

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100118AL\
 Data File : FC036622.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2018 7:52
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 08:39:31 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 21 15:20:52 2018
 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)	11.383	2479885	20.396 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	12.824	1868579	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	3.191	1756391	19.711 ug/ml
2) T n-Decane (C10)	4.256	1855549	20.641 ug/ml
3) T A~Naphthalene (C11.7)	5.828	2246914	22.417 ug/ml
4) T n-Dodecane (C12)	6.268	1964827	21.083 ug/ml
5) T A~2-methylnaphthalene...	6.878	2274931	22.628 ug/mlm
6) T n-Tetradecane (C14)	8.053	2054339	21.002 ug/ml
7) T n-Hexadecane (C16)	9.645	2105134	20.484 ug/ml
8) T n-Octadecane (C18)	11.080	2153276	19.828 ug/ml
10) T n-Eicosane (C20)	12.384	2189288	19.791 ug/ml
11) T n-Heneicosane (C21)	12.993	2183291	19.865 ug/ml
13) T n-Docosane (C22)	13.577	2207515	20.218 ug/ml
14) T n-Tetracosane (C24)	14.675	2230061	20.426 ug/mlm
15) T n-Hexacosane (C26)	15.692	2309806	21.381 ug/ml
16) T n-Octacosane (C28)	16.636	2363737	21.423 ug/mlm
17) T n-Tricontane (C30)	17.523	2437596	20.949 ug/ml
18) T n-Dotriacontane (C32)	18.352	2531138	21.705 ug/mlm
19) T n-Tetratriacontane (C34)	19.131	2395039	21.373 ug/mlm
20) T n-Hexatriacontane (C36)	19.870	2210815	20.880 ug/mlm
21) T n-Octatriacontane (C38)	20.577	2175341	20.579 ug/mlm
22) T n-Tetracontane (C40)	21.416	2374907	22.119 ug/mlm

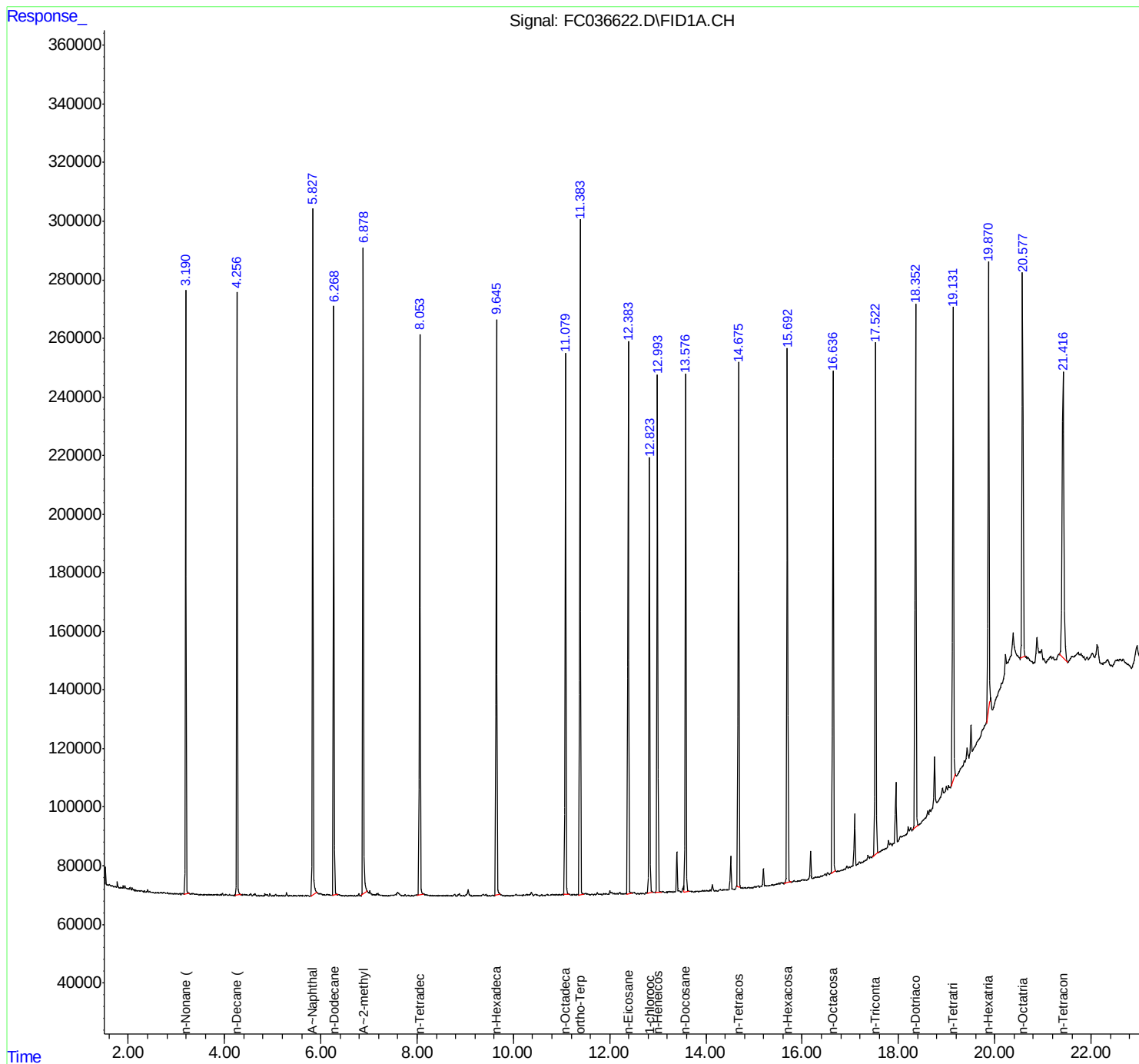
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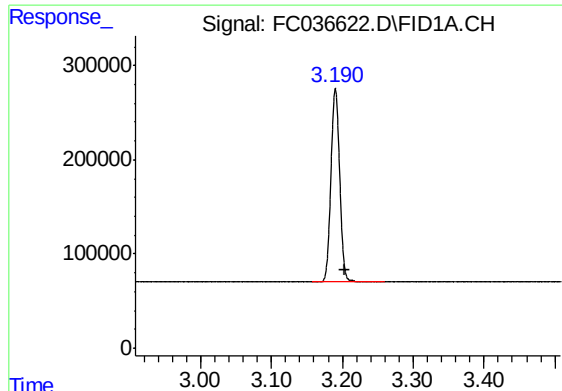
(m)=manual int.

