

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041519AL\
 Data File : FC040597.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2019 14:03
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : LOD 2.5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 05:05:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.461	2555191	25.868 ug/ml
Spiked Amount 50.000		Recovery =	51.74%
Target Compounds			
1) T n-Nonane (C9)	2.862	83081	1.007 ug/ml
2) T n-Decane (C10)	3.884	102586	1.212 ug/ml
4) T n-Dodecane (C12)	5.879	117282	1.358 ug/ml
6) T n-Tetradecane (C14)	7.670	130652	1.433 ug/ml
7) T n-Hexadecane (C16)	9.268	155316	1.616 ug/ml
8) T n-Octadecane (C18)	10.707	169534	1.690 ug/ml
10) T n-Eicosane (C20)	12.014	164274	1.614 ug/ml
11) T n-Heneicosane (C21)	12.624	154913	1.536 ug/ml
13) T n-Docosane (C22)	13.209	161244	1.604 ug/ml
14) T n-Tetracosane (C24)	14.310	175771	1.765 ug/ml
15) T n-Hexacosane (C26)	15.329	168126	1.717 ug/ml
16) T n-Octacosane (C28)	16.279	196817	2.006 ug/ml
17) T n-Tricontane (C30)	17.167	232003	2.371 ug/ml
18) T n-Dotriacontane (C32)	18.000	232481	2.402 ug/ml
19) T n-Tetratriacontane (C34)	18.819	198298	2.366 ug/ml
20) T n-Hexatriacontane (C36)	19.847	166687	2.264 ug/ml

