

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052822\
 Data File : FE035811.D
 Signal(s) : FID1B.CH
 Acq On : 28 May 2022 18:11
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/31/2022
 Supervised By :Ankita Jodhani 05/31/2022

Integration File: Sample.e
 Quant Time: May 30 00:31:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE051322.M
 Quant Title :
 QLast Update : Fri May 13 15:02:22 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...	14.037	5058112	45.051 ug/ml
Target Compounds			
1) N-OCTANE	1.892	6209461	49.664 ug/ml
2) N-DECANE	3.819	6257480	49.193 ug/ml
3) N-DODECANE	5.812	6189805	48.404 ug/ml
4) N-TETRADECANE	7.602	6193777	47.973 ug/ml
5) N-HEXADECANE	9.199	6145231	47.556 ug/ml
6) N-OCTADECANE	10.638	6127852	46.986 ug/ml
7) N-EICOSANE	11.944	5936697	46.254 ug/ml
8) N-DOCOSANE	13.141	5825827	45.522 ug/ml
10) N-TETRACOSANE	14.241	5682090	44.834 ug/ml
11) N-HEXACOSANE	15.259	5555458	44.189 ug/ml
12) N-OCTACOSANE	16.207	5420226	43.877 ug/ml
13) N-TRIACONTANE	17.093	5308208	43.824 ug/ml
14) N-DOTRIACONTANE	17.924	5049328	44.804 ug/ml
15) N-TETRATRIACONTANE	18.705	4621898	46.719 ug/ml
16) N-HEXATRIACONTANE	19.441	3976702	49.980 ug/ml
17) N-OCTATRIACONTANE	20.178	3500341	52.365 ug/ml
18) N-TETRACONTANE	21.096	3583042	55.221 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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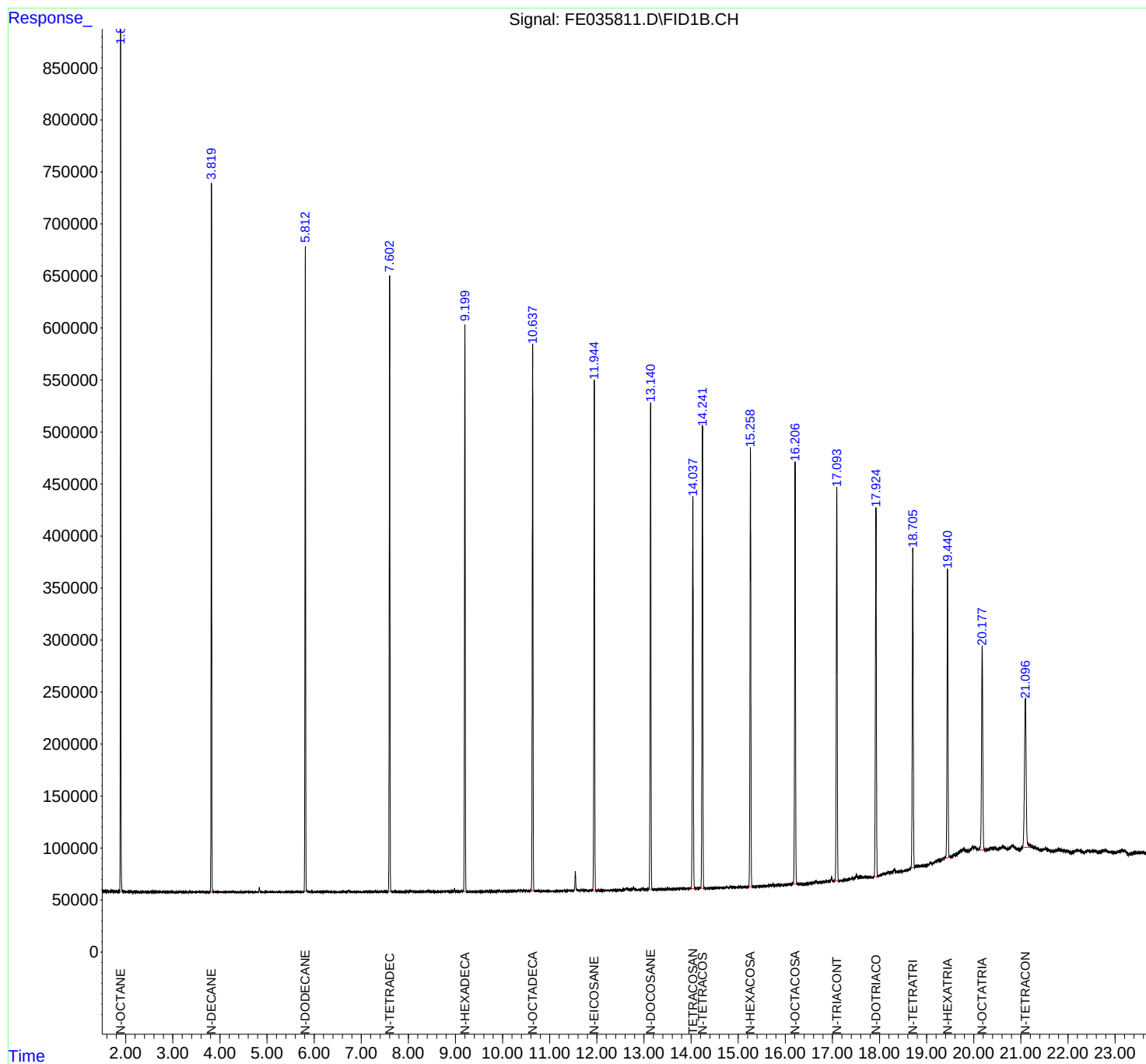
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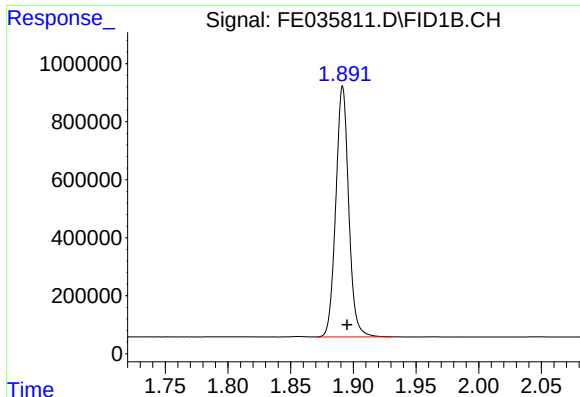
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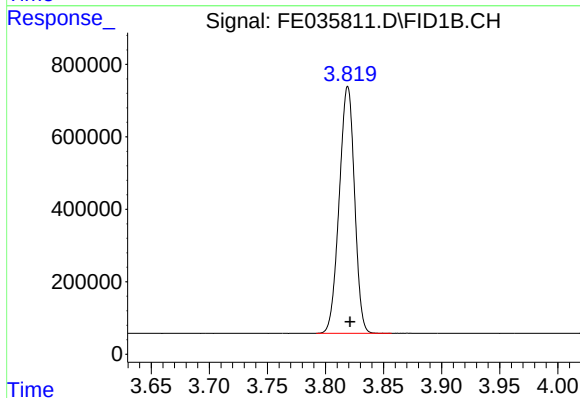
#1 N-OCTANE