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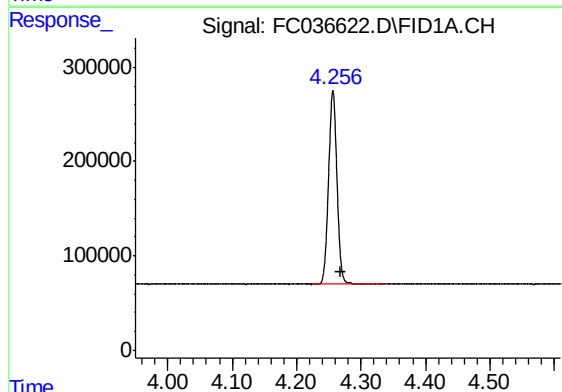
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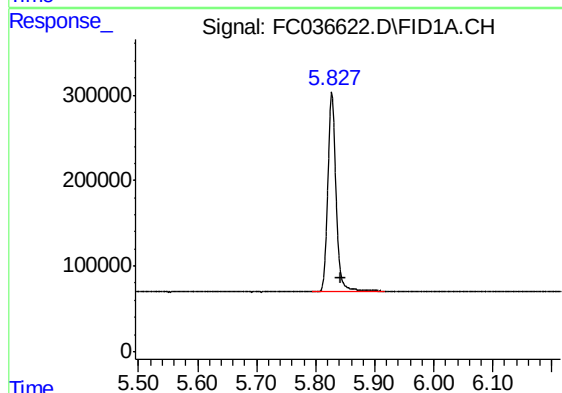
#1 n-Nonane (C9)

