

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122021AL\
 Data File : FC057625.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2021 17:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 01:13:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 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			
9) S ortho-Terphenyl (SURR)	10.795f	3012428	21.648 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
12) S 1-chlorooctadecane (S...	12.235	2290747	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
2) T n-Decane (C10)	3.673	2899628	23.280 ug/ml
3) T A~Naphthalene (C11.7)	5.226	3222112	23.225 ug/ml
4) T n-Dodecane (C12)	5.659	2891690	23.416 ug/ml
5) T A~2-methylnaphthalene...	6.274	3262951	23.333 ug/ml
6) T n-Tetradecane (C14)	7.448	2882831	23.281 ug/ml
7) T n-Hexadecane (C16)	9.046	2843912	22.681 ug/ml
8) T n-Octadecane (C18)	10.486	2871341	22.183 ug/ml
10) T n-Eicosane (C20)	11.793	2762931	21.268 ug/ml
11) T n-Heneicosane (C21)	12.404	2729657	20.799 ug/ml
13) T n-Docosane (C22)	12.990	2679285	20.384 ug/ml
14) T n-Tetracosane (C24)	14.092	2636421	19.822 ug/ml
15) T n-Hexacosane (C26)	15.113	2544131	19.402 ug/ml
16) T n-Octacosane (C28)	16.062	2497032	18.988 ug/ml
17) T n-Tricontane (C30)	16.950	2522464	18.457 ug/ml
18) T n-Dotriacontane (C32)	17.784	2491993	18.586 ug/ml
21) T n-Octatriacontane (C38)	20.027	2011846	18.318 ug/ml