R.T.: 1.892 min
Delta R.T.: -0.003 min
Response: 6209461
Conc: 49.66 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

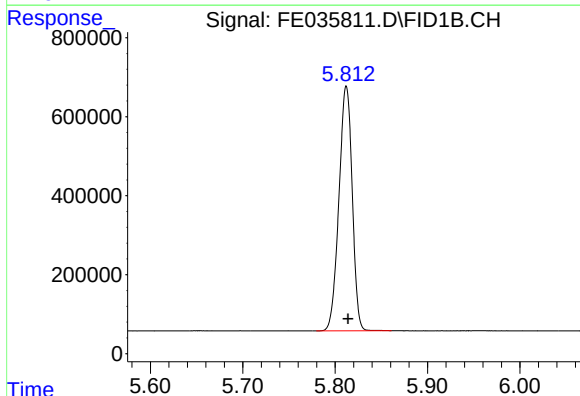
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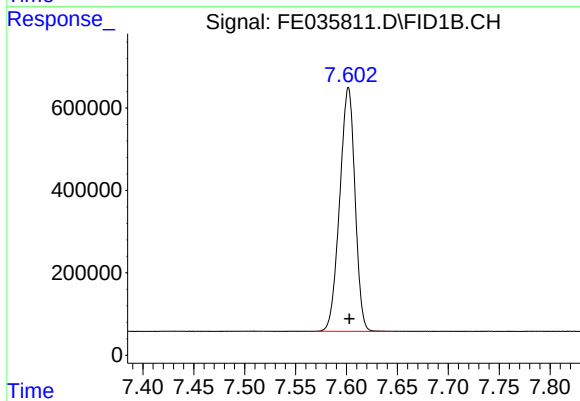
#2 N-DECANE

