

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051322\
 Data File : FE035658.D
 Signal(s) : FID1B.CH
 Acq On : 13 May 2022 19:02
 Operator : YP\AJ
 Sample : N2758-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: autoint1.e
 Quant Time: May 13 22:39:55 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...	14.041	1771949	15.782 ug/mlm
Target Compounds			
1) N-OCTANE	1.895	2048075	16.381 ug/ml
2) N-DECANE	3.823	2291646	18.016 ug/ml
3) N-DODECANE	5.816	2423352	18.951 ug/ml
4) N-TETRADECANE	7.606	2552044	19.767 ug/ml
5) N-HEXADECANE	9.204	2484866	19.230 ug/mlm
6) N-OCTADECANE	10.644	2640142	20.243 ug/ml
7) N-EICOSANE	11.950	2620706	20.419 ug/mlm
8) N-DOCOSANE	13.146	2646585	20.680 ug/ml
10) N-TETRACOSANE	14.245	2452667	19.353 ug/ml
11) N-HEXACOSANE	15.265	2472771	19.669 ug/ml
12) N-OCTACOSANE	16.213	2671028	21.622 ug/ml
13) N-TRIACONTANE	17.097	2445480	20.190 ug/ml
14) N-DOTRIACONTANE	17.929	2450098	21.740 ug/ml
15) N-TETRATRIACONTANE	18.711	2161282	21.846 ug/ml
16) N-HEXATRIACONTANE	19.449	2093703	26.314 ug/ml
17) N-OCTATRIACONTANE	20.186	2174533	32.531 ug/ml
18) N-TETRACONTANE	21.103	2343982	36.125 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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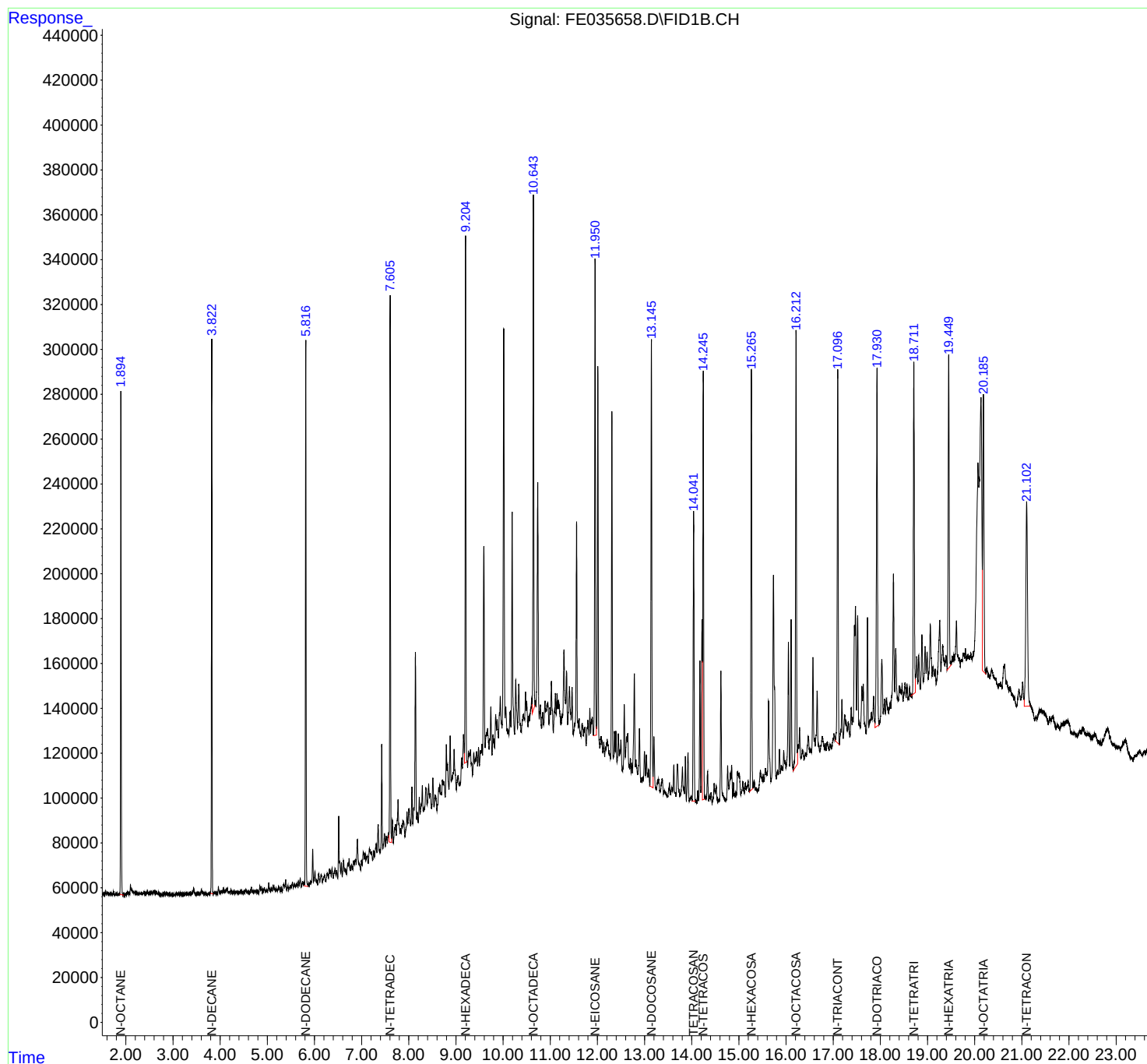
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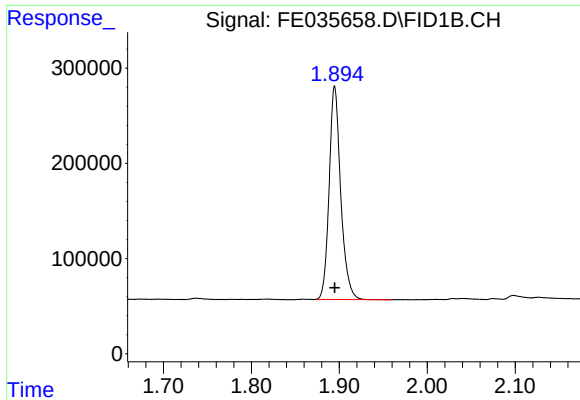
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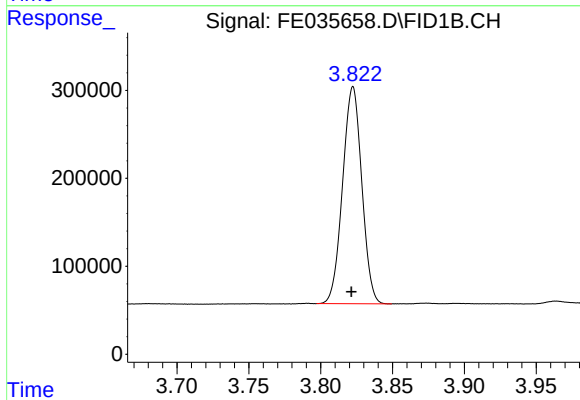
#1 N-OCTANE