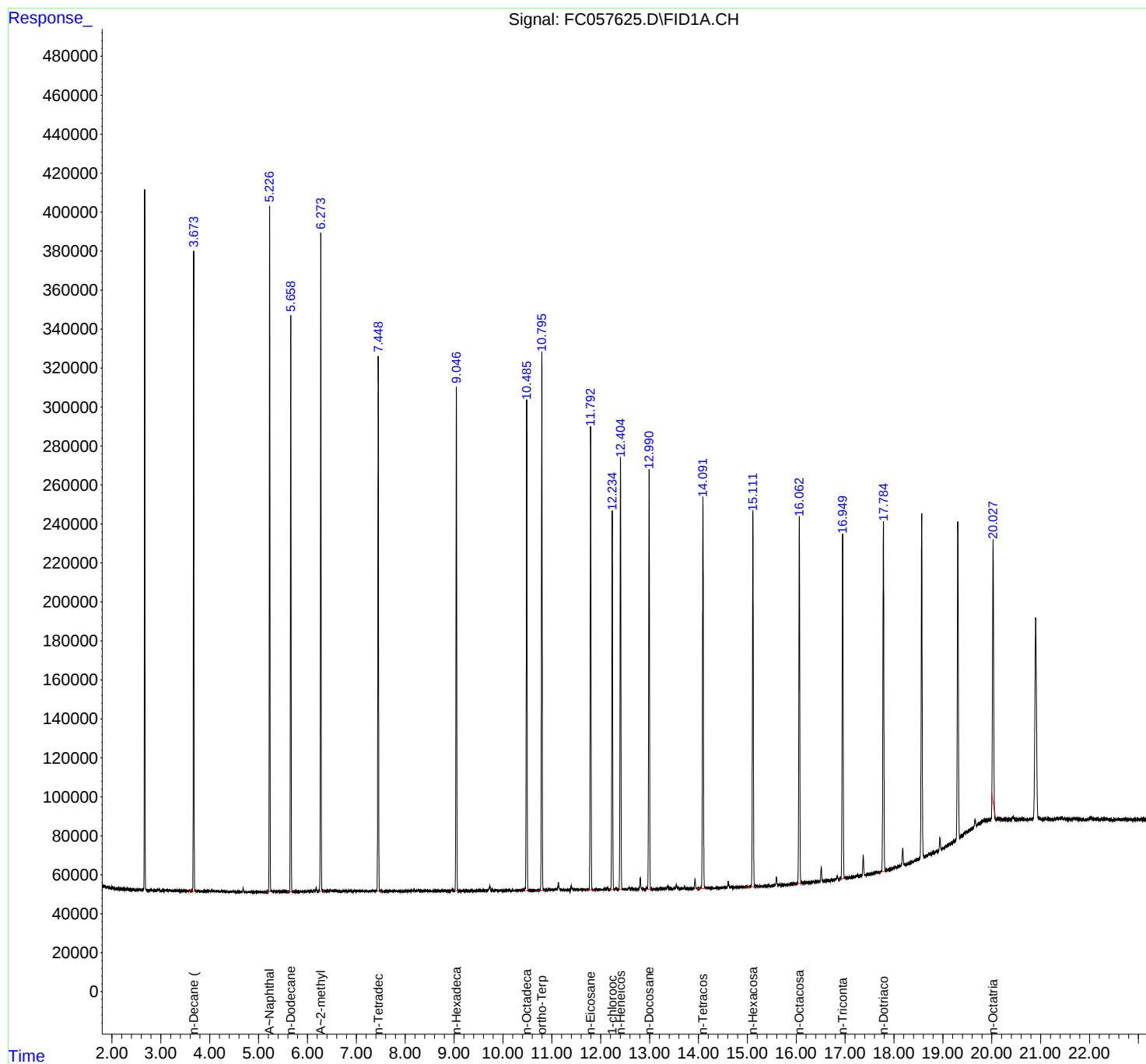
(f)=RT Delta > 1/2 Window

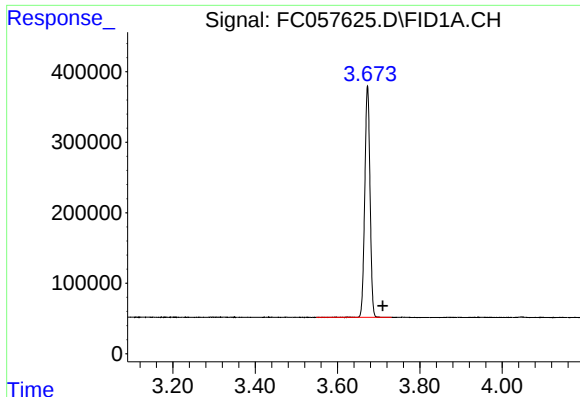
(m)=manual int.

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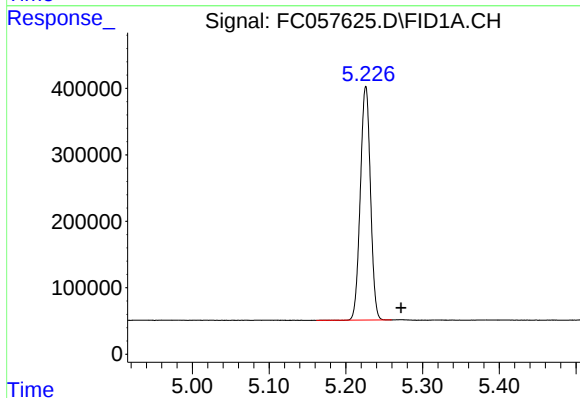
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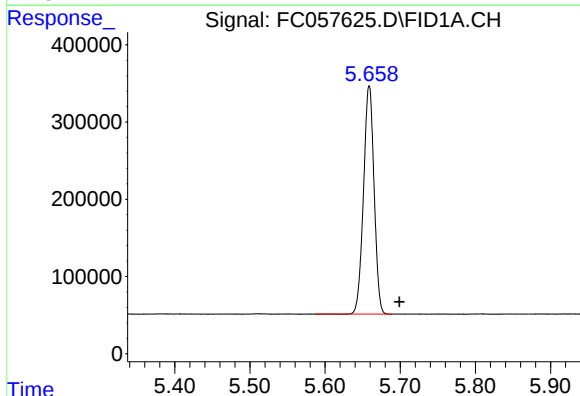
#2 n-Decane (C10)

R.T.: 3.673 min
Delta R.T.: -0.037 min
Response: 2899628
Conc: 23.28 ug/ml



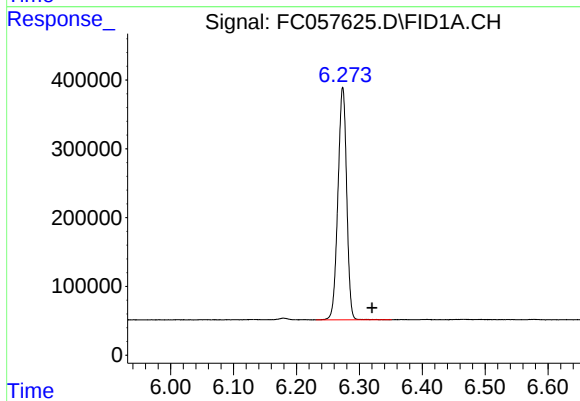
#3 A~Naphthalene (C11.7)

