

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101821\
 Data File : FE034463.D
 Signal(s) : FID1B.CH
 Acq On : 18 Oct 2021 17:07
 Operator : AJ\MA
 Sample : M4068-10
 Misc : LOD 1 PPM
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 23:54:52 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...	14.615	5541603	16.251 ug/ml
Target Compounds			
1) N-OCTANE	2.362	301426	0.784 ug/ml
2) N-DECANE	4.388	274833	0.715 ug/ml
4) N-TETRADECANE	8.213	213310	0.542 ug/ml
5) N-HEXADECANE	9.798	262343	0.664 ug/ml
6) N-OCTADECANE	11.228	274707	0.684 ug/ml
7) N-EICOSANE	12.529	317439	0.789 ug/ml
8) N-DOCOSANE	13.717	357562	0.910 ug/ml
10) N-TETRACOSANE	14.819	335896	0.863 ug/ml
11) N-HEXACOSANE	15.839	301754	0.791 ug/ml
12) N-OCTACOSANE	16.783	345980	0.917 ug/ml
13) N-TRIACONTANE	17.666	489861	1.314 ug/ml
14) N-DOTRIACONTANE	18.497	508646	1.420 ug/ml
15) N-TETRATRIACONTANE	19.279	364419	1.090 ug/ml
16) N-HEXATRIACONTANE	20.019	190962	0.632 ug/ml
17) N-OCTATRIACONTANE	20.741	145577	0.531 ug/ml

