

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041519AL\
 Data File : FC040594.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2019 12:14
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 2.5 PPM
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 05:04:11 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	2603263	26.354 ug/ml
Spiked Amount 50.000		Recovery =	52.71%
Target Compounds			
1) T n-Nonane (C9)	2.861	82918	1.005 ug/ml
2) T n-Decane (C10)	3.884	102305	1.209 ug/ml
4) T n-Dodecane (C12)	5.879	121081	1.402 ug/ml
6) T n-Tetradecane (C14)	7.670	133967	1.470 ug/ml
7) T n-Hexadecane (C16)	9.268	157067	1.634 ug/ml
8) T n-Octadecane (C18)	10.707	170933	1.704 ug/ml
10) T n-Eicosane (C20)	12.014	166492	1.636 ug/ml
11) T n-Heneicosane (C21)	12.625	155730	1.544 ug/ml
13) T n-Docosane (C22)	13.209	165012	1.642 ug/ml
14) T n-Tetracosane (C24)	14.311	165300	1.660 ug/ml
15) T n-Hexacosane (C26)	15.331	168459	1.721 ug/ml
16) T n-Octacosane (C28)	16.280	198756	2.026 ug/ml
17) T n-Tricontane (C30)	17.168	233041	2.382 ug/ml
18) T n-Dotriacontane (C32)	18.001	246394	2.546 ug/ml
19) T n-Tetratriacontane (C34)	18.819	202476	2.415 ug/ml
20) T n-Hexatriacontane (C36)	19.851	156315	2.123 ug/ml