R.T.: 3.191 min
Delta R.T.: -0.012 min
Response: 1756391
Conc: 19.71 ug/ml



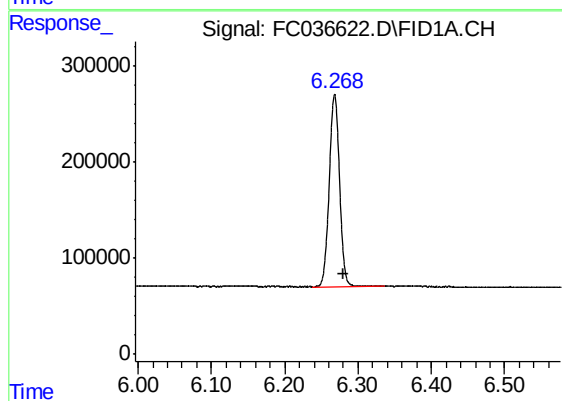
#2 n-Decane (C10)

R.T.: 4.256 min
Delta R.T.: -0.012 min
Response: 1855549
Conc: 20.64 ug/ml



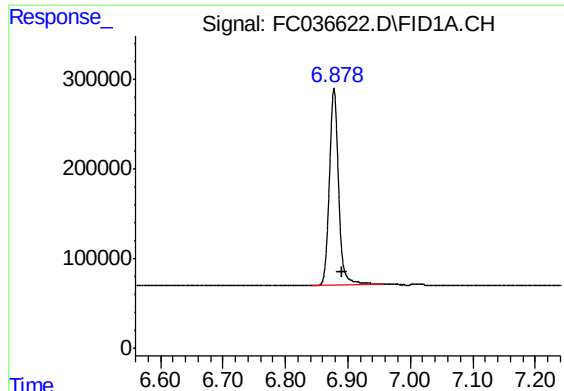
#3 A~Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.014 min
Response: 2246914
Conc: 22.42 ug/ml



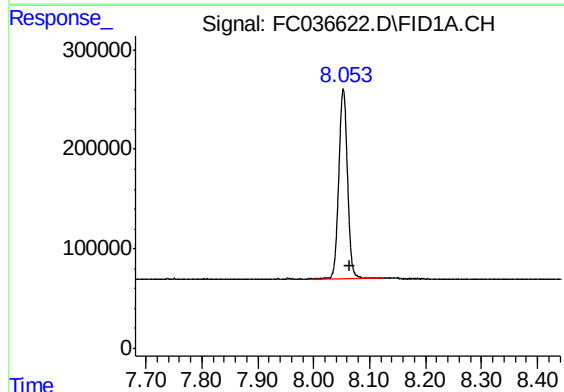
#4 n-Dodecane (C12)

R.T.: 6.268 min
Delta R.T.: -0.012 min
Response: 1964827
Conc: 21.08 ug/ml



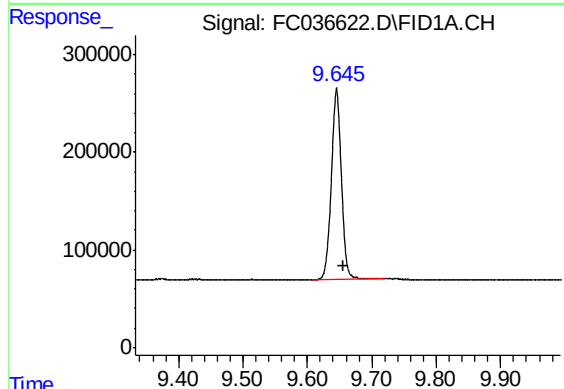
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.013 min
Response: 2274931
Conc: 22.63 ug/ml m



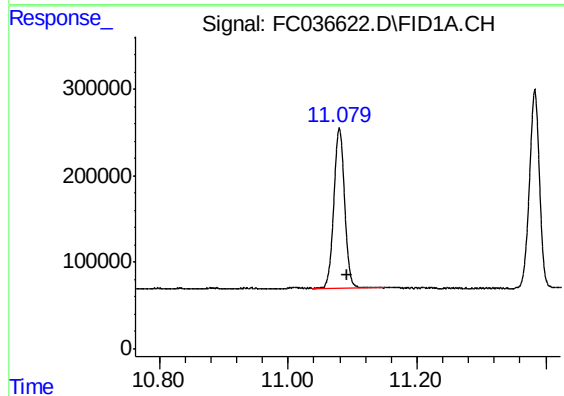
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.012 min
Response: 2054339
Conc: 21.00 ug/ml