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 6257480
Conc: 49.19 ug/ml



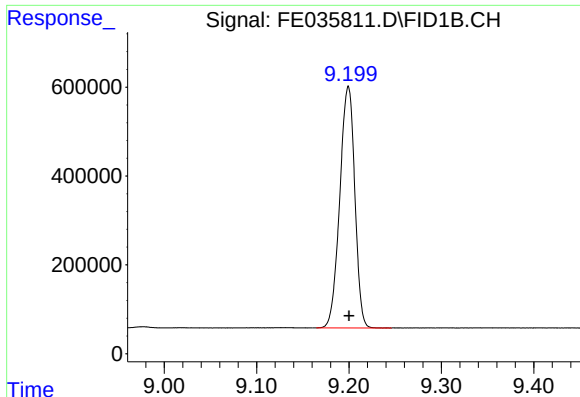
#3 N-DODECANE

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 6189805
Conc: 48.40 ug/ml



#4 N-TETRADECANE

R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 6193777
Conc: 47.97 ug/ml



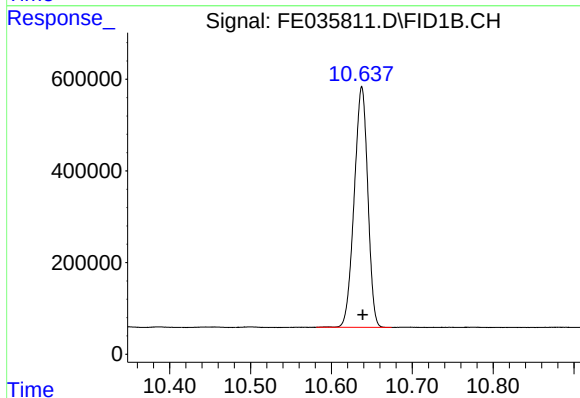
#5 N-HEXADECANE

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 6145231
Conc: 47.56 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

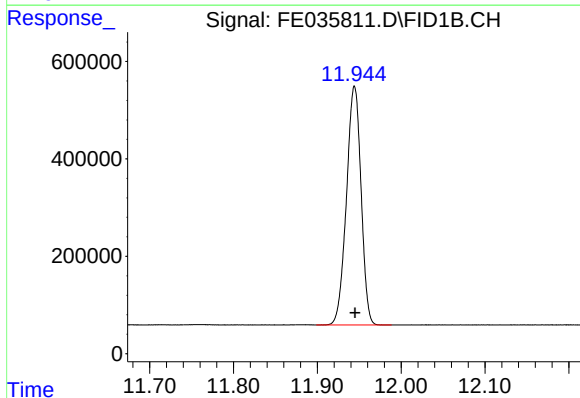
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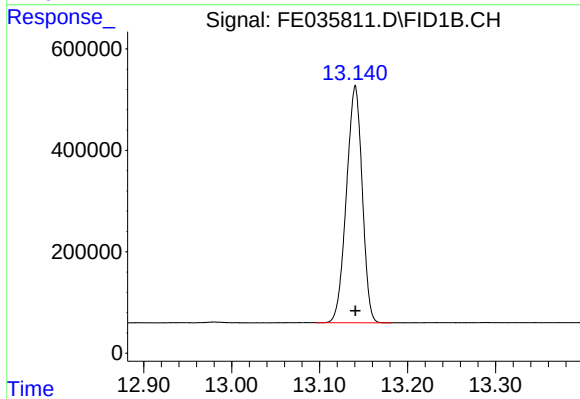
#6 N-OCTADECANE