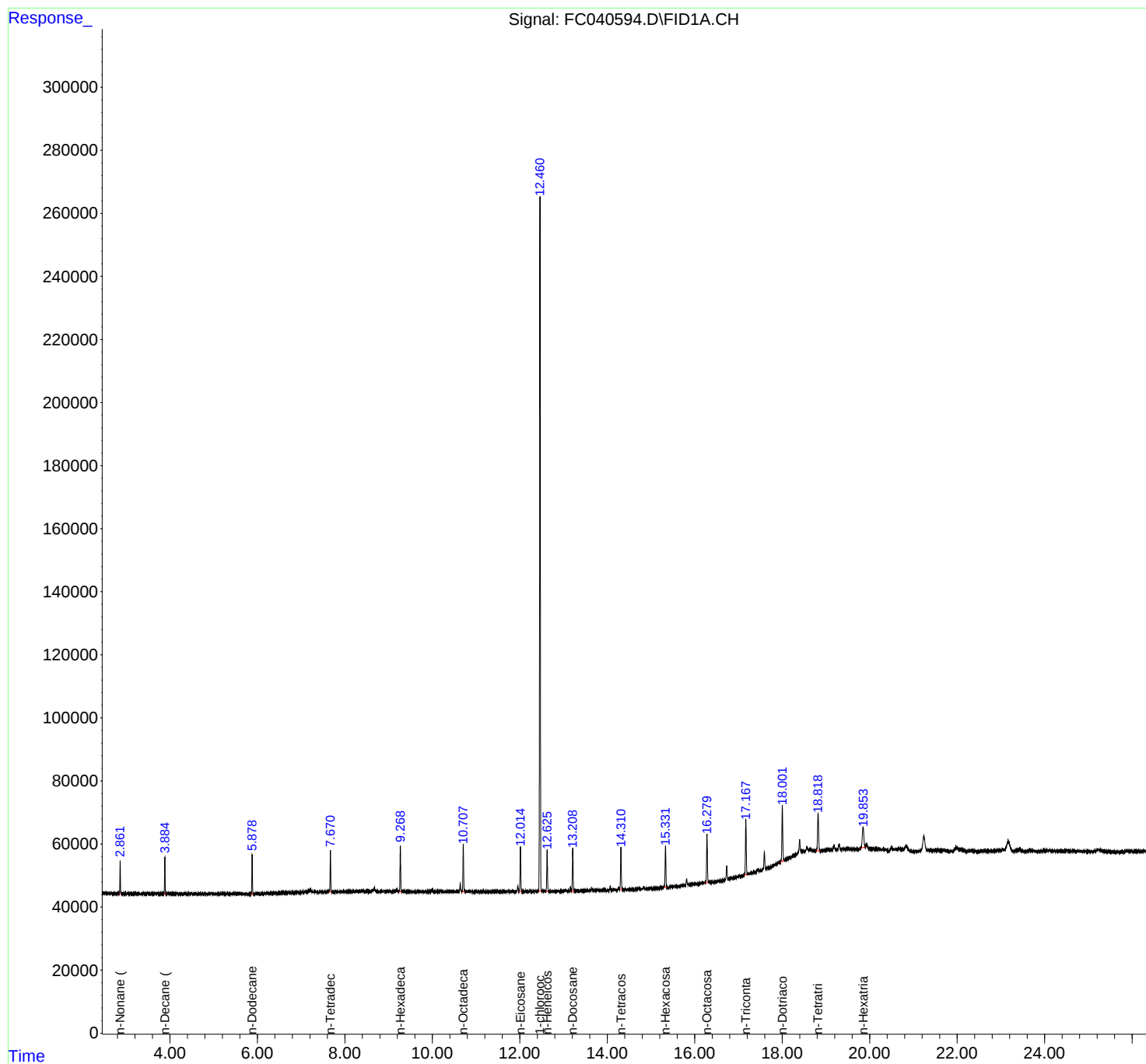
(f)=RT Delta > 1/2 Window

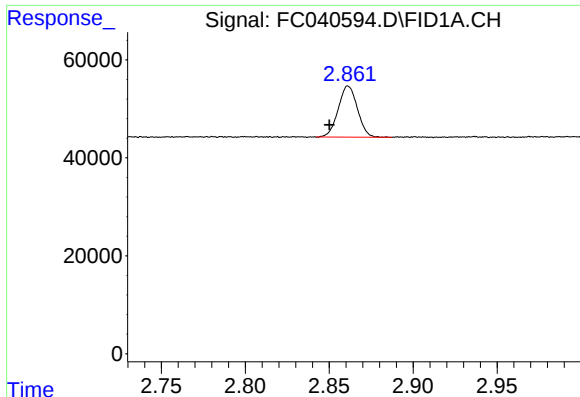
(m)=manual int.

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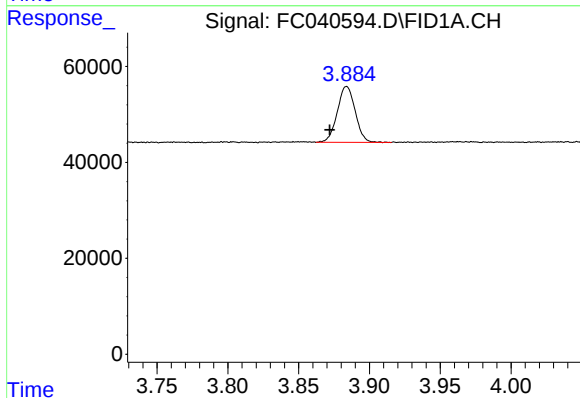
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Signal Info : 20M x 0.18mm x 0.18um





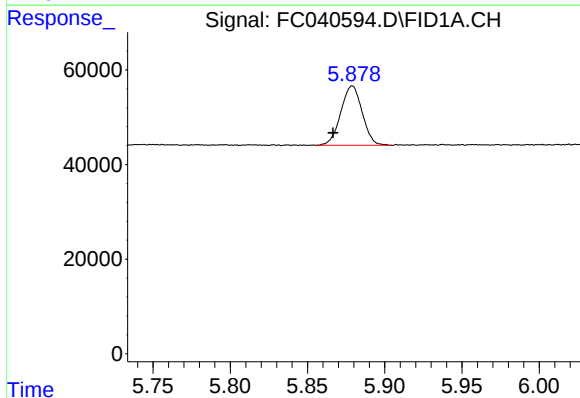
#1 n-Nonane (C9)

R.T.: 2.861 min
Delta R.T.: 0.011 min
Response: 82918
Conc: 1.00 ug/ml



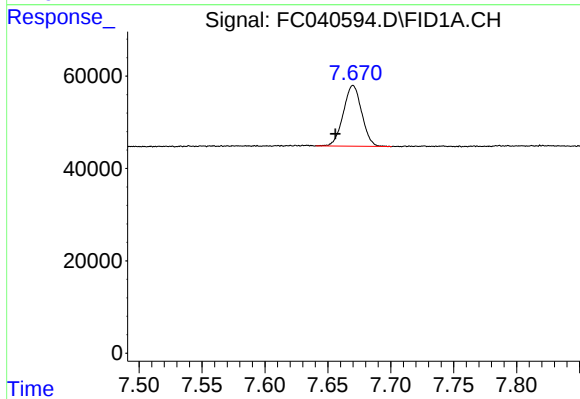
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.012 min
Response: 102305
Conc: 1.21 ug/ml



