

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101821\
 Data File : FE034461.D
 Signal(s) : FID1B.CH
 Acq On : 18 Oct 2021 14:47
 Operator : AJ\MA
 Sample : M4068-05
 Misc : LOQ 5 PPM
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 23:54:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100821.M
 Quant Title :
 QLast Update : Fri Oct 08 16:08:59 2021
 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...	14.616	6243428	18.309 ug/ml
Target Compounds			
1) N-OCTANE	2.361	1651385	4.297 ug/ml
2) N-DECANE	4.386	1752309	4.561 ug/ml
3) N-DODECANE	6.390	1628704	4.266 ug/ml
4) N-TETRADECANE	8.182	1783587	4.533 ug/ml
5) N-HEXADECANE	9.779	1828418	4.629 ug/ml
6) N-OCTADECANE	11.216	1830102	4.560 ug/ml
7) N-EICOSANE	12.522	1859343	4.621 ug/ml
8) N-DOCOSANE	13.716	1818735	4.628 ug/ml
10) N-TETRACOSANE	14.817	1732662	4.450 ug/ml
11) N-HEXACOSANE	15.834	1593907	4.178 ug/ml
12) N-OCTACOSANE	16.781	1523857	4.037 ug/ml
13) N-TRIACONTANE	17.666	1491687	4.001 ug/ml
14) N-DOTRIACONTANE	18.495	1335027	3.728 ug/ml
15) N-TETRATRIACONTANE	19.277	970965	2.904 ug/ml
16) N-HEXATRIACONTANE	20.015	622378	2.061 ug/ml
17) N-OCTATRIACONTANE	20.738	454692	1.658 ug/ml
18) N-TETRACONTANE	21.622	347729	1.320 ug/ml