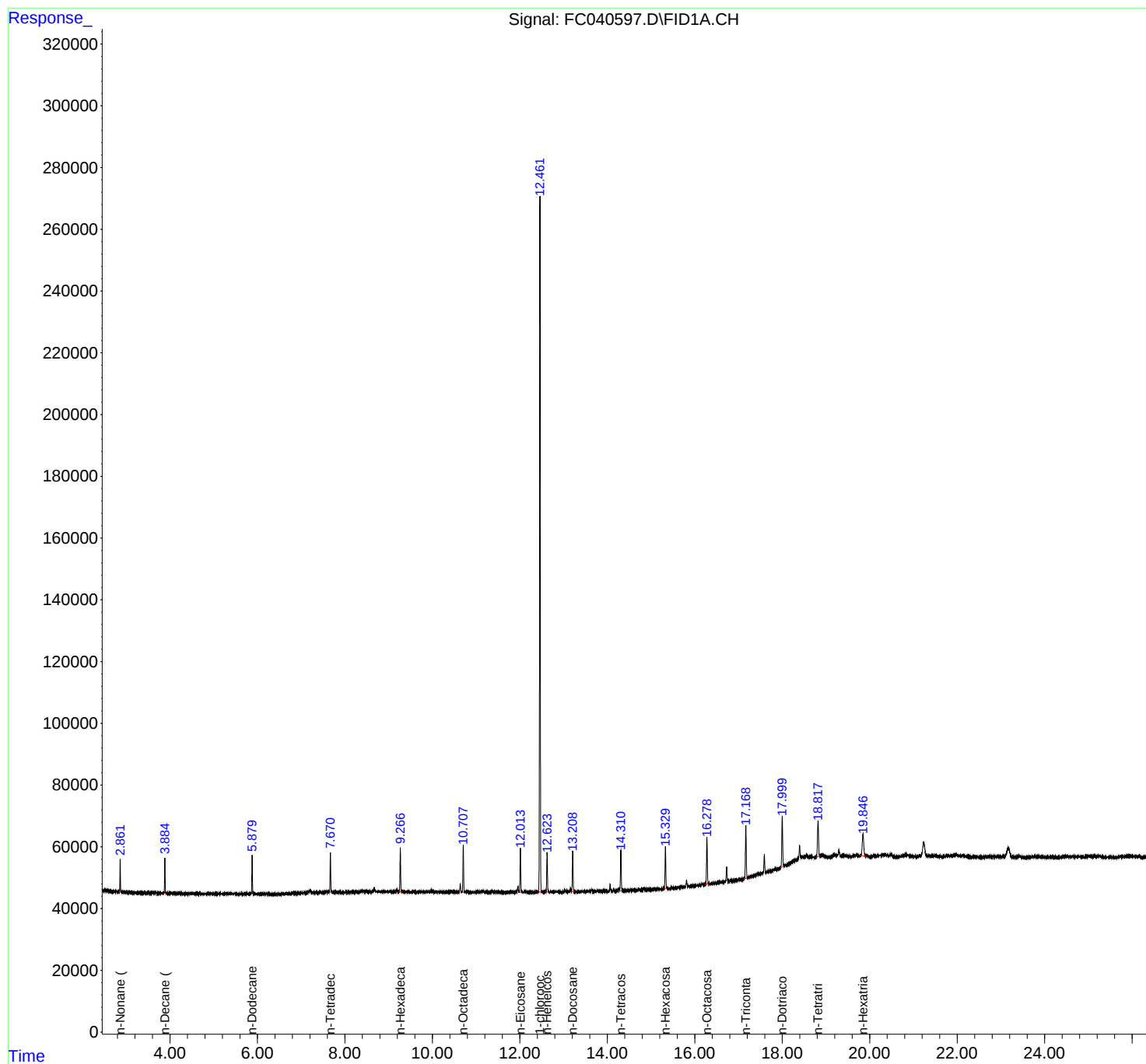
(f)=RT Delta > 1/2 Window

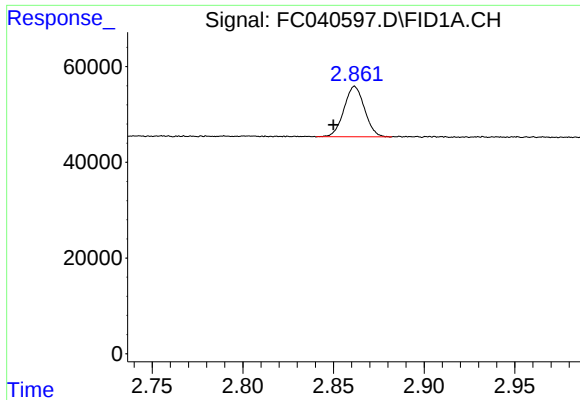
(m)=manual int.

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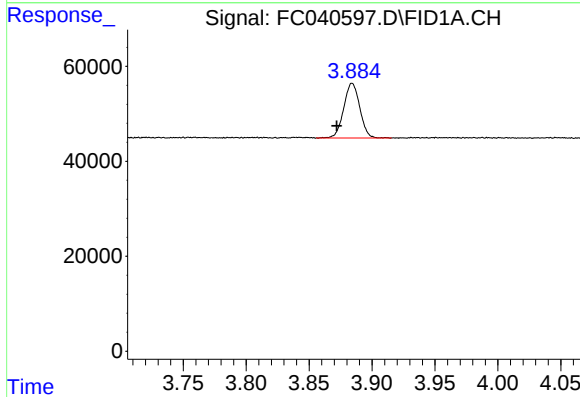
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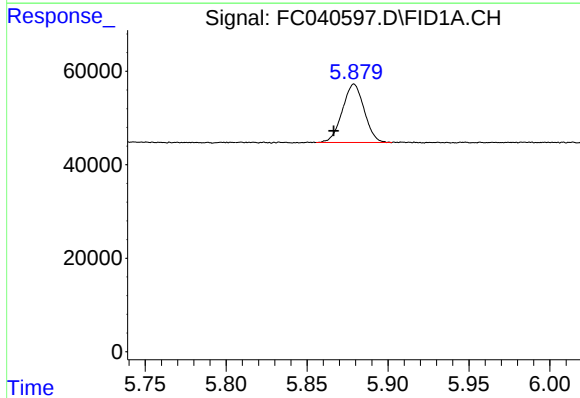
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: 0.012 min
Response: 83081
Conc: 1.01 ug/ml



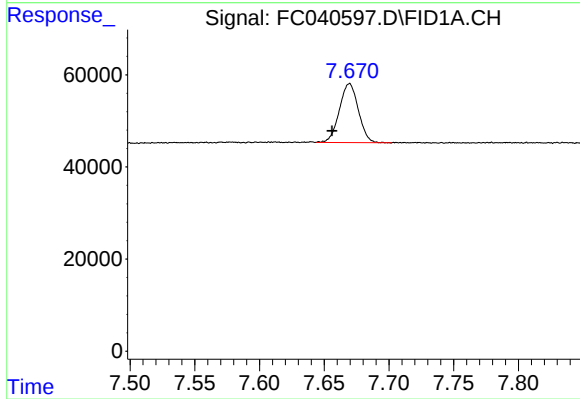
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.012 min
Response: 102586
Conc: 1.21 ug/ml