R.T.: 1.895 min
Delta R.T.: 0.000 min
Response: 2048075
Conc: 16.38 ug/ml

Instrument :
FID_E
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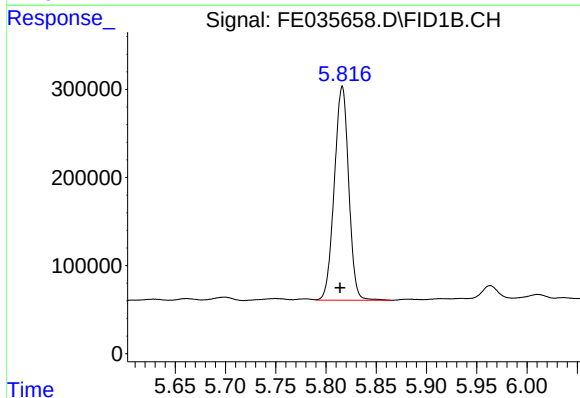
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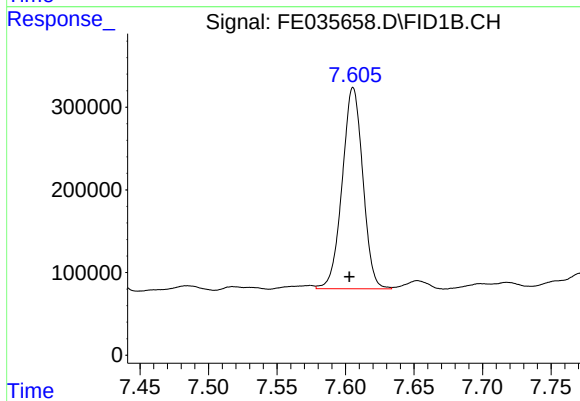
#2 N-DECANE

