

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101521\
 Data File : FE034436.D
 Signal(s) : FID1B.CH
 Acq On : 15 Oct 2021 13:25
 Operator : AJ\MA
 Sample : M4068-01
 Misc : LOD 2.5 PPM
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 23:20:24 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...	14.619	6895072	20.220 ug/ml
Target Compounds			
1) N-OCTANE	2.363	924573	2.406 ug/ml
2) N-DECANE	4.389	970205	2.525 ug/ml
3) N-DODECANE	6.393	888524	2.327 ug/ml
4) N-TETRADECANE	8.186	922070	2.344 ug/ml
5) N-HEXADECANE	9.783	976301	2.472 ug/ml
6) N-OCTADECANE	11.219	996105	2.482 ug/ml
7) N-EICOSANE	12.526	1038977	2.582 ug/ml
8) N-DOCOSANE	13.720	1017772	2.590 ug/ml
10) N-TETRACOSANE	14.821	975519	2.505 ug/ml
11) N-HEXACOSANE	15.839	890461	2.334 ug/ml
12) N-OCTACOSANE	16.785	857902	2.273 ug/ml
13) N-TRIACONTANE	17.670	878613	2.357 ug/ml
14) N-DOTRIACONTANE	18.500	807311	2.254 ug/ml
15) N-TETRATRIACONTANE	19.280	589178	1.762 ug/ml
16) N-HEXATRIACONTANE	20.018	373441	1.237 ug/ml
17) N-OCTATRIACONTANE	20.741	302817	1.104 ug/ml
18) N-TETRACONTANE	21.621	253956	0.964 ug/ml