R.T.: 5.226 min
Delta R.T.: -0.046 min
Response: 3222112
Conc: 23.23 ug/ml



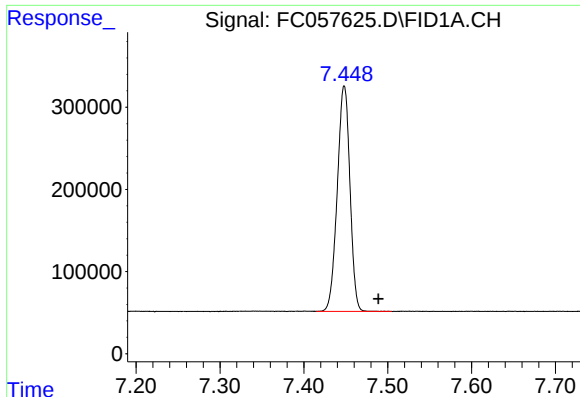
#4 n-Dodecane (C12)

R.T.: 5.659 min
Delta R.T.: -0.040 min
Response: 2891690
Conc: 23.42 ug/ml



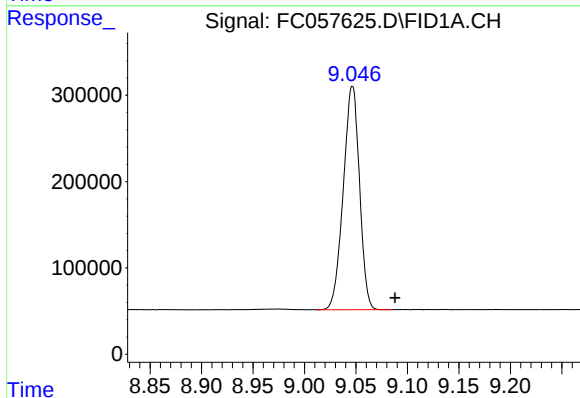
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.274 min
Delta R.T.: -0.046 min
Response: 3262951
Conc: 23.33 ug/ml



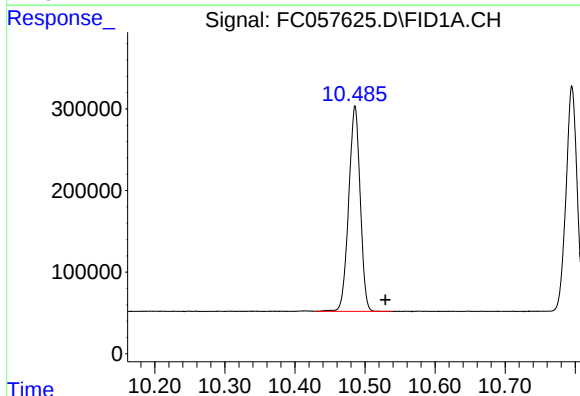
#6 n-Tetradecane (C14)

R.T.: 7.448 min
Delta R.T.: -0.041 min
Response: 2882831
Conc: 23.28 ug/ml



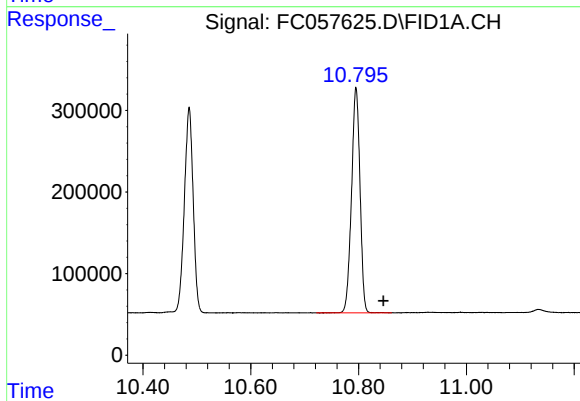
#7 n-Hexadecane (C16)

R.T.: 9.046 min
Delta R.T.: -0.042 min
Response: 2843912
Conc: 22.68 ug/ml



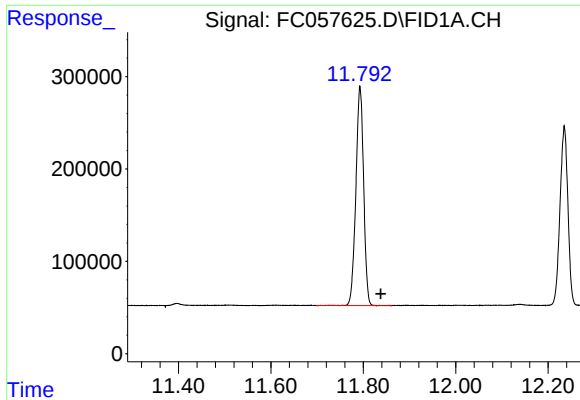
#8 n-Octadecane (C18)