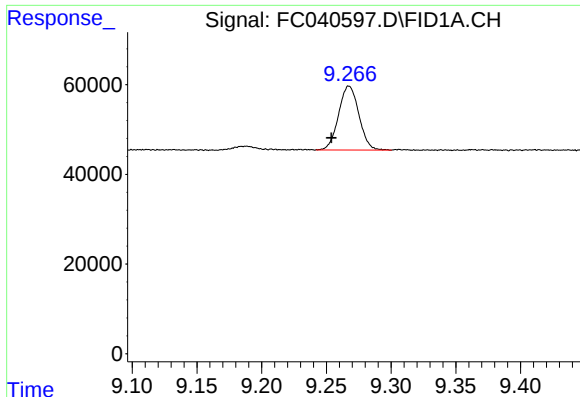
#4 n-Dodecane (C12)

R.T.: 5.879 min
Delta R.T.: 0.012 min
Response: 117282
Conc: 1.36 ug/ml



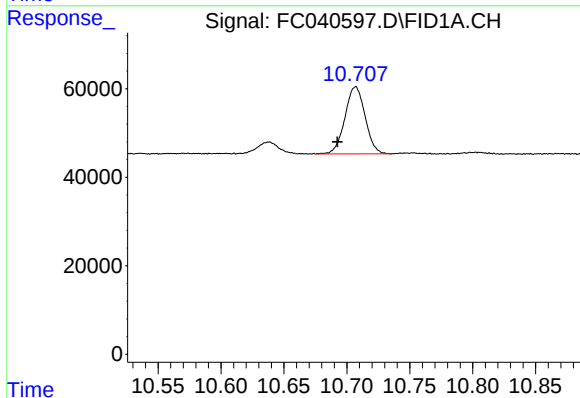
#6 n-Tetradecane (C14)

R.T.: 7.670 min
Delta R.T.: 0.014 min
Response: 130652
Conc: 1.43 ug/ml



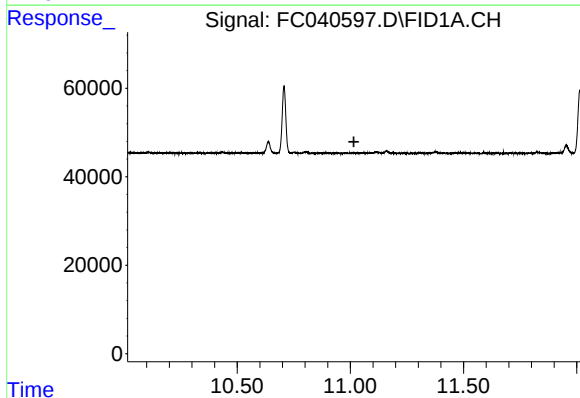
#7 n-Hexadecane (C16)

R.T.: 9.268 min
Delta R.T.: 0.014 min
Response: 155316
Conc: 1.62 ug/ml



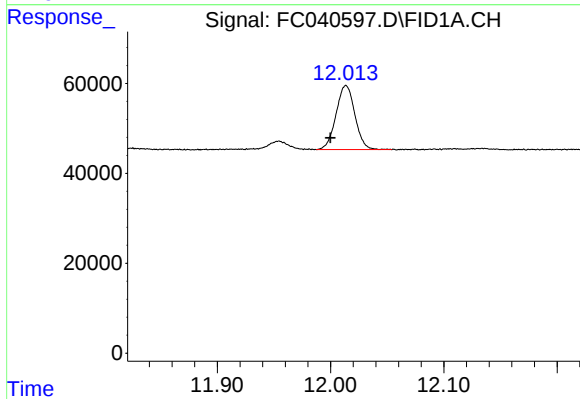
#8 n-Octadecane (C18)

R.T.: 10.707 min
Delta R.T.: 0.014 min
Response: 169534
Conc: 1.69 ug/ml



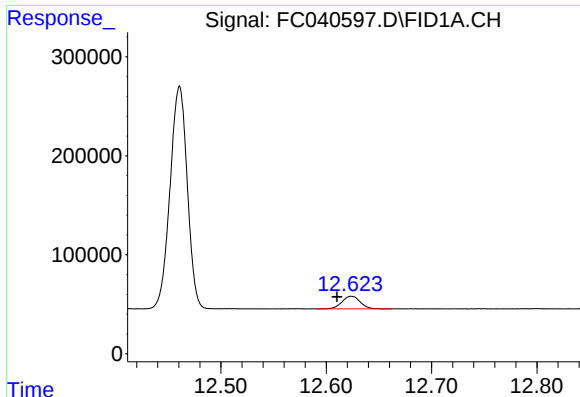
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.016 min
Response: 0
Conc: N.D.