R.T.: 3.823 min
Delta R.T.: 0.001 min
Response: 2291646
Conc: 18.02 ug/ml



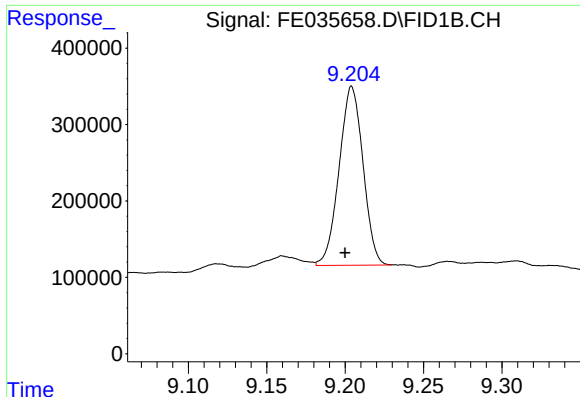
#3 N-DODECANE

R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 2423352
Conc: 18.95 ug/ml



#4 N-TETRADECANE

R.T.: 7.606 min
Delta R.T.: 0.003 min
Response: 2552044
Conc: 19.77 ug/ml



#5 N-HEXADECANE

R.T.: 9.204 min
Delta R.T.: 0.004 min
Response: 2484866
Conc: 19.23 ug/ml

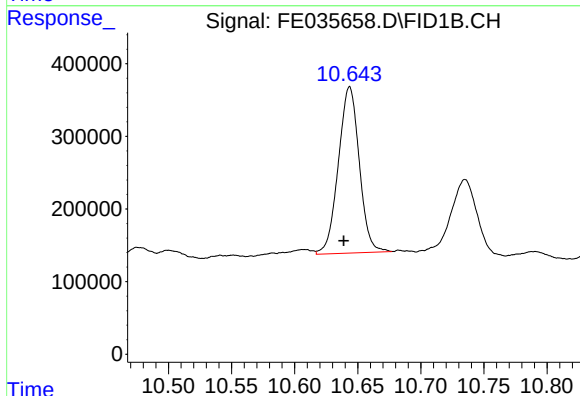
Instrument :

FID_E

ClientSampleId :
WASTEMS

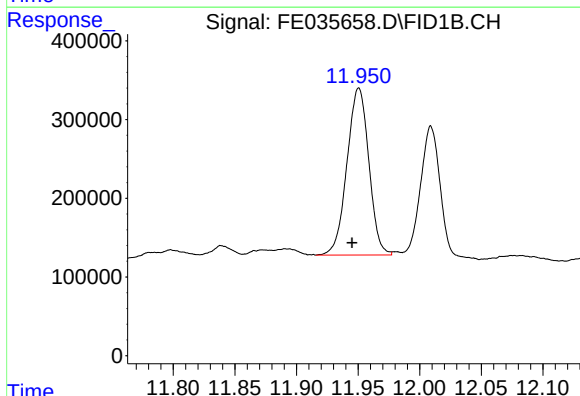
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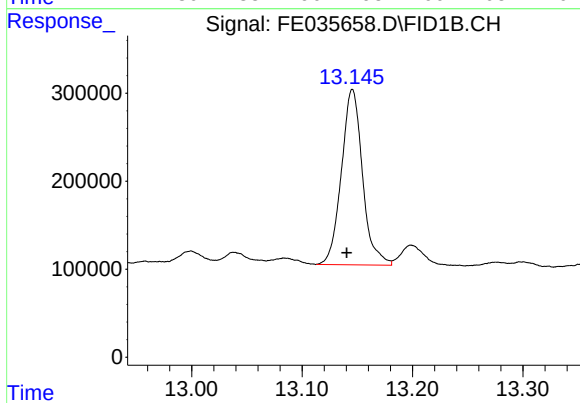
#6 N-OCTADECANE