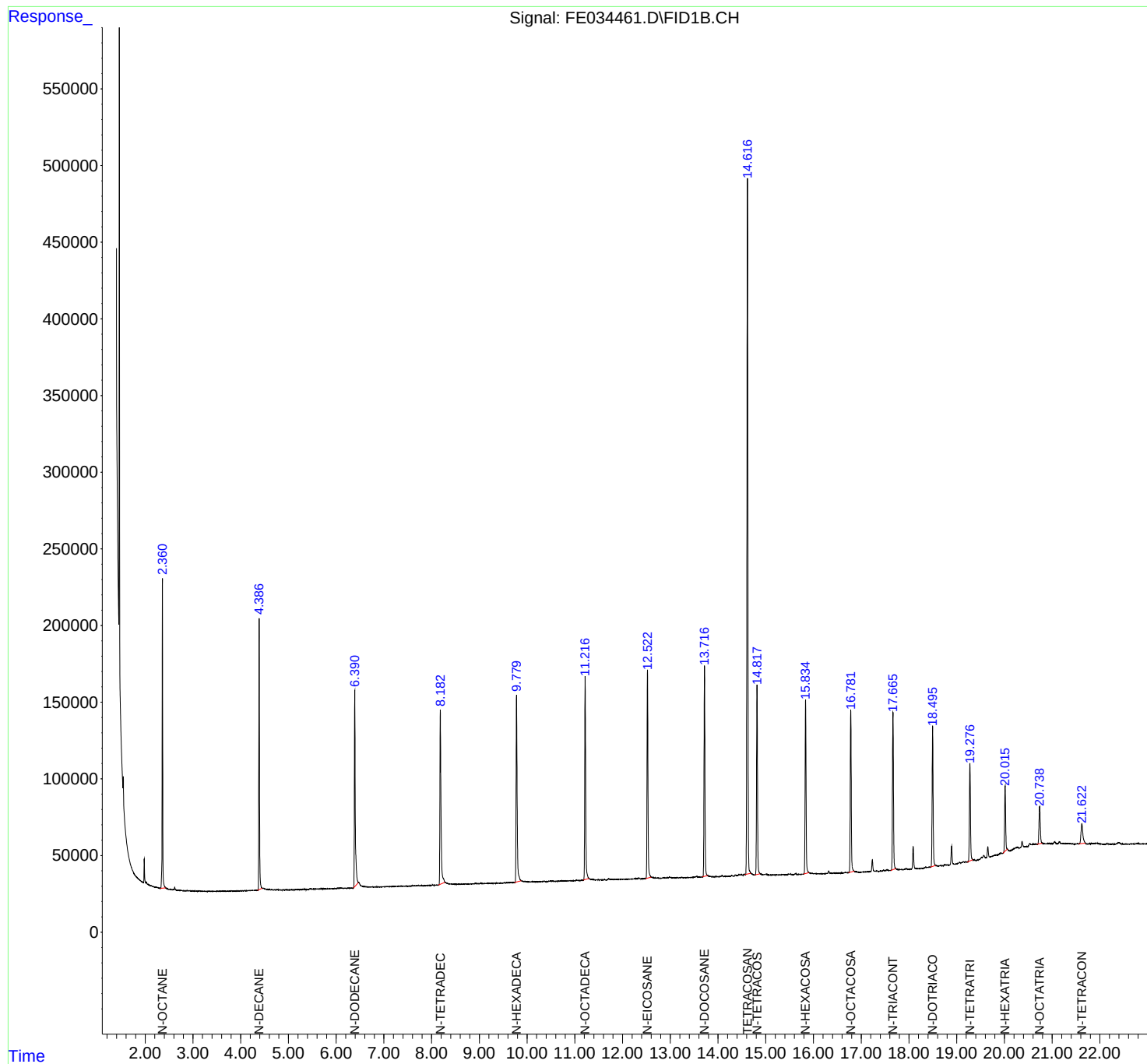
(f)=RT Delta > 1/2 Window

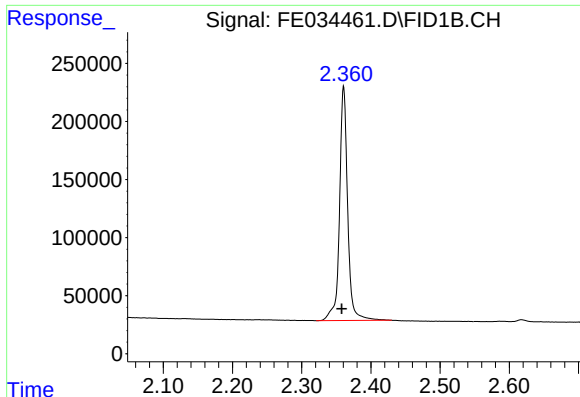
(m)=manual int.

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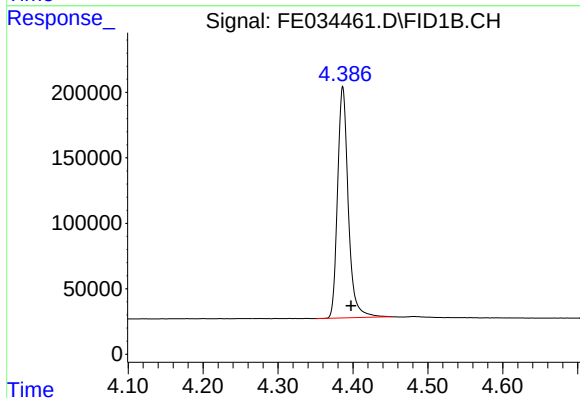
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