R.T.: 10.638 min
Delta R.T.: -0.001 min
Response: 6127852
Conc: 46.99 ug/ml



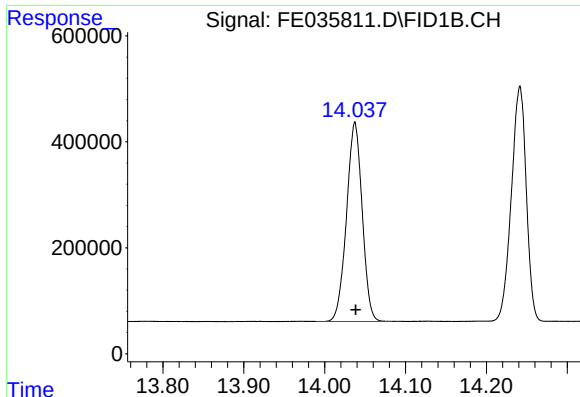
#7 N-EICOSANE

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 5936697
Conc: 46.25 ug/ml



#8 N-DOCOSANE

R.T.: 13.141 min
Delta R.T.: 0.000 min
Response: 5825827
Conc: 45.52 ug/ml



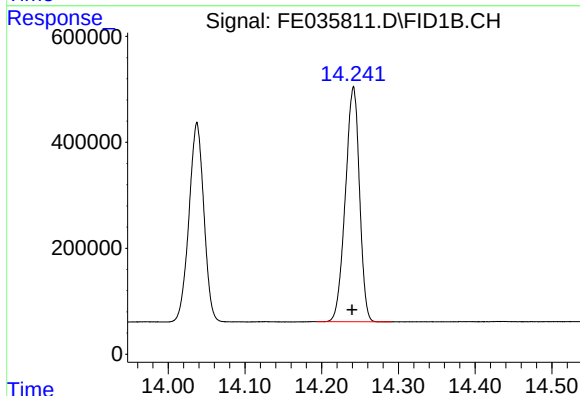
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.037 min
Delta R.T.: 0.000 min
Response: 5058112
Conc: 45.05 ug/ml

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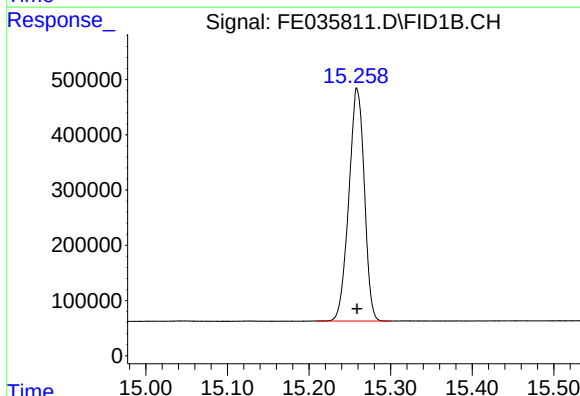
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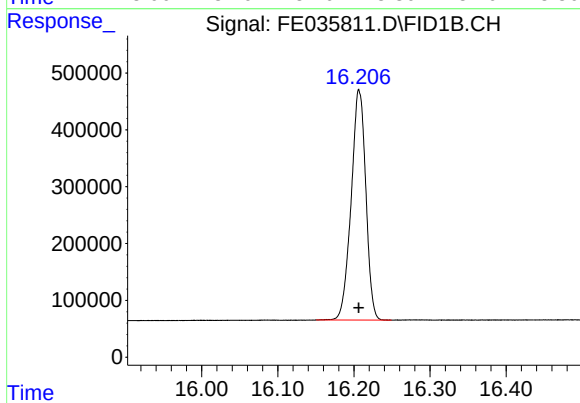
#10 N-TETRACOSANE