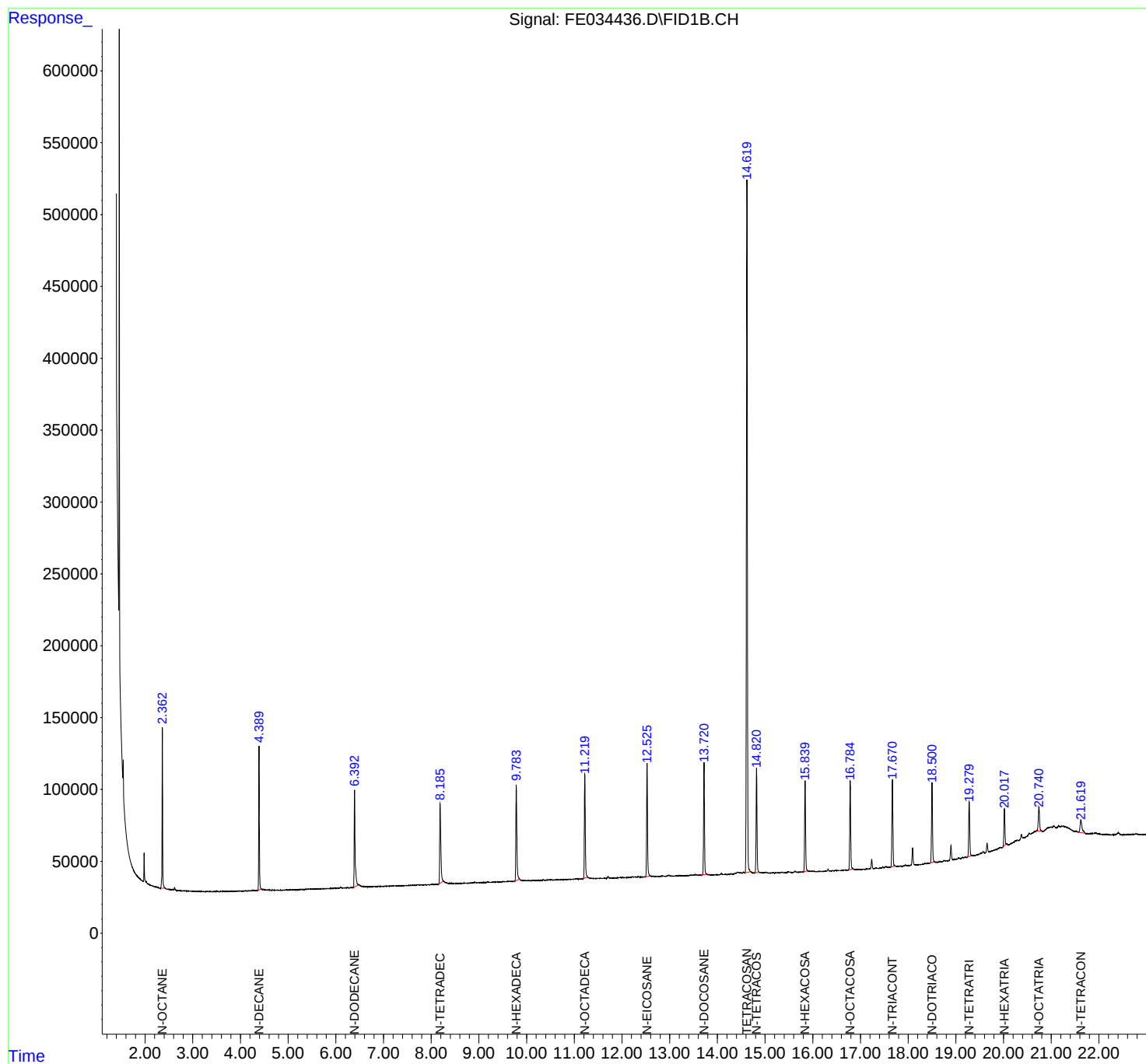
(f)=RT Delta > 1/2 Window

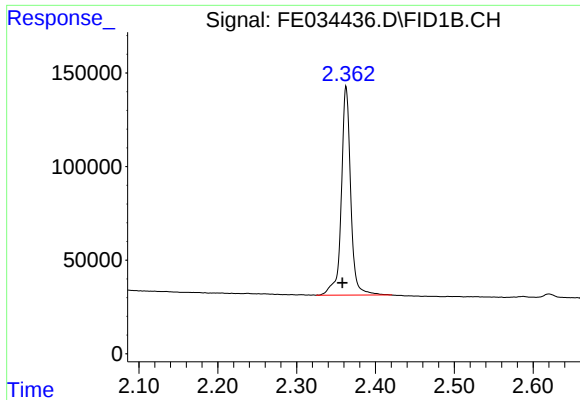
(m)=manual int.

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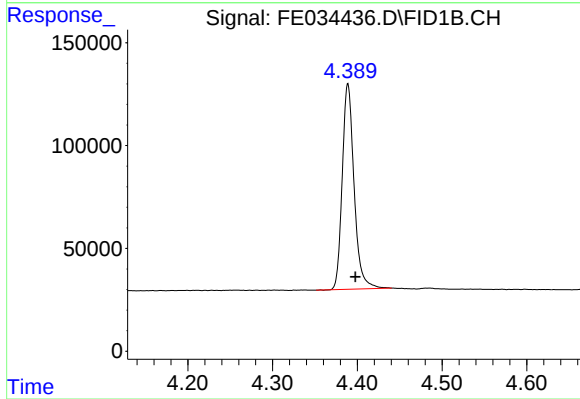
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