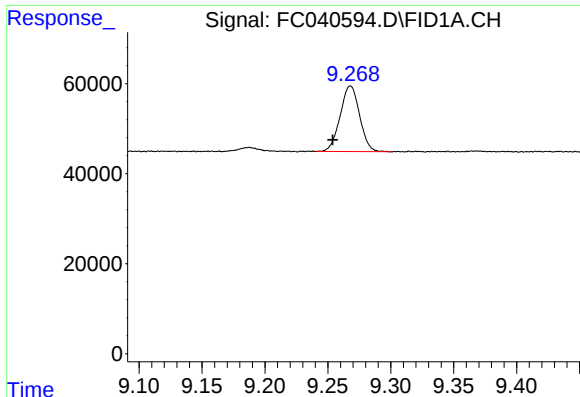
#4 n-Dodecane (C12)

R.T.: 5.879 min
Delta R.T.: 0.012 min
Response: 121081
Conc: 1.40 ug/ml



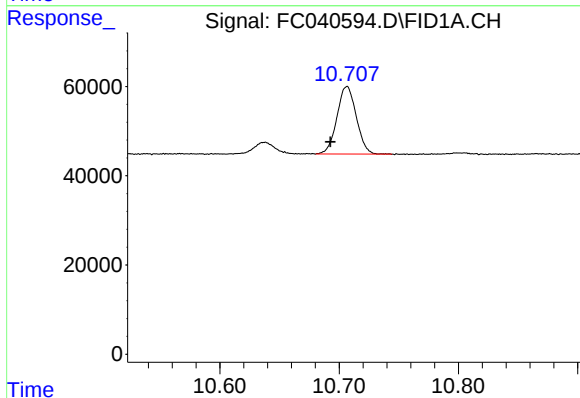
#6 n-Tetradecane (C14)

R.T.: 7.670 min
Delta R.T.: 0.014 min
Response: 133967
Conc: 1.47 ug/ml



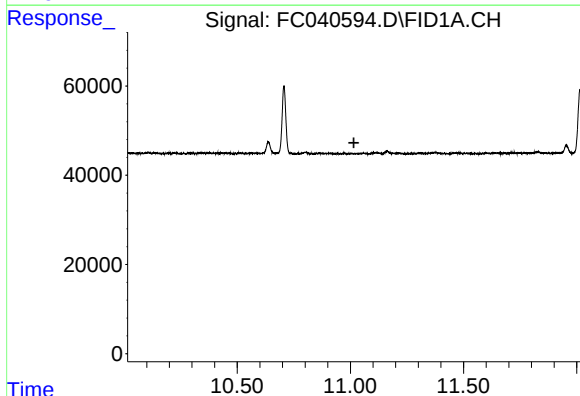
#7 n-Hexadecane (C16)

R.T.: 9.268 min
Delta R.T.: 0.014 min
Response: 157067
Conc: 1.63 ug/ml



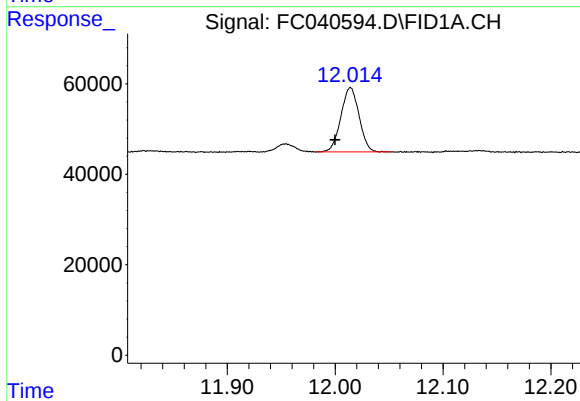
#8 n-Octadecane (C18)

R.T.: 10.707 min
Delta R.T.: 0.014 min
Response: 170933
Conc: 1.70 ug/ml



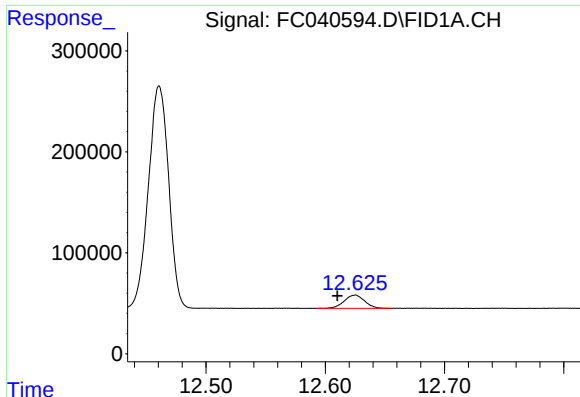
#9 ortho-Terphenyl (SURR)