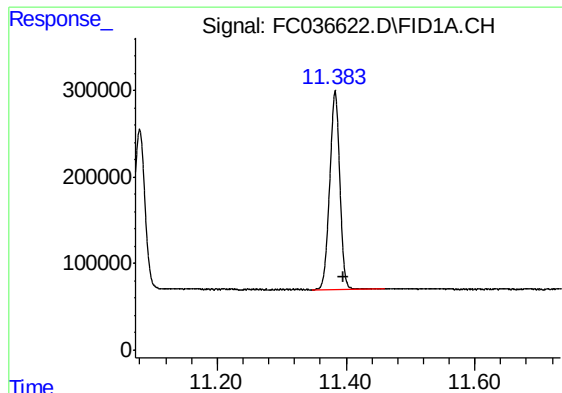
#7 n-Hexadecane (C16)

R.T.: 9.645 min
Delta R.T.: -0.012 min
Response: 2105134
Conc: 20.48 ug/ml



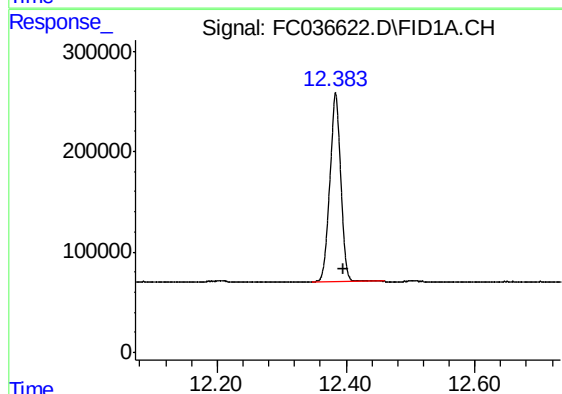
#8 n-Octadecane (C18)

R.T.: 11.080 min
Delta R.T.: -0.012 min
Response: 2153276
Conc: 19.83 ug/ml



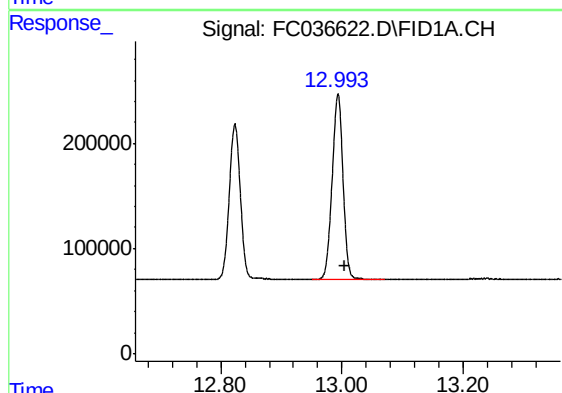
#9 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.012 min
Response: 2479885
Conc: 20.40 ug/ml



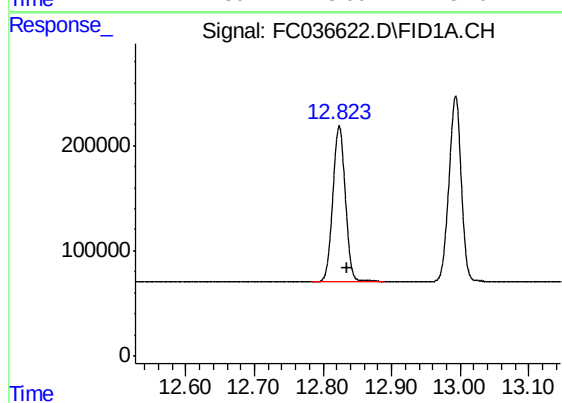
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.012 min
Response: 2189288
Conc: 19.79 ug/ml



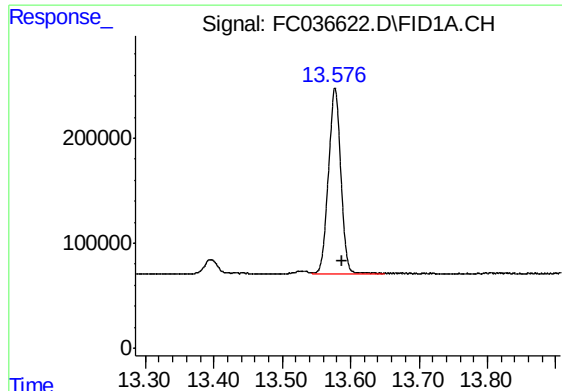
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.012 min
Response: 2183291
Conc: 19.87 ug/ml