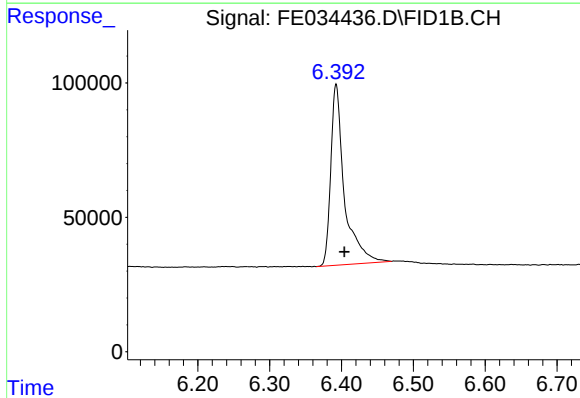
#1 N-OCTANE

R.T.: 2.363 min
Delta R.T.: 0.005 min
Response: 924573
Conc: 2.41 ug/ml



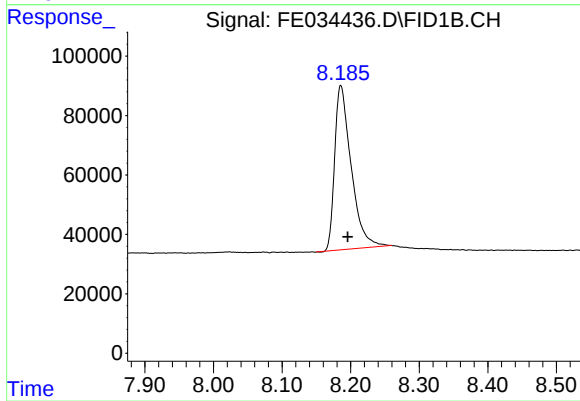
#2 N-DECANE

R.T.: 4.389 min
Delta R.T.: -0.009 min
Response: 970205
Conc: 2.53 ug/ml



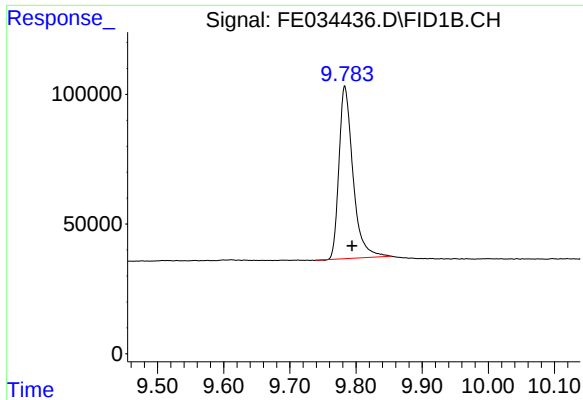
#3 N-DODECANE

R.T.: 6.393 min
Delta R.T.: -0.011 min
Response: 888524
Conc: 2.33 ug/ml



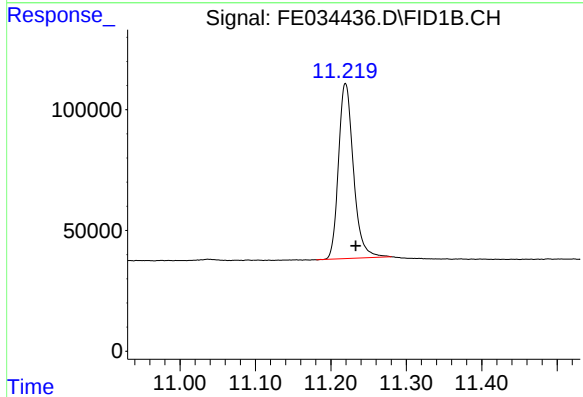
#4 N-TETRADECANE

R.T.: 8.186 min
Delta R.T.: -0.010 min
Response: 922070
Conc: 2.34 ug/ml



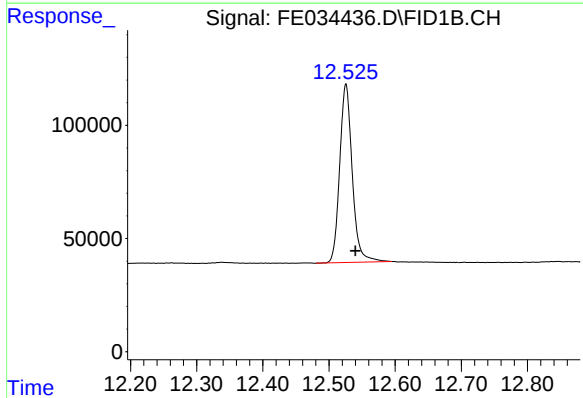
#5 N-HEXADECANE

R.T.: 9.783 min
Delta R.T.: -0.011 min