R.T.: 10.486 min
Delta R.T.: -0.043 min
Response: 2871341
Conc: 22.18 ug/ml



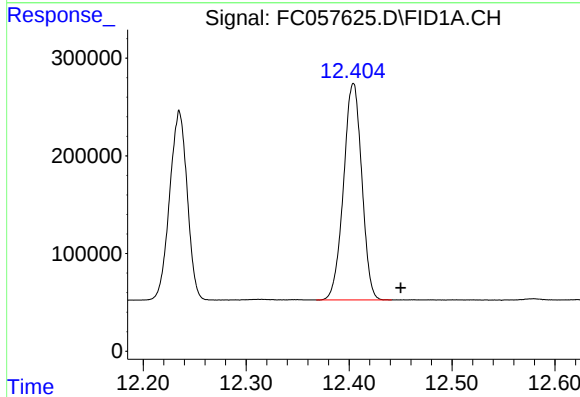
#9 ortho-Terphenyl (SURR)

R.T.: 10.795 min
Delta R.T.: -0.051 min
Response: 3012428
Conc: 21.65 ug/ml



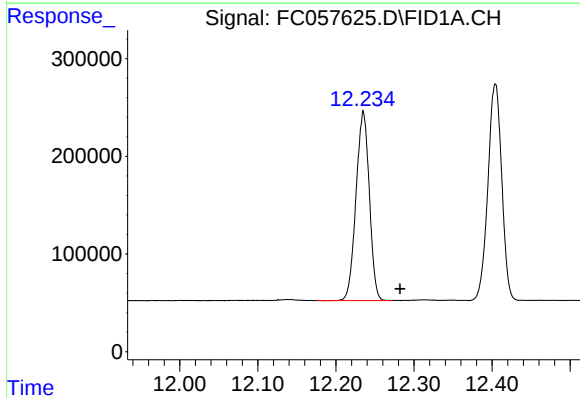
#10 n-Eicosane (C20)

R.T.: 11.793 min
Delta R.T.: -0.045 min
Response: 2762931
Conc: 21.27 ug/ml



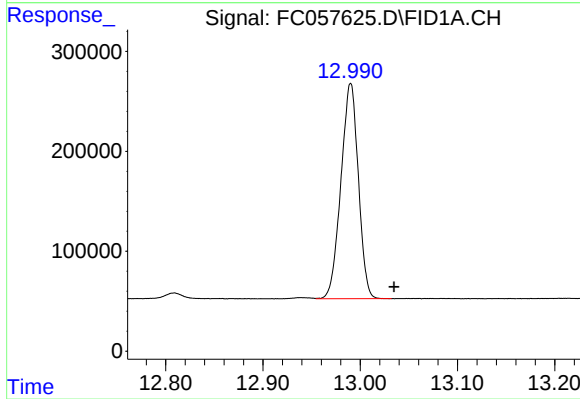
#11 n-Heneicosane (C21)

R.T.: 12.404 min
Delta R.T.: -0.046 min
Response: 2729657
Conc: 20.80 ug/ml



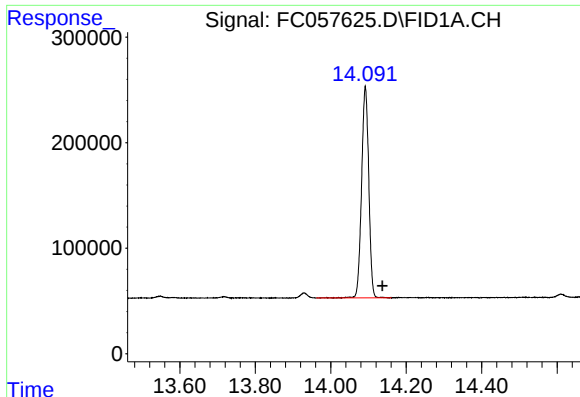
#12 1-chlorooctadecane (SURR)

R.T.: 12.235 min
Delta R.T.: -0.047 min
Response: 2290747
Conc: 20.69 ug/ml



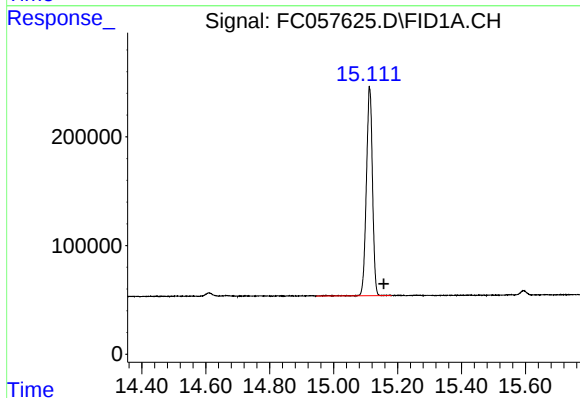
#13 n-Docosane (C22)