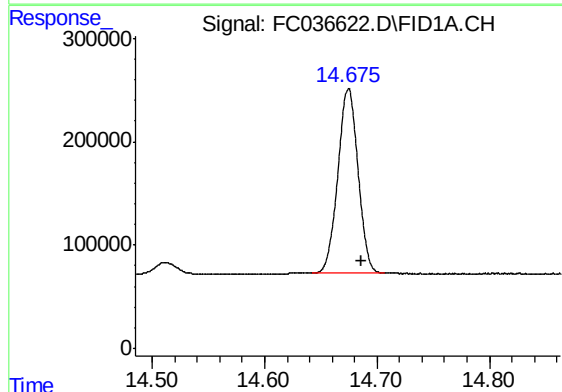
#12 1-chlorooctadecane (SURR)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 1868579
Conc: 19.84 ug/ml



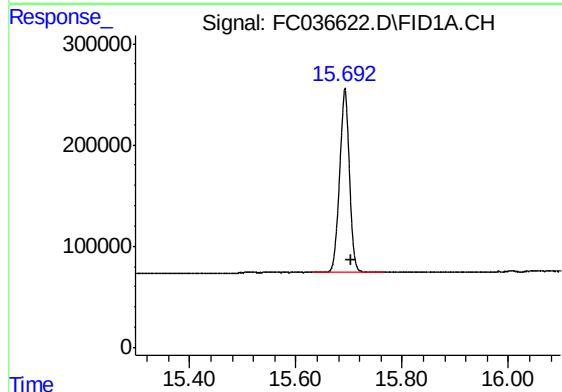
#13 n-Docosane (C22)

R.T.: 13.577 min
Delta R.T.: -0.011 min
Response: 2207515
Conc: 20.22 ug/ml



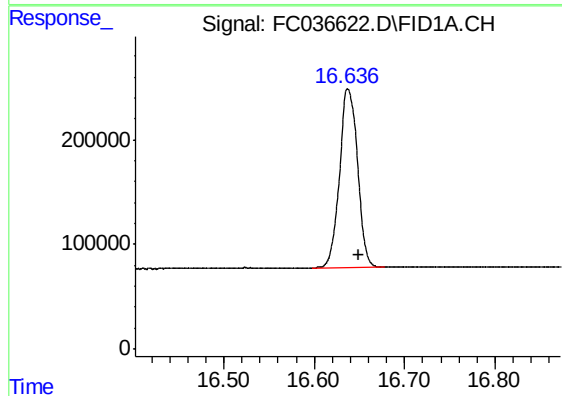
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: -0.012 min
Response: 2230061
Conc: 20.43 ug/ml m



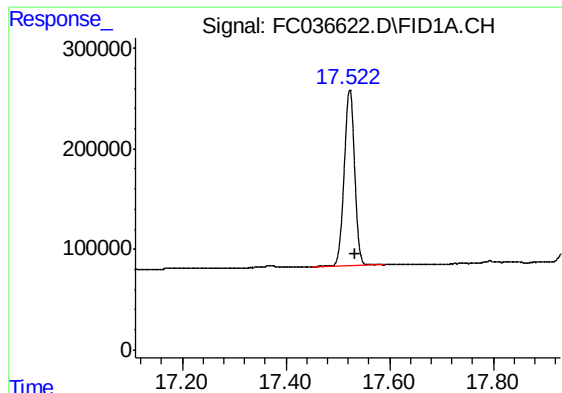
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: -0.012 min
Response: 2309806
Conc: 21.38 ug/ml



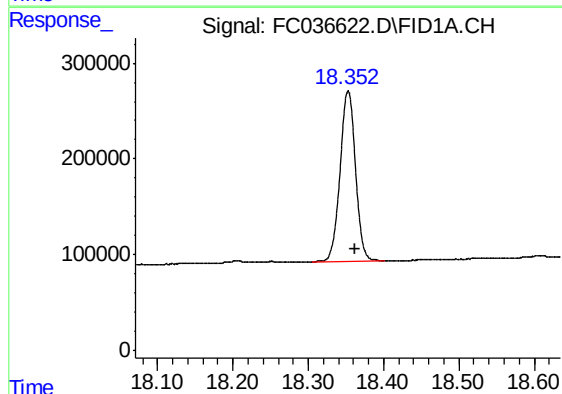
#16 n-Octacosane (C28)