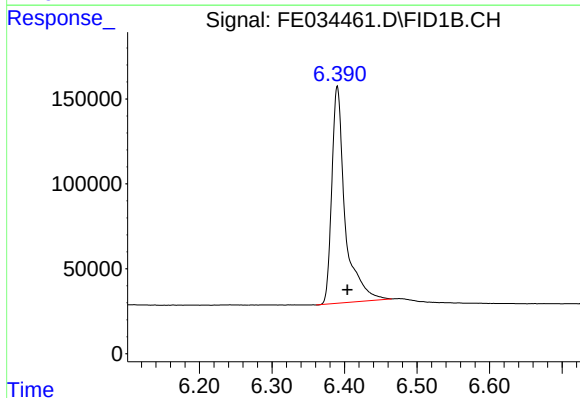
#1 N-OCTANE

R.T.: 2.361 min
Delta R.T.: 0.003 min
Response: 1651385
Conc: 4.30 ug/ml



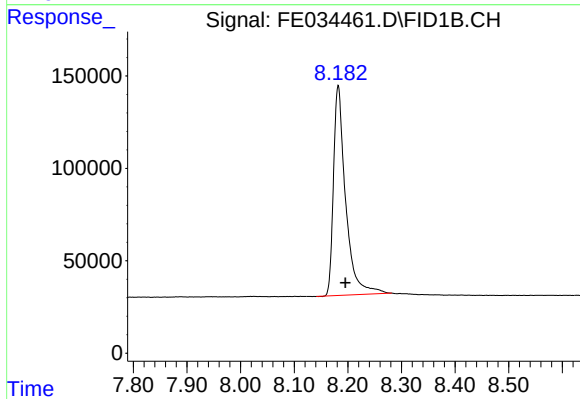
#2 N-DECANE

R.T.: 4.386 min
Delta R.T.: -0.011 min
Response: 1752309
Conc: 4.56 ug/ml



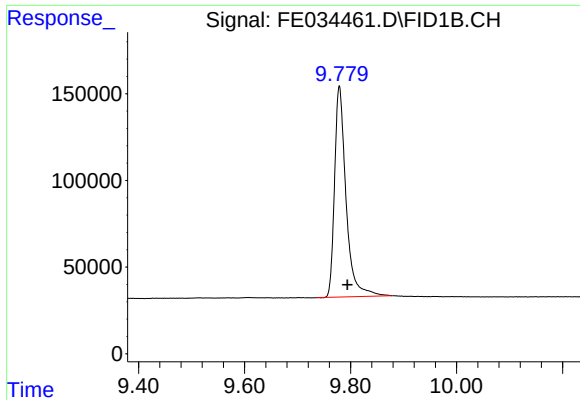
#3 N-DODECANE

R.T.: 6.390 min
Delta R.T.: -0.014 min
Response: 1628704
Conc: 4.27 ug/ml



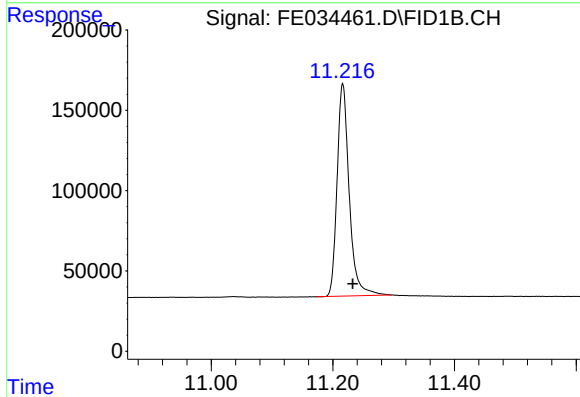
#4 N-TETRADECANE

R.T.: 8.182 min
Delta R.T.: -0.014 min
Response: 1783587
Conc: 4.53 ug/ml



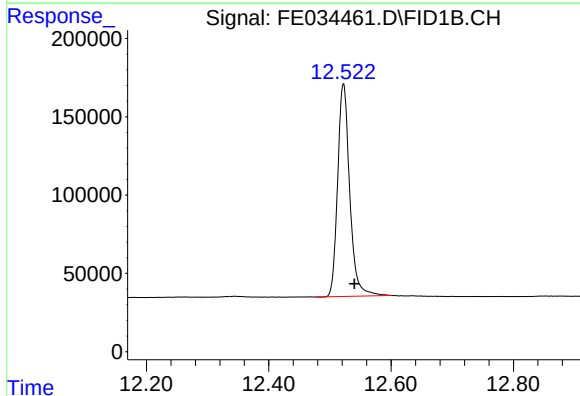
#5 N-HEXADECANE

R.T.: 9.779 min
Delta R.T.: -0.015 min