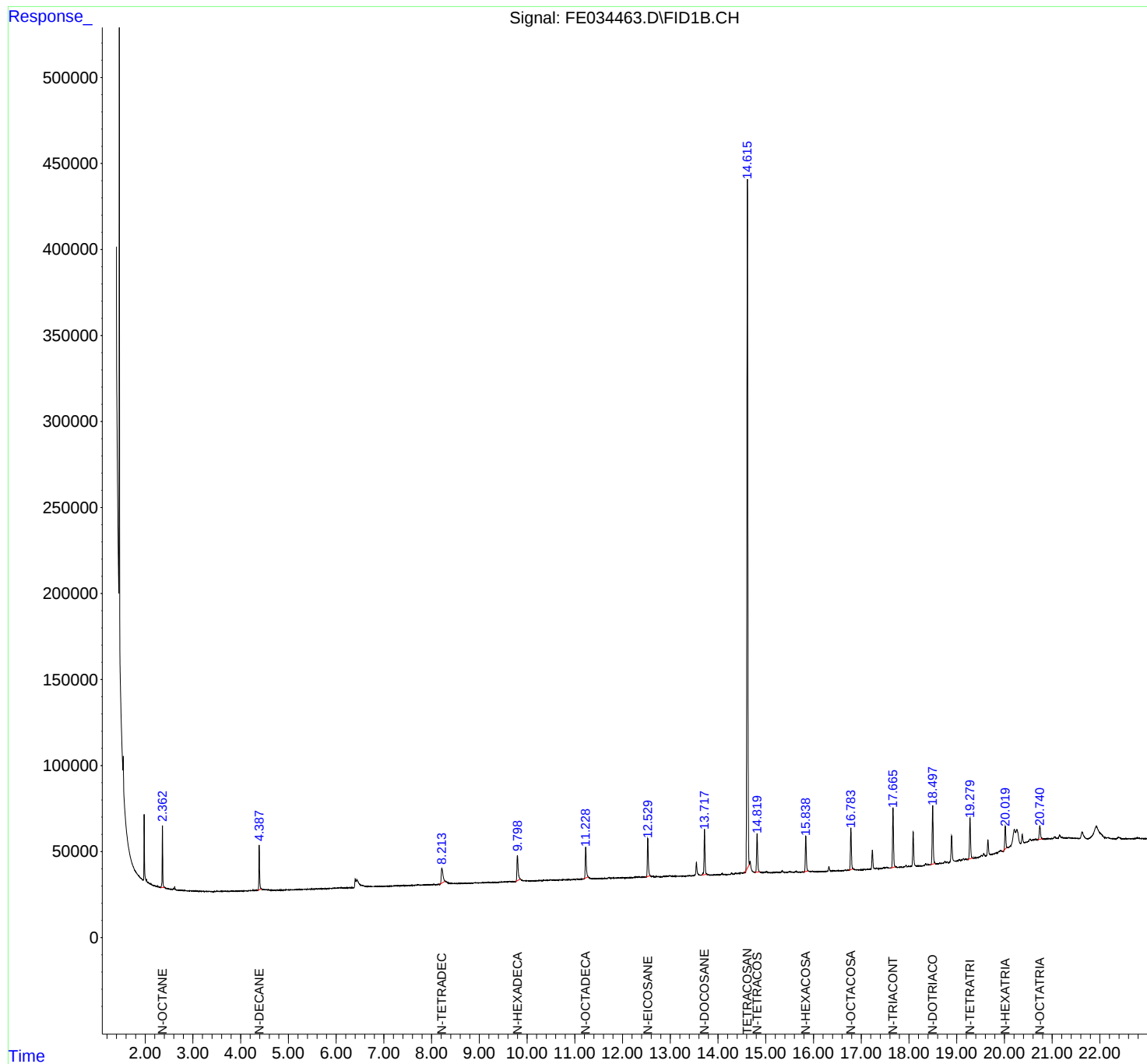
(f)=RT Delta > 1/2 Window

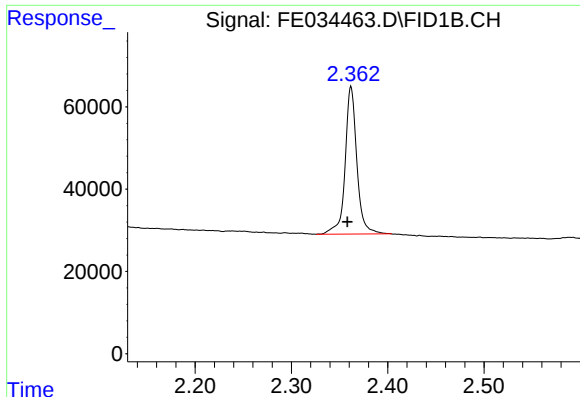
(m)=manual int.

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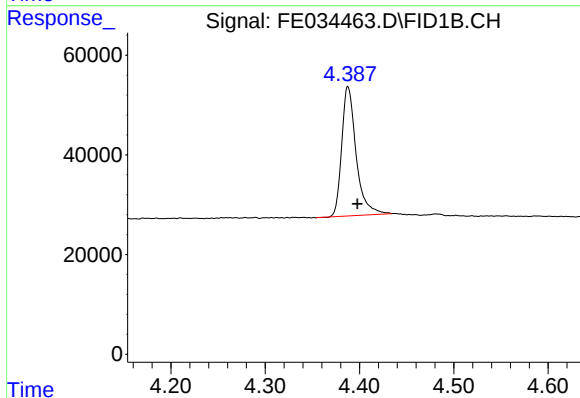
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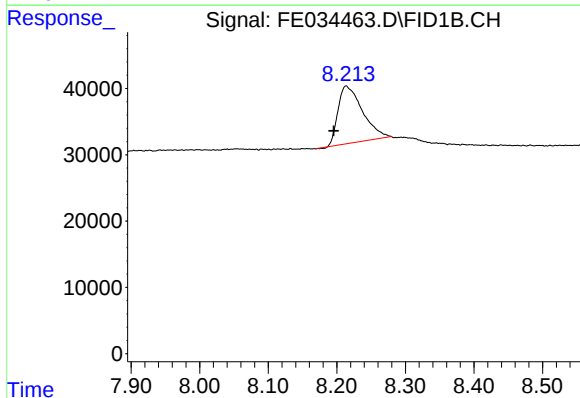
#1 N-OCTANE