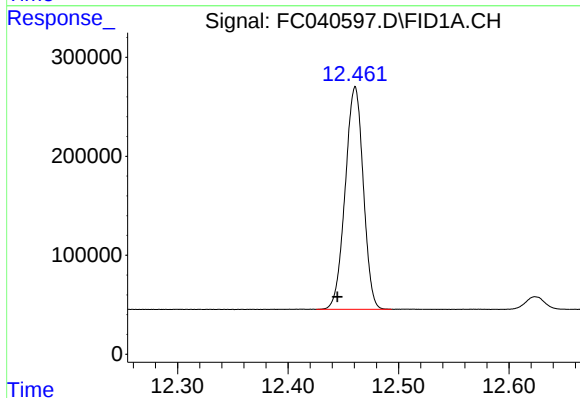
#10 n-Eicosane (C20)

R.T.: 12.014 min
Delta R.T.: 0.014 min
Response: 164274
Conc: 1.61 ug/ml



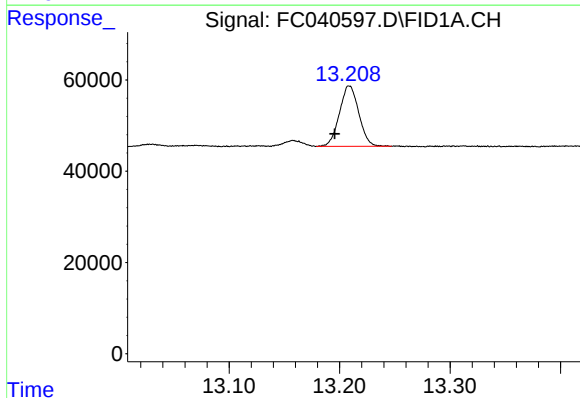
#11 n-Heneicosane (C21)

R.T.: 12.624 min
Delta R.T.: 0.014 min
Response: 154913
Conc: 1.54 ug/ml



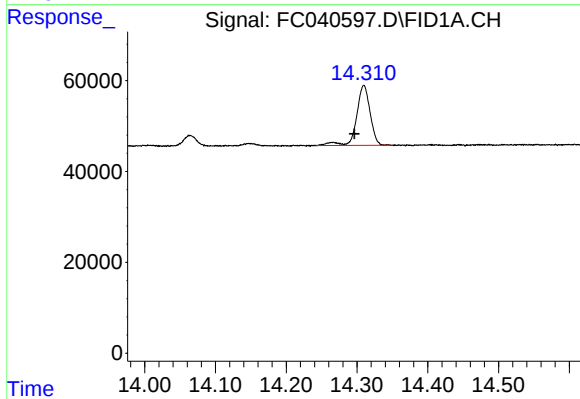
#12 1-chlorooctadecane (SURR)

R.T.: 12.461 min
Delta R.T.: 0.016 min
Response: 2555191
Conc: 25.87 ug/ml



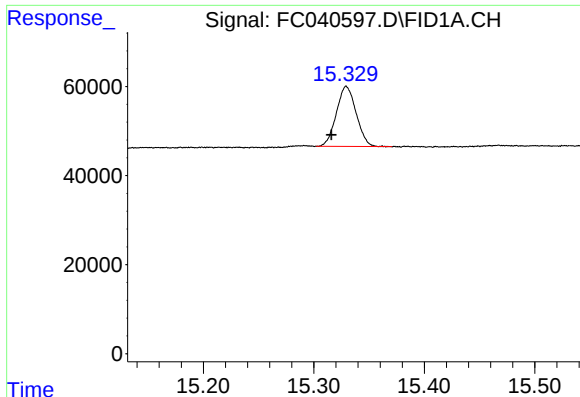
#13 n-Docosane (C22)

R.T.: 13.209 min
Delta R.T.: 0.013 min
Response: 161244
Conc: 1.60 ug/ml



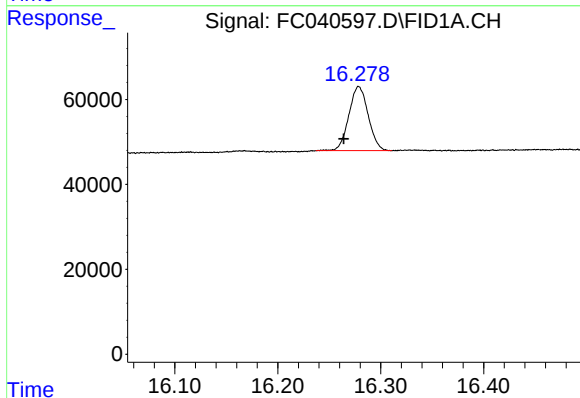
#14 n-Tetracosane (C24)