R.T.: 10.644 min
Delta R.T.: 0.005 min
Response: 2640142
Conc: 20.24 ug/ml



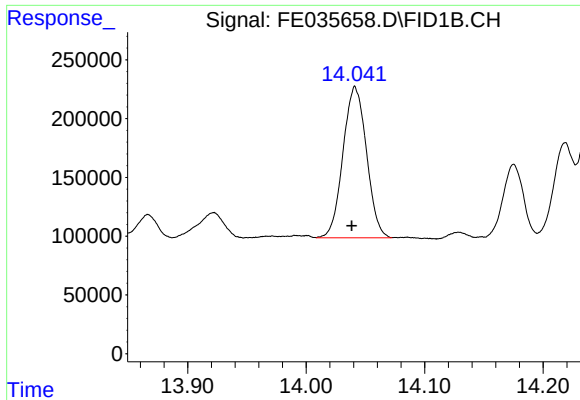
#7 N-EICOSANE

R.T.: 11.950 min
Delta R.T.: 0.005 min
Response: 2620706
Conc: 20.42 ug/ml m



#8 N-DOCOSANE

R.T.: 13.146 min
Delta R.T.: 0.005 min
Response: 2646585
Conc: 20.68 ug/ml



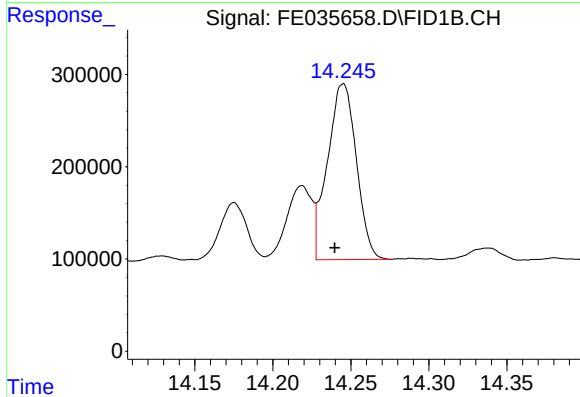
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.041 min
Delta R.T.: 0.002 min
Response: 1771949
Conc: 15.78 ug/ml

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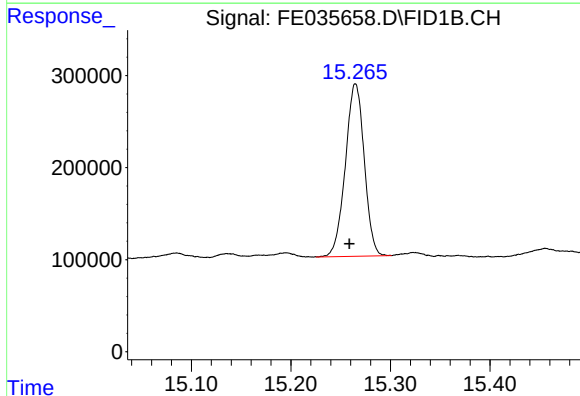
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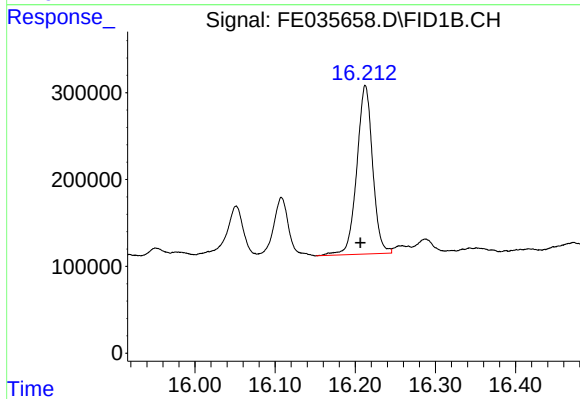
#10 N-TETRACOSANE