R.T.: 2.362 min
Delta R.T.: 0.004 min
Response: 301426
Conc: 0.78 ug/ml



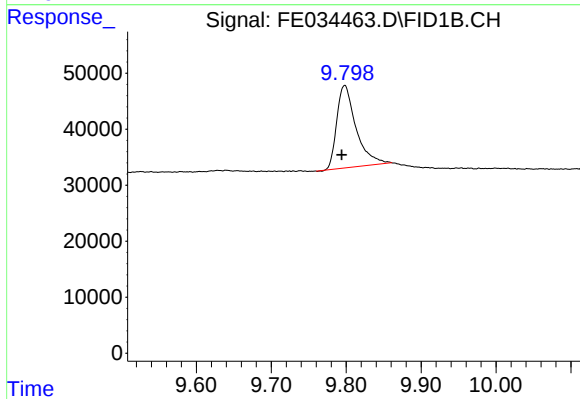
#2 N-DECANE

R.T.: 4.388 min
Delta R.T.: -0.010 min
Response: 274833
Conc: 0.72 ug/ml



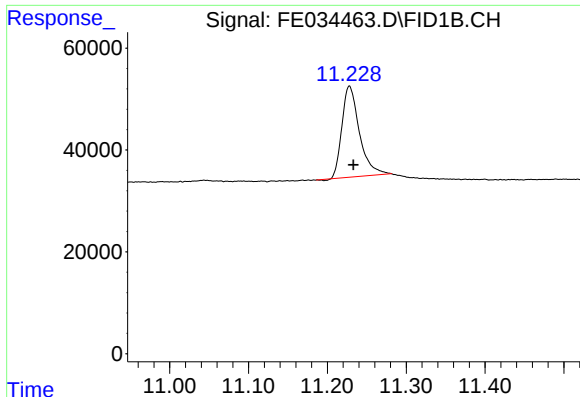
#4 N-TETRADECANE

R.T.: 8.213 min
Delta R.T.: 0.018 min
Response: 213310
Conc: 0.54 ug/ml



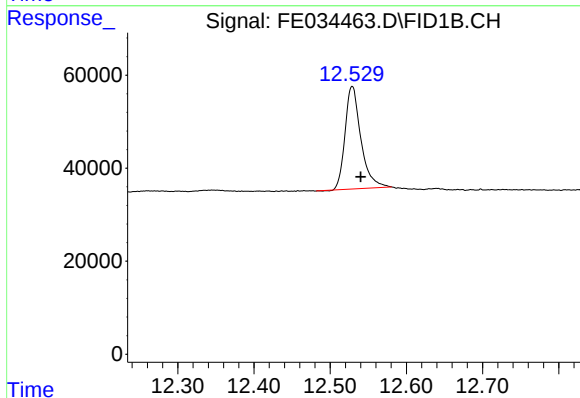
#5 N-HEXADECANE

R.T.: 9.798 min
Delta R.T.: 0.004 min
Response: 262343
Conc: 0.66 ug/ml



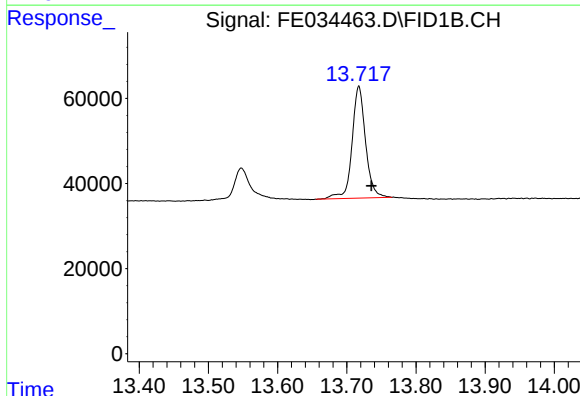
