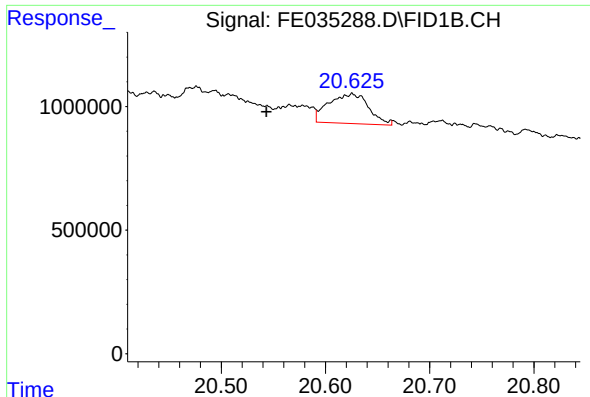
#15 N-TETRATRIACONTANE

R.T.: 19.197 min
Delta R.T.: 0.092 min
Response: 6450756
Conc: 75.28 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.914 min
Delta R.T.: 0.074 min
Response: 3092574
Conc: 39.13 ug/ml m



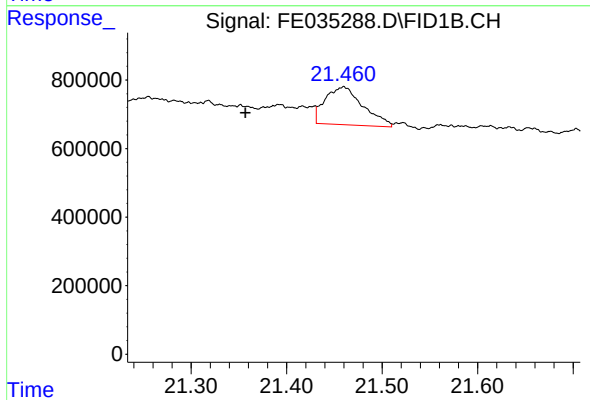
#17 N-OCTATRIACONTANE

R.T.: 20.625 min
Delta R.T.: 0.082 min
Response: 3168942
Conc: 44.58 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.460 min
Delta R.T.: 0.103 min
Response: 3030633
Conc: 44.07 ug/ml m