R.T.: 14.310 min
Delta R.T.: 0.013 min
Response: 175771
Conc: 1.77 ug/ml



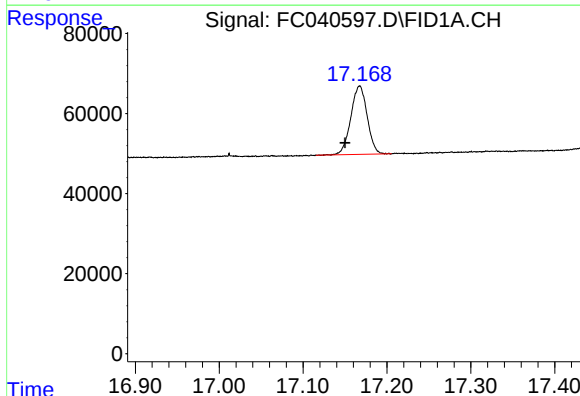
#15 n-Hexacosane (C26)

R.T.: 15.329 min
Delta R.T.: 0.013 min
Response: 168126
Conc: 1.72 ug/ml



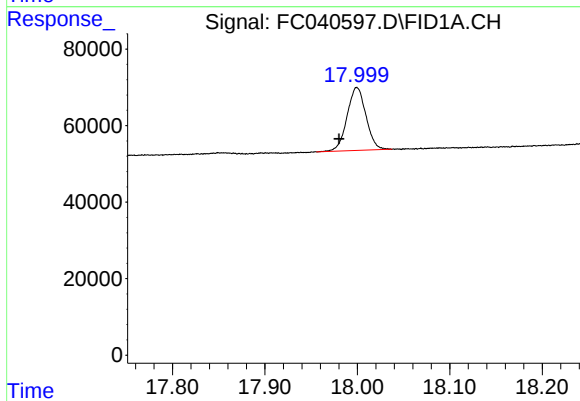
#16 n-Octacosane (C28)

R.T.: 16.279 min
Delta R.T.: 0.015 min
Response: 196817
Conc: 2.01 ug/ml



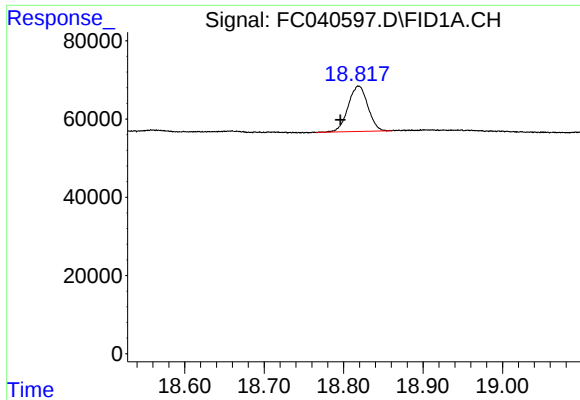
#17 n-Tricontane (C30)

R.T.: 17.167 min
Delta R.T.: 0.018 min
Response: 232003
Conc: 2.37 ug/ml



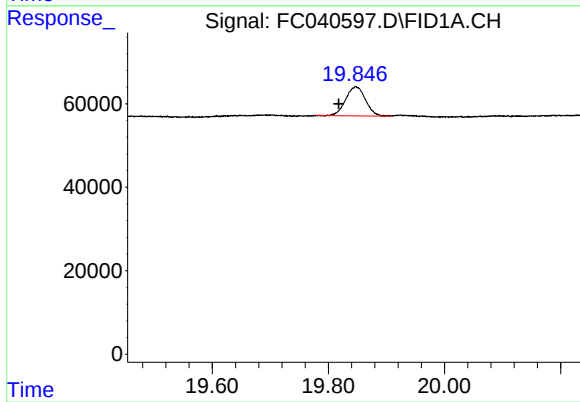
#18 n-Dotriacontane (C32)

R.T.: 18.000 min
Delta R.T.: 0.019 min
Response: 232481
Conc: 2.40 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.819 min
Delta R.T.: 0.023 min
Response: 198298
Conc: 2.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.847 min
Delta R.T.: 0.029 min
Response: 166687
Conc: 2.26 ug/ml