#6 N-OCTADECANE

R.T.: 11.228 min
Delta R.T.: -0.005 min
Response: 274707
Conc: 0.68 ug/ml



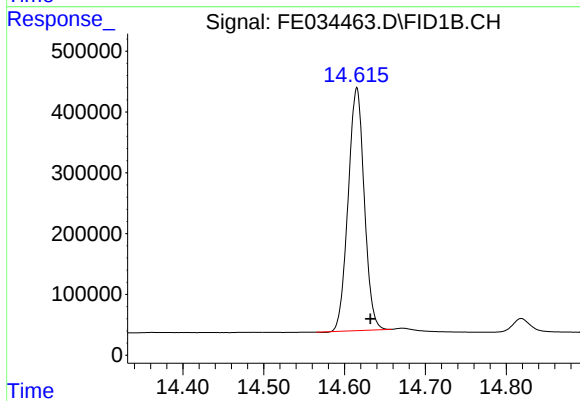
#7 N-EICOSANE

R.T.: 12.529 min
Delta R.T.: -0.011 min
Response: 317439
Conc: 0.79 ug/ml



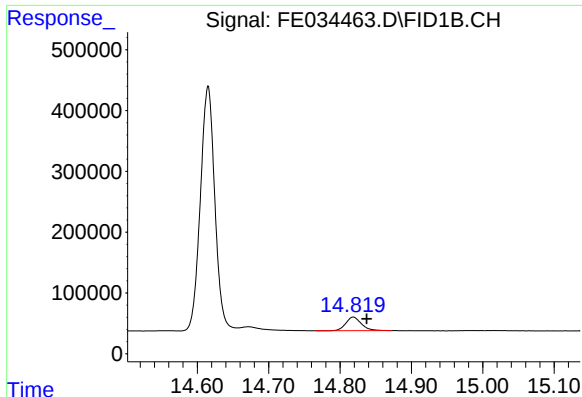
#8 N-DOCOSANE

R.T.: 13.717 min
Delta R.T.: -0.018 min
Response: 357562
Conc: 0.91 ug/ml



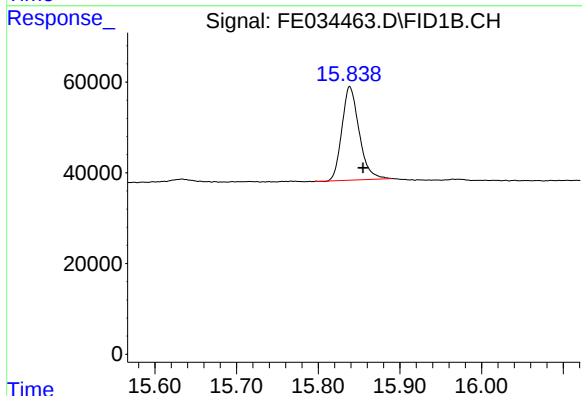
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.615 min
Delta R.T.: -0.017 min
Response: 5541603
Conc: 16.25 ug/ml