R.T.: 14.245 min
Delta R.T.: 0.005 min
Response: 2452667
Conc: 19.35 ug/ml



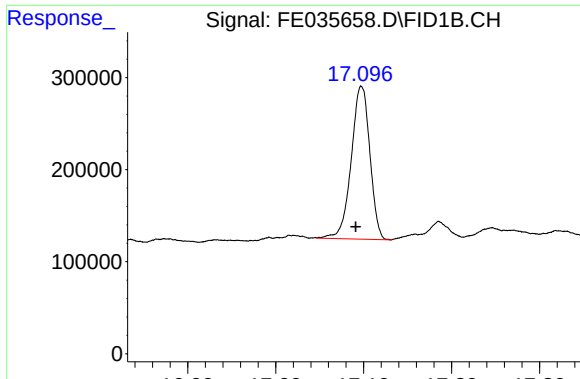
#11 N-HEXACOSANE

R.T.: 15.265 min
Delta R.T.: 0.006 min
Response: 2472771
Conc: 19.67 ug/ml



#12 N-OCTACOSANE

R.T.: 16.213 min
Delta R.T.: 0.006 min
Response: 2671028
Conc: 21.62 ug/ml



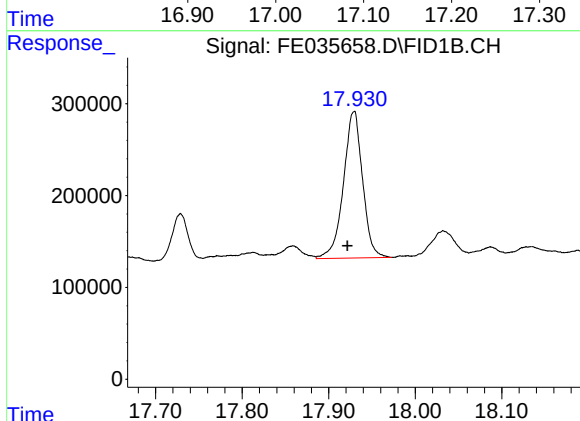
#13 N-TRIACONTANE

R.T.: 17.097 min
Delta R.T.: 0.006 min
Response: 2445480
Conc: 20.19 ug/ml

Instrument :
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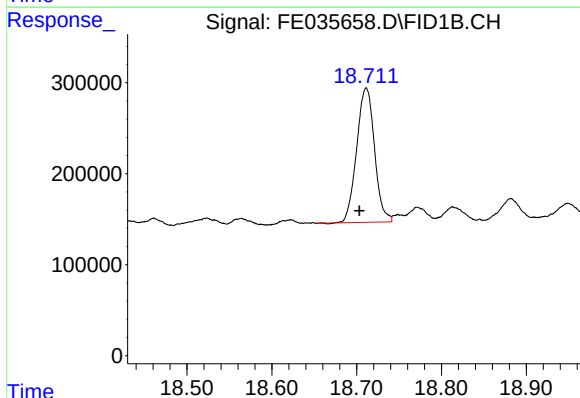
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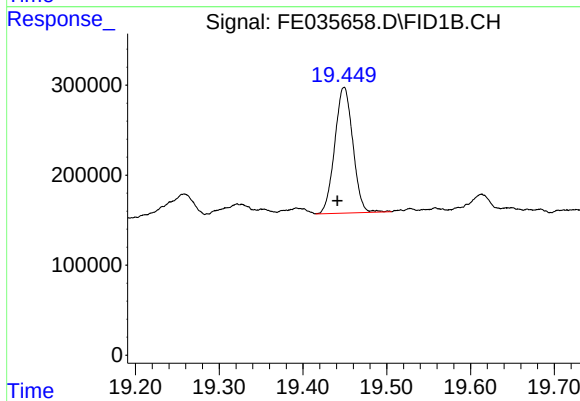
#14 N-DOTRIACONTANE

R.T.: 17.929 min
Delta R.T.: 0.008 min
Response: 2450098
Conc: 21.74 ug/ml



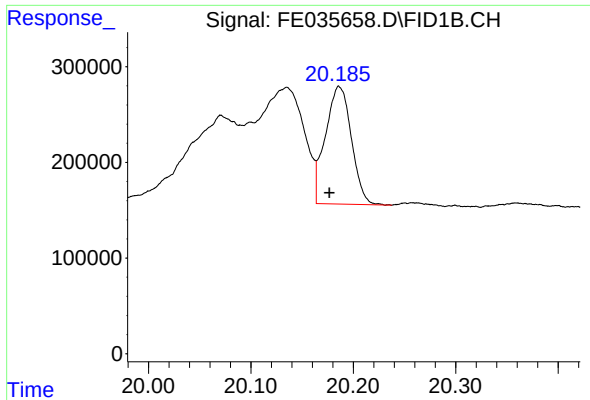
#15 N-TETRATRIACONTANE

R.T.: 18.711 min
Delta R.T.: 0.008 min
Response: 2161282
Conc: 21.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.449 min
Delta R.T.: 0.008 min
Response: 2093703
Conc: 26.31 ug/ml



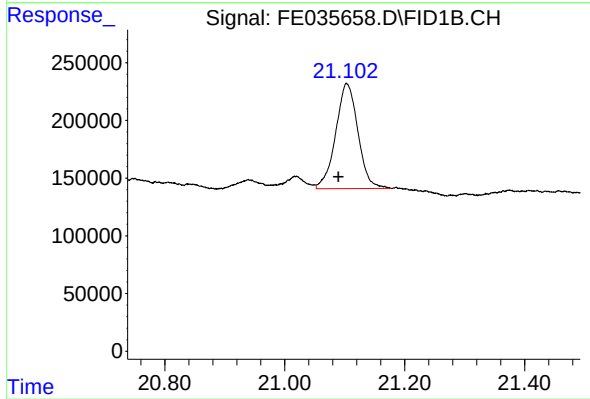
#17 N-OCTATRIACONTANE

R.T.: 20.186 min
Delta R.T.: 0.010 min
Response: 2174533
Conc: 32.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.103 min
Delta R.T.: 0.014 min
Response: 2343982
Conc: 36.12 ug/ml