Response: 976301
Conc: 2.47 ug/ml



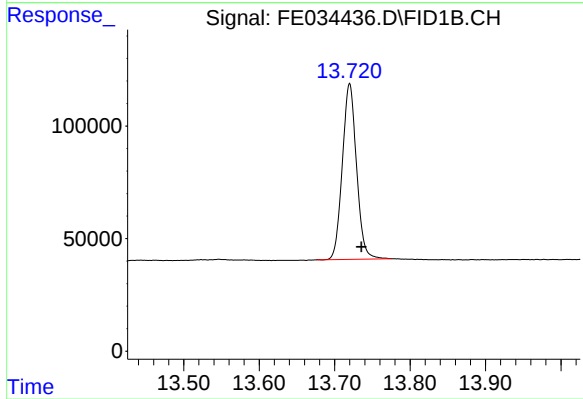
#6 N-OCTADECANE

R.T.: 11.219 min
Delta R.T.: -0.013 min
Response: 996105
Conc: 2.48 ug/ml



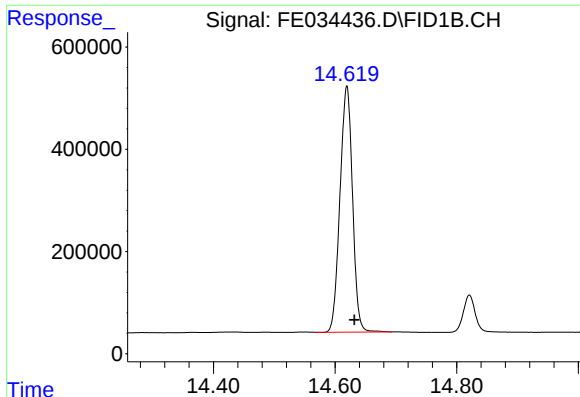
#7 N-EICOSANE

R.T.: 12.526 min
Delta R.T.: -0.014 min
Response: 1038977
Conc: 2.58 ug/ml



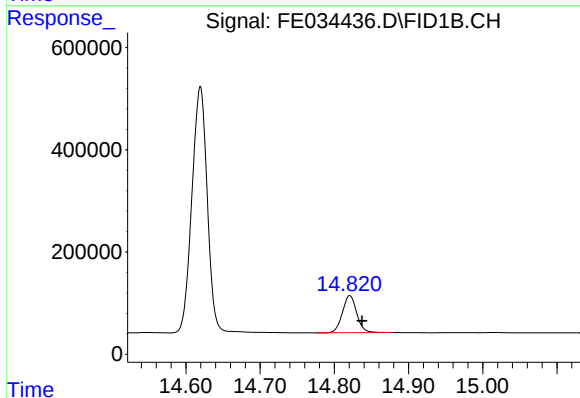
#8 N-DOCOSANE

R.T.: 13.720 min
Delta R.T.: -0.015 min
Response: 1017772
Conc: 2.59 ug/ml



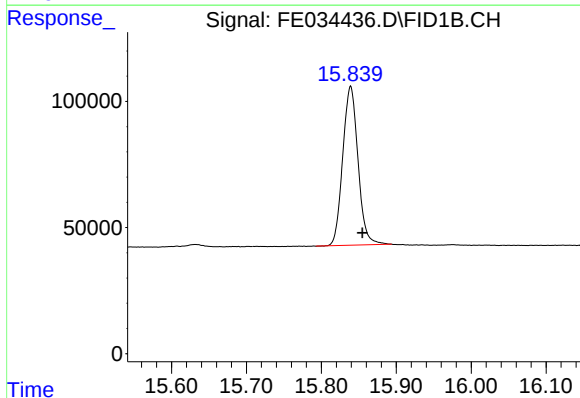
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.619 min
Delta R.T.: -0.012 min
Response: 6895072
Conc: 20.22 ug/ml