R.T.: 16.636 min
Delta R.T.: -0.013 min
Response: 2363737
Conc: 21.42 ug/ml m



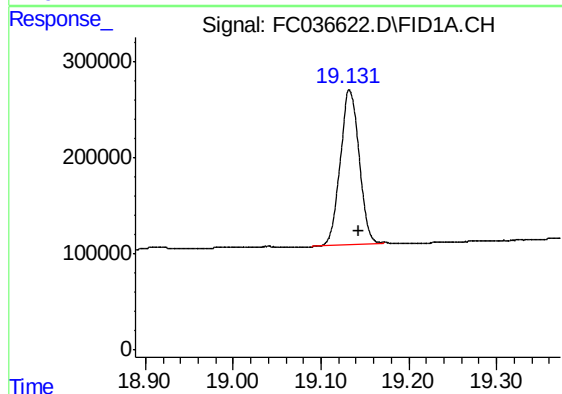
#17 n-Tricontane (C30)

R.T.: 17.523 min
Delta R.T.: -0.009 min
Response: 2437596
Conc: 20.95 ug/ml



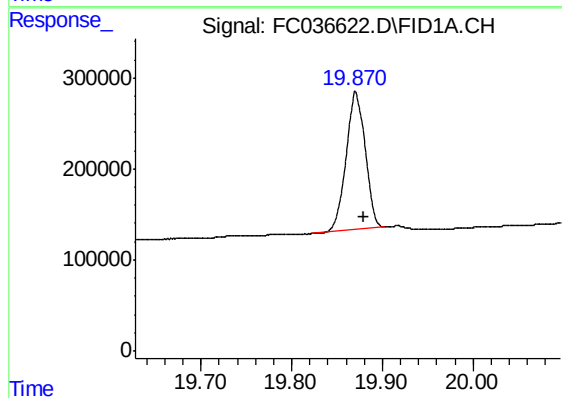
#18 n-Dotriacontane (C32)

R.T.: 18.352 min
Delta R.T.: -0.010 min
Response: 2531138
Conc: 21.71 ug/ml m



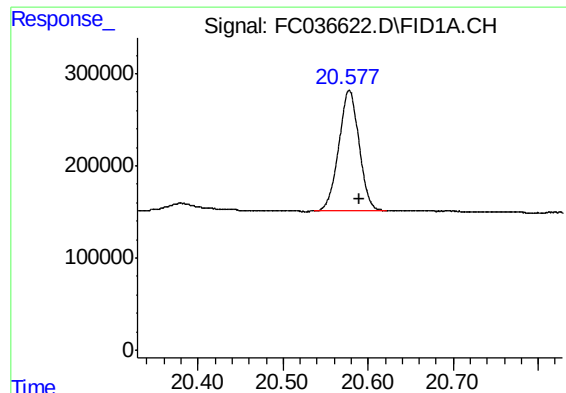
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: -0.012 min
Response: 2395039
Conc: 21.37 ug/ml m



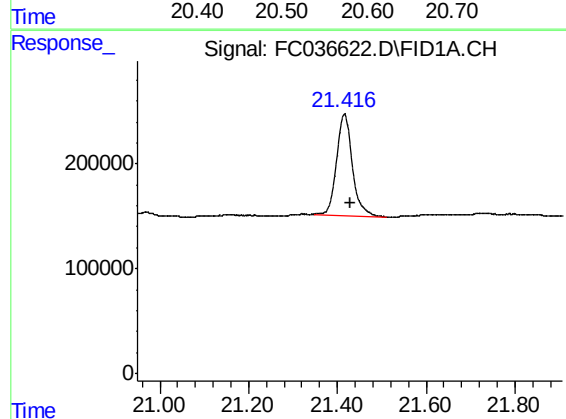
#20 n-Hexatriacontane (C36)

R.T.: 19.870 min
Delta R.T.: -0.011 min
Response: 2210815
Conc: 20.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.577 min
Delta R.T.: -0.013 min
Response: 2175341
Conc: 20.58 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.416 min
Delta R.T.: -0.015 min
Response: 2374907
Conc: 22.12 ug/ml m