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



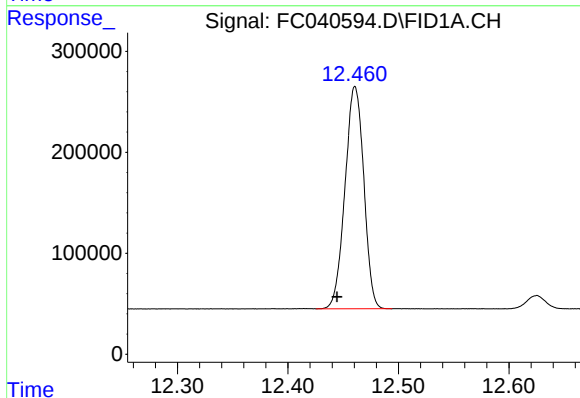
#10 n-Eicosane (C20)

R.T.: 12.014 min
Delta R.T.: 0.014 min
Response: 166492
Conc: 1.64 ug/ml



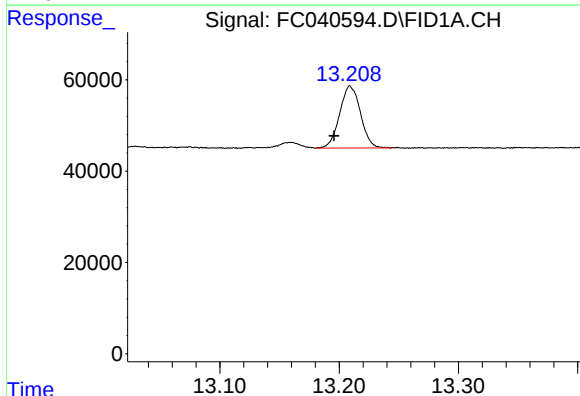
#11 n-Heneicosane (C21)

R.T.: 12.625 min
Delta R.T.: 0.015 min
Response: 155730
Conc: 1.54 ug/ml



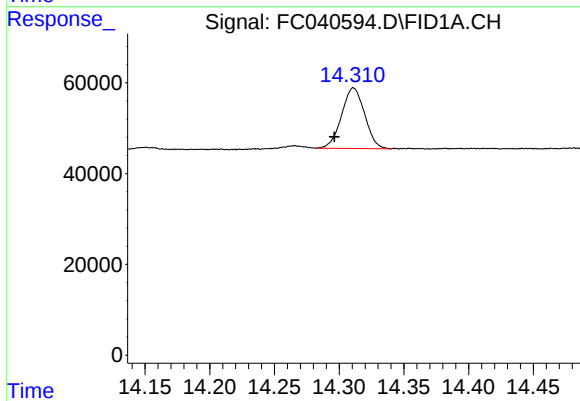
#12 1-chlorooctadecane (SURR)

R.T.: 12.461 min
Delta R.T.: 0.016 min
Response: 2603263
Conc: 26.35 ug/ml



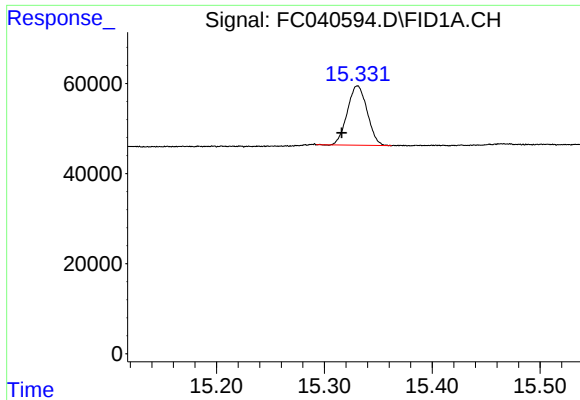
#13 n-Docosane (C22)

R.T.: 13.209 min
Delta R.T.: 0.013 min
Response: 165012
Conc: 1.64 ug/ml



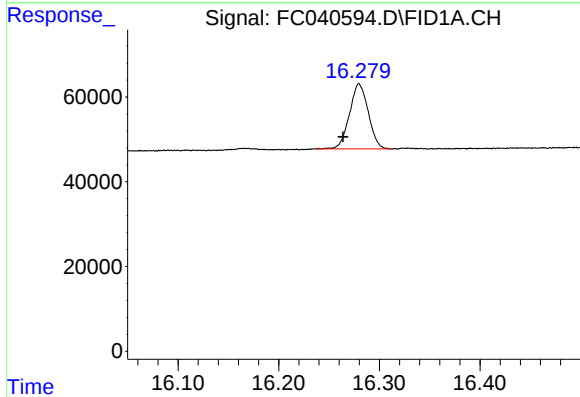
#14 n-Tetracosane (C24)