R.T.: 14.241 min
Delta R.T.: 0.002 min
Response: 5682090
Conc: 44.83 ug/ml



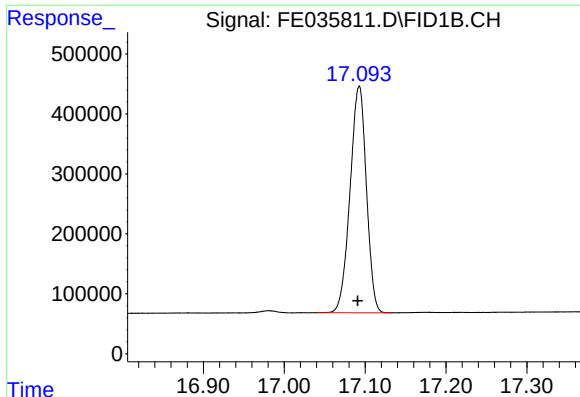
#11 N-HEXACOSANE

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 5555458
Conc: 44.19 ug/ml



#12 N-OCTACOSANE

R.T.: 16.207 min
Delta R.T.: 0.000 min
Response: 5420226
Conc: 43.88 ug/ml



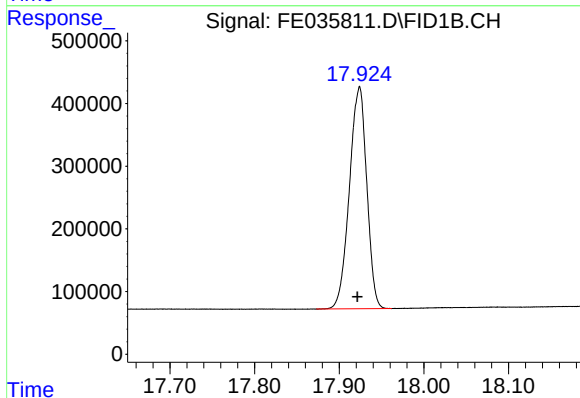
#13 N-TRIACONTANE

R.T.: 17.093 min
Delta R.T.: 0.002 min
Response: 5308208
Conc: 43.82 ug/ml

Instrument :
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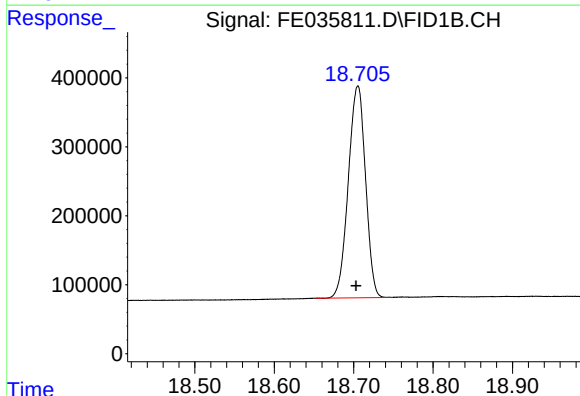
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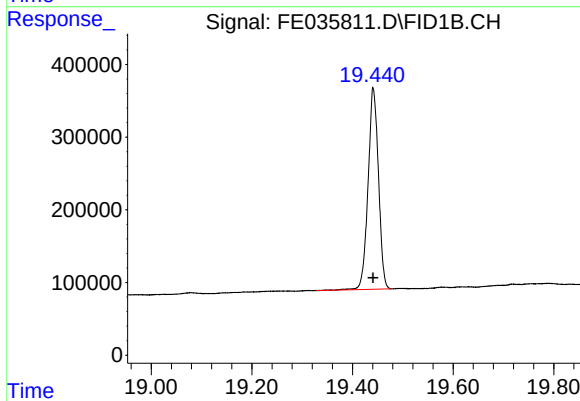
#14 N-DOTRIACONTANE

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 5049328
Conc: 44.80 ug/ml



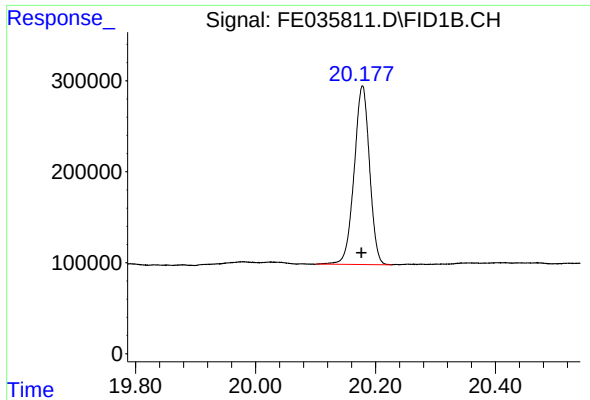
#15 N-TETRATRIACONTANE

R.T.: 18.705 min
Delta R.T.: 0.002 min
Response: 4621898
Conc: 46.72 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.441 min
Delta R.T.: 0.000 min
Response: 3976702
Conc: 49.98 ug/ml



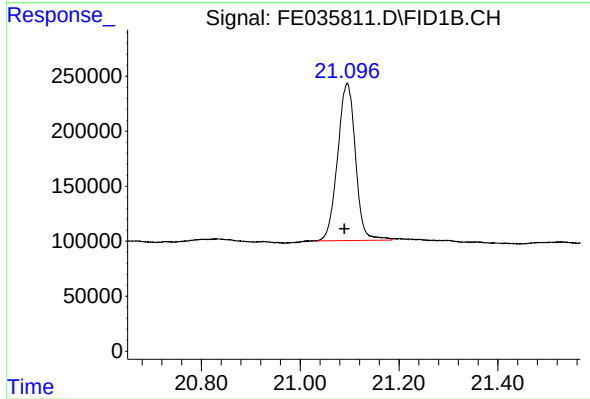
#17 N-OCTATRIACONTANE

R.T.: 20.178 min
Delta R.T.: 0.002 min
Response: 3500341
Conc: 52.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.096 min
Delta R.T.: 0.006 min
Response: 3583042
Conc: 55.22 ug/ml m