R.T.: 12.990 min
Delta R.T.: -0.045 min
Response: 2679285
Conc: 20.38 ug/ml



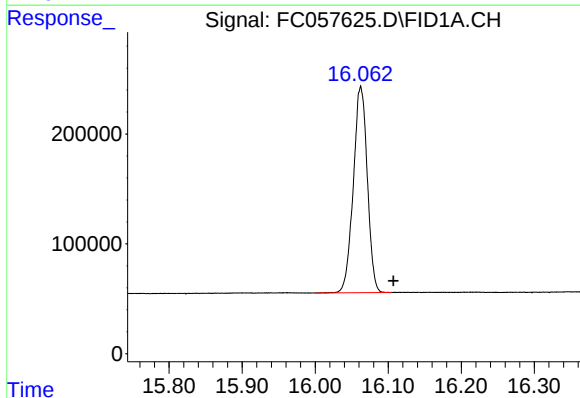
#14 n-Tetracosane (C24)

R.T.: 14.092 min
Delta R.T.: -0.045 min
Response: 2636421
Conc: 19.82 ug/ml



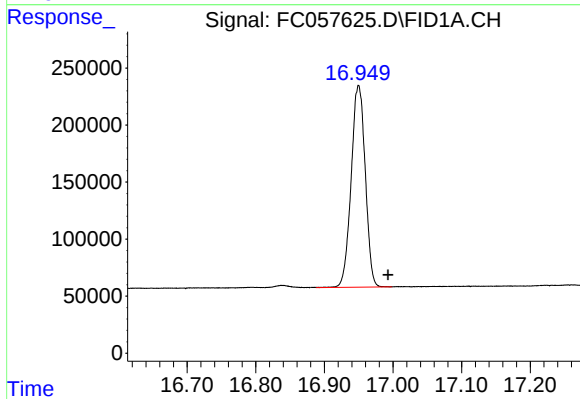
#15 n-Hexacosane (C26)

R.T.: 15.113 min
Delta R.T.: -0.044 min
Response: 2544131
Conc: 19.40 ug/ml



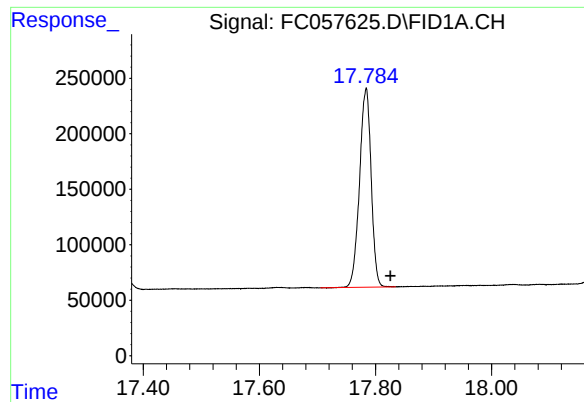
#16 n-Octacosane (C28)

R.T.: 16.062 min
Delta R.T.: -0.045 min
Response: 2497032
Conc: 18.99 ug/ml



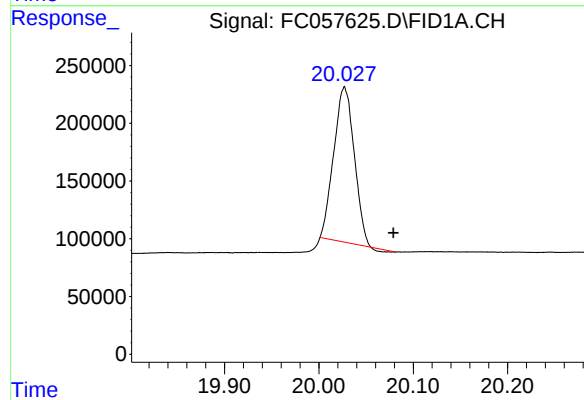
#17 n-Tricontane (C30)

R.T.: 16.950 min
Delta R.T.: -0.043 min
Response: 2522464
Conc: 18.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.784 min
Delta R.T.: -0.042 min
Response: 2491993
Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.027 min
Delta R.T.: -0.052 min
Response: 2011846
Conc: 18.32 ug/ml