R.T.: 14.311 min
Delta R.T.: 0.015 min
Response: 165300
Conc: 1.66 ug/ml



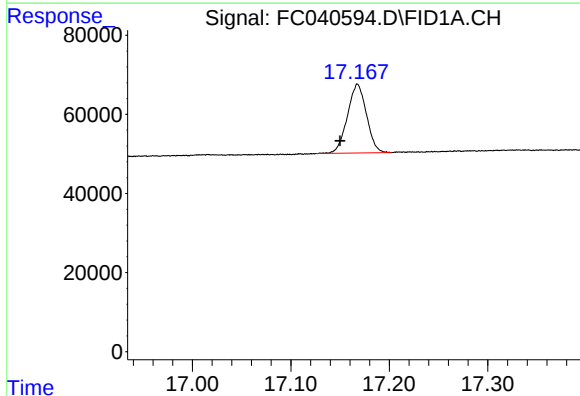
#15 n-Hexacosane (C26)

R.T.: 15.331 min
Delta R.T.: 0.015 min
Response: 168459
Conc: 1.72 ug/ml



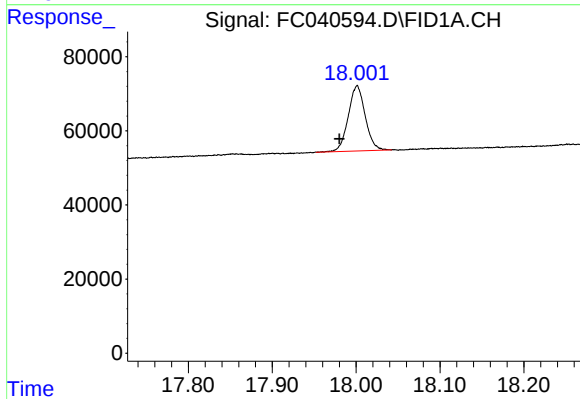
#16 n-Octacosane (C28)

R.T.: 16.280 min
Delta R.T.: 0.016 min
Response: 198756
Conc: 2.03 ug/ml



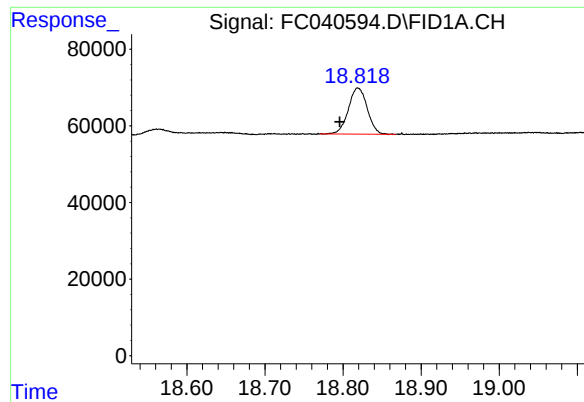
#17 n-Tricontane (C30)

R.T.: 17.168 min
Delta R.T.: 0.018 min
Response: 233041
Conc: 2.38 ug/ml



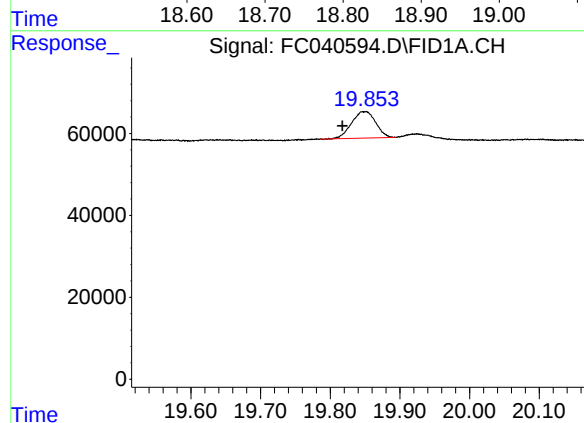
#18 n-Dotriacontane (C32)

R.T.: 18.001 min
Delta R.T.: 0.021 min
Response: 246394
Conc: 2.55 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.819 min
Delta R.T.: 0.023 min
Response: 202476
Conc: 2.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: 0.033 min
Response: 156315
Conc: 2.12 ug/ml