Response: 1828418
Conc: 4.63 ug/ml



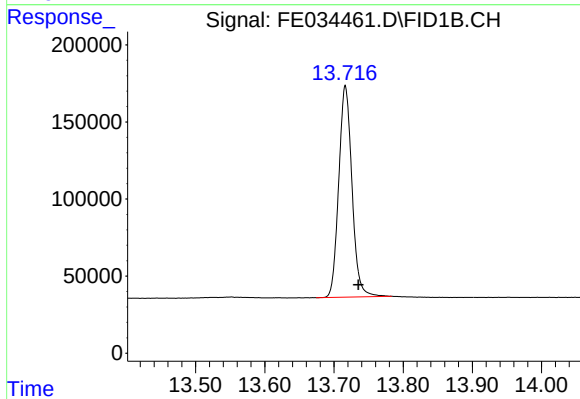
#6 N-OCTADECANE

R.T.: 11.216 min
Delta R.T.: -0.017 min
Response: 1830102
Conc: 4.56 ug/ml



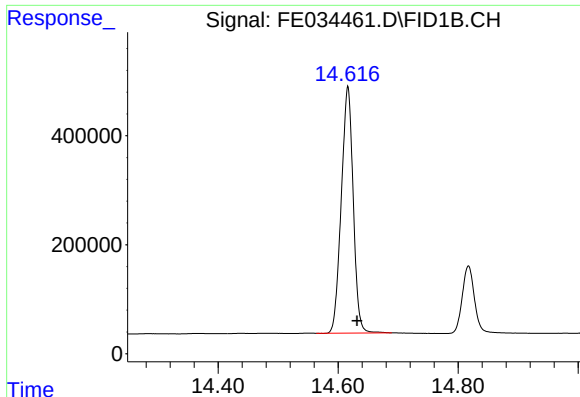
#7 N-EICOSANE

R.T.: 12.522 min
Delta R.T.: -0.018 min
Response: 1859343
Conc: 4.62 ug/ml



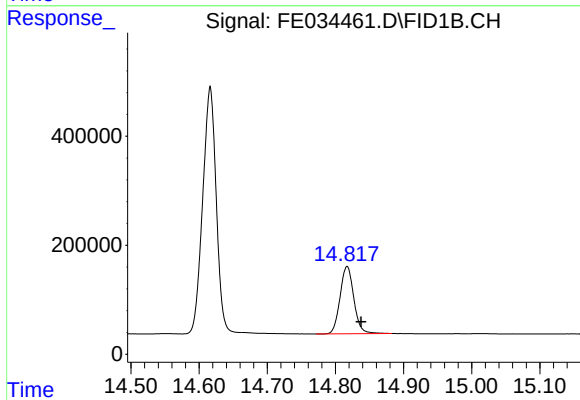
#8 N-DOCOSANE

R.T.: 13.716 min
Delta R.T.: -0.019 min
Response: 1818735
Conc: 4.63 ug/ml



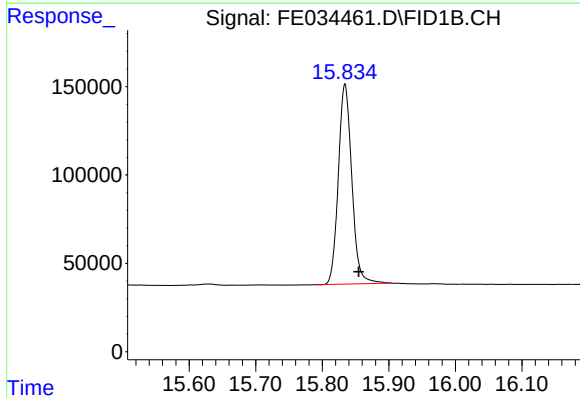
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.616 min
Delta R.T.: -0.016 min
Response: 6243428
Conc: 18.31 ug/ml