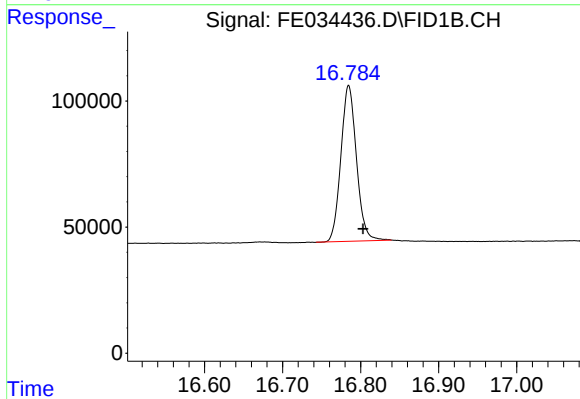
#10 N-TETRACOSANE

R.T.: 14.821 min
Delta R.T.: -0.017 min
Response: 975519
Conc: 2.51 ug/ml



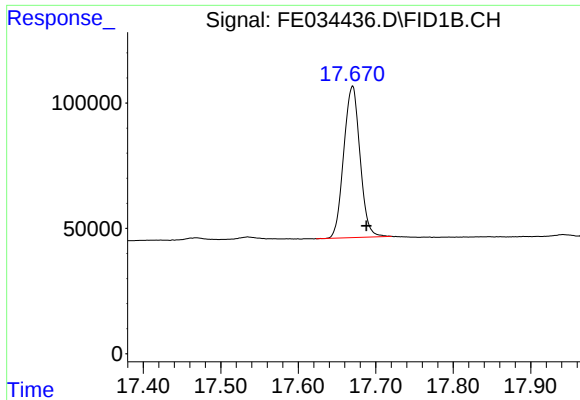
#11 N-HEXACOSANE

R.T.: 15.839 min
Delta R.T.: -0.016 min
Response: 890461
Conc: 2.33 ug/ml



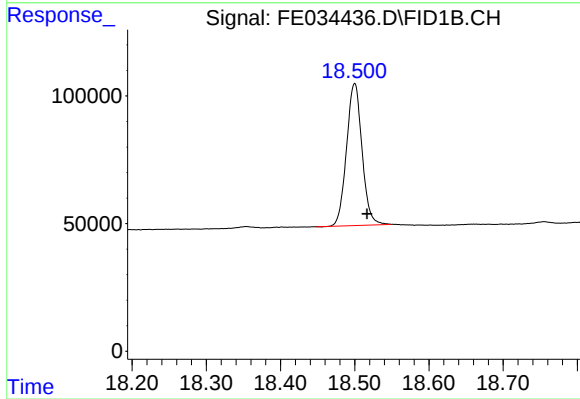
#12 N-OCTACOSANE

R.T.: 16.785 min
Delta R.T.: -0.018 min
Response: 857902
Conc: 2.27 ug/ml



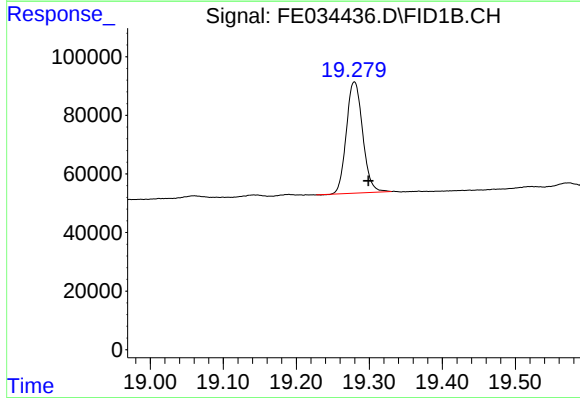
#13 N-TRIACONTANE

R.T.: 17.670 min
Delta R.T.: -0.018 min
Response: 878613
Conc: 2.36 ug/ml



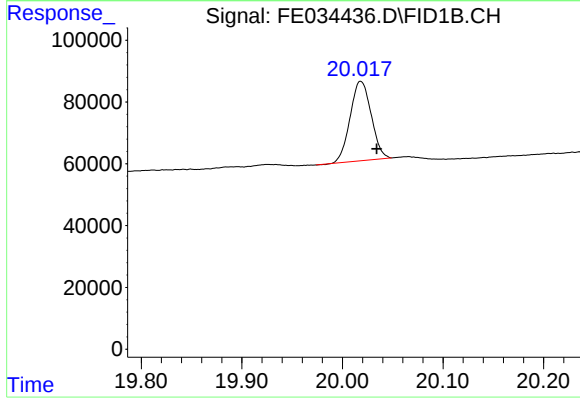
#14 N-DOTRIACONTANE

R.T.: 18.500 min
Delta R.T.: -0.017 min
Response: 807311
Conc: 2.25 ug/ml



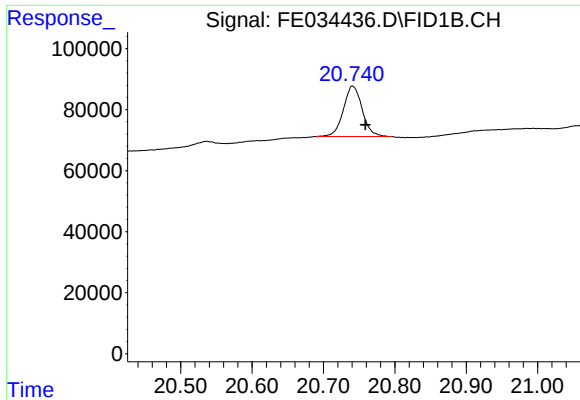
#15 N-TETRATRIACONTANE

R.T.: 19.280 min
Delta R.T.: -0.019 min
Response: 589178
Conc: 1.76 ug/ml



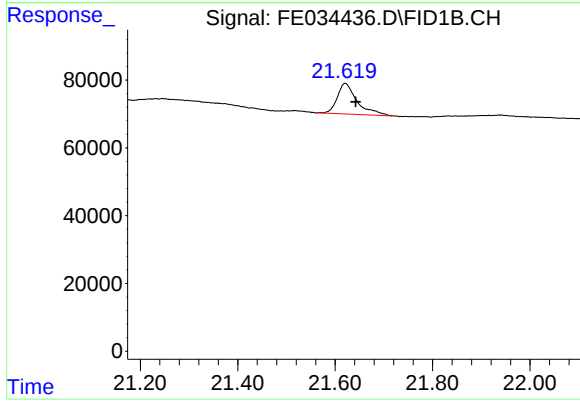
#16 N-HEXATRIACONTANE

R.T.: 20.018 min
Delta R.T.: -0.016 min
Response: 373441
Conc: 1.24 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.741 min
Delta R.T.: -0.018 min
Response: 302817
Conc: 1.10 ug/ml



#18 N-TETRACONTANE

R.T.: 21.621 min
Delta R.T.: -0.021 min
Response: 253956
Conc: 0.96 ug/ml