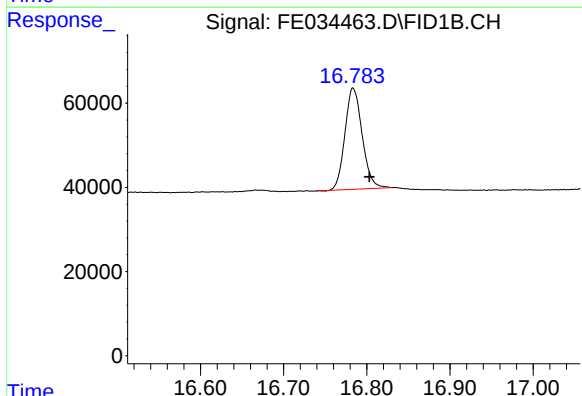
#10 N-TETRACOSANE

R.T.: 14.819 min
Delta R.T.: -0.019 min
Response: 335896
Conc: 0.86 ug/ml



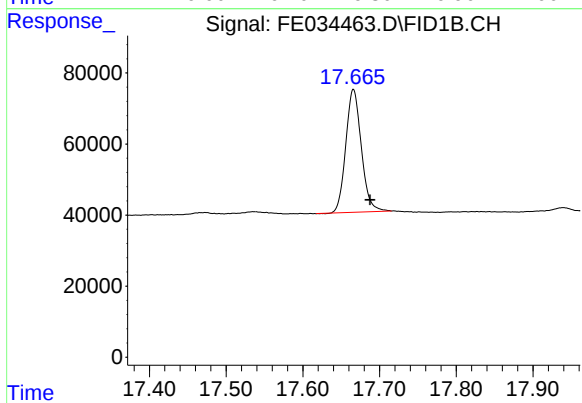
#11 N-HEXACOSANE

R.T.: 15.839 min
Delta R.T.: -0.016 min
Response: 301754
Conc: 0.79 ug/ml



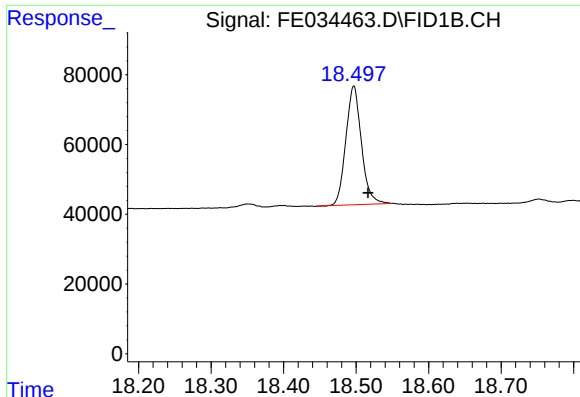
#12 N-OCTACOSANE

R.T.: 16.783 min
Delta R.T.: -0.020 min
Response: 345980
Conc: 0.92 ug/ml



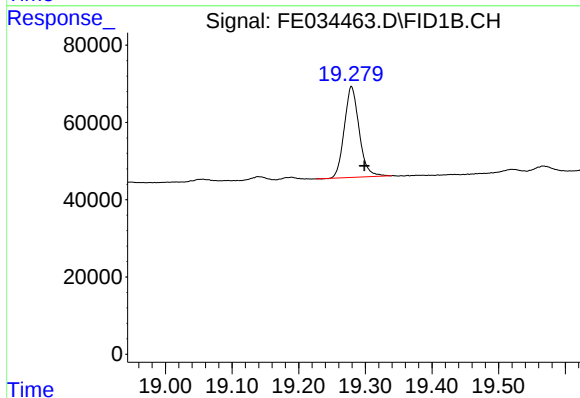
#13 N-TRIACONTANE

R.T.: 17.666 min
Delta R.T.: -0.022 min
Response: 489861
Conc: 1.31 ug/ml



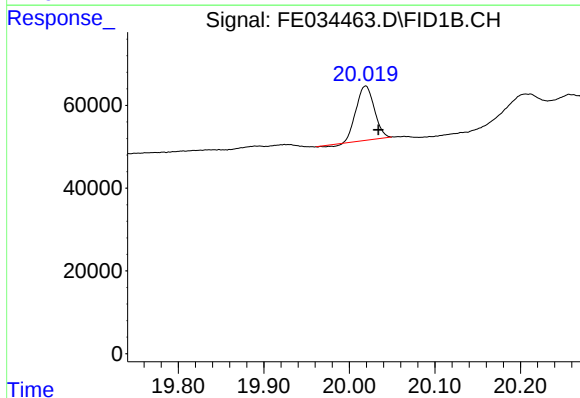
#14 N-DOTRIACONTANE

R.T.: 18.497 min
Delta R.T.: -0.020 min
Response: 508646
Conc: 1.42 ug/ml



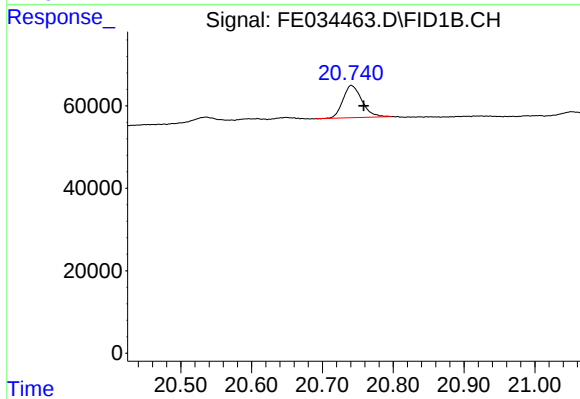
#15 N-TETRATRIACONTANE

R.T.: 19.279 min
Delta R.T.: -0.019 min
Response: 364419
Conc: 1.09 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.019 min
Delta R.T.: -0.015 min
Response: 190962
Conc: 0.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.741 min
Delta R.T.: -0.018 min
Response: 145577
Conc: 0.53 ug/ml