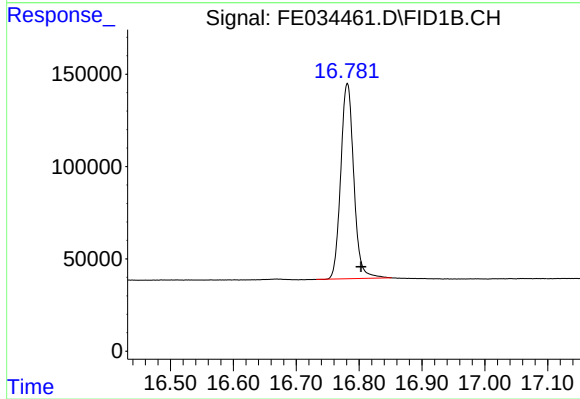
#10 N-TETRACOSANE

R.T.: 14.817 min
Delta R.T.: -0.020 min
Response: 1732662
Conc: 4.45 ug/ml



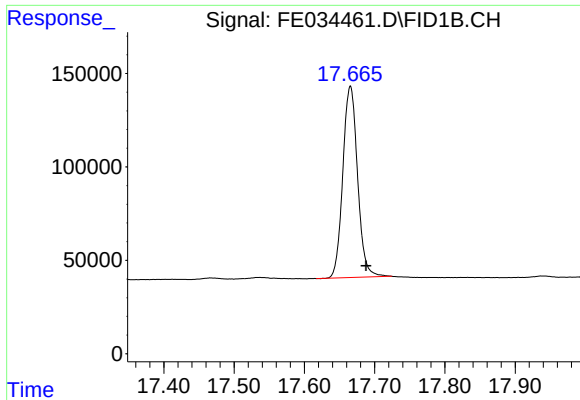
#11 N-HEXACOSANE

R.T.: 15.834 min
Delta R.T.: -0.021 min
Response: 1593907
Conc: 4.18 ug/ml



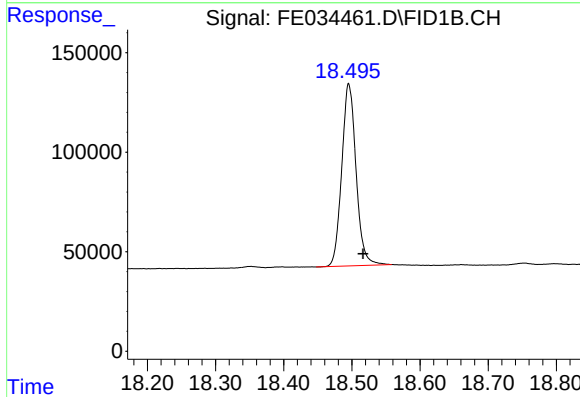
#12 N-OCTACOSANE

R.T.: 16.781 min
Delta R.T.: -0.022 min
Response: 1523857
Conc: 4.04 ug/ml



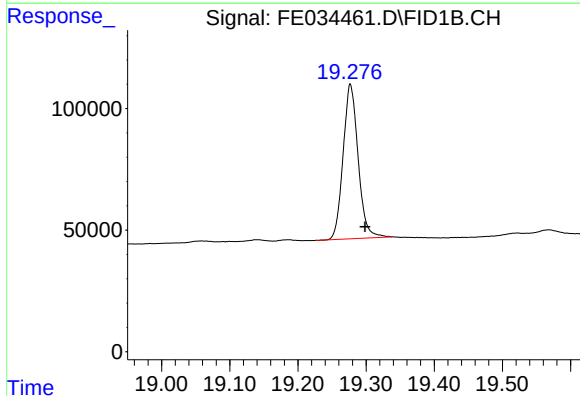
#13 N-TRIACONTANE

R.T.: 17.666 min
Delta R.T.: -0.022 min
Response: 1491687
Conc: 4.00 ug/ml



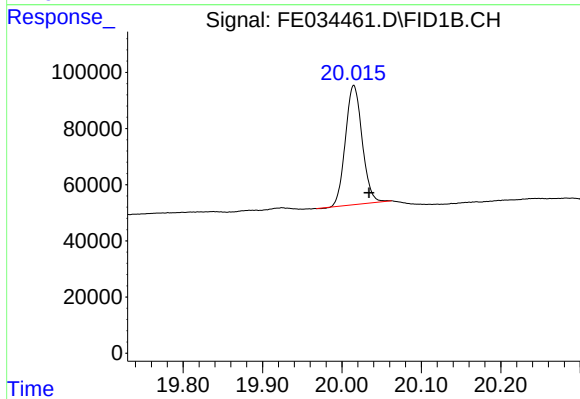
#14 N-DOTRIACONTANE

R.T.: 18.495 min
Delta R.T.: -0.021 min
Response: 1335027
Conc: 3.73 ug/ml



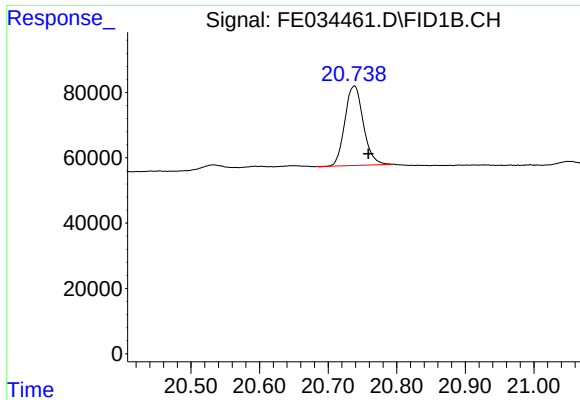
#15 N-TETRATRIACONTANE

R.T.: 19.277 min
Delta R.T.: -0.022 min
Response: 970965
Conc: 2.90 ug/ml



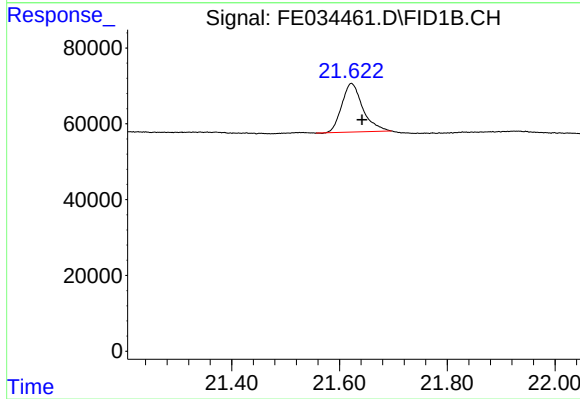
#16 N-HEXATRIACONTANE

R.T.: 20.015 min
Delta R.T.: -0.019 min
Response: 622378
Conc: 2.06 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.738 min
Delta R.T.: -0.020 min
Response: 454692
Conc: 1.66 ug/ml



#18 N-TETRACONTANE

R.T.: 21.622 min
Delta R.T.: -0.020 min
Response: 347729
Conc: 1.32 ug/ml