

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071822AL\
 Data File : FC060760.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2022 11:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 19 03:28:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.639	3064541	16.723 ug/ml
Spiked Amount 50.000		Recovery =	33.45%
12) S 1-chlorooctadecane (S...	12.006	2478854	16.818 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
Target Compounds			
1) T n-Nonane (C9)	2.621	2845551	18.550 ug/ml
2) T n-Decane (C10)	3.619	2890354	18.926 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3004341	17.970 ug/ml
4) T n-Dodecane (C12)	5.569	2970515	18.380 ug/ml
5) T A~2-methylnaphthalene...	6.184	2954927	17.383 ug/ml
6) T n-Tetradecane (C14)	7.320	2975338	18.011 ug/ml
7) T n-Hexadecane (C16)	8.883	2966426	17.553 ug/ml
8) T n-Octadecane (C18)	10.292	2933182	17.049 ug/ml
10) T n-Eicosane (C20)	11.571	2857236	16.741 ug/ml
11) T n-Heneicosane (C21)	12.169	2803907	16.445 ug/ml
13) T n-Docosane (C22)	12.741	2740827	16.079 ug/ml
14) T n-Tetracosane (C24)	13.820	2620985	15.610 ug/ml
15) T n-Hexacosane (C26)	14.817	2488231	15.142 ug/ml
16) T n-Octacosane (C28)	15.744	2410773	15.193 ug/ml
17) T n-Tricontane (C30)	16.611	2396692	15.745 ug/ml
18) T n-Dotriacontane (C32)	17.424	2388515	16.431 ug/ml
19) T n-Tetratriacontane (C34)	18.188	2257446	17.774 ug/ml
20) T n-Hexatriacontane (C36)	18.912	2255417	20.097 ug/ml
21) T n-Octatriacontane (C38)	19.595	2228347	20.357 ug/mlm
22) T n-Tetracontane (C40)	20.243	2362747	20.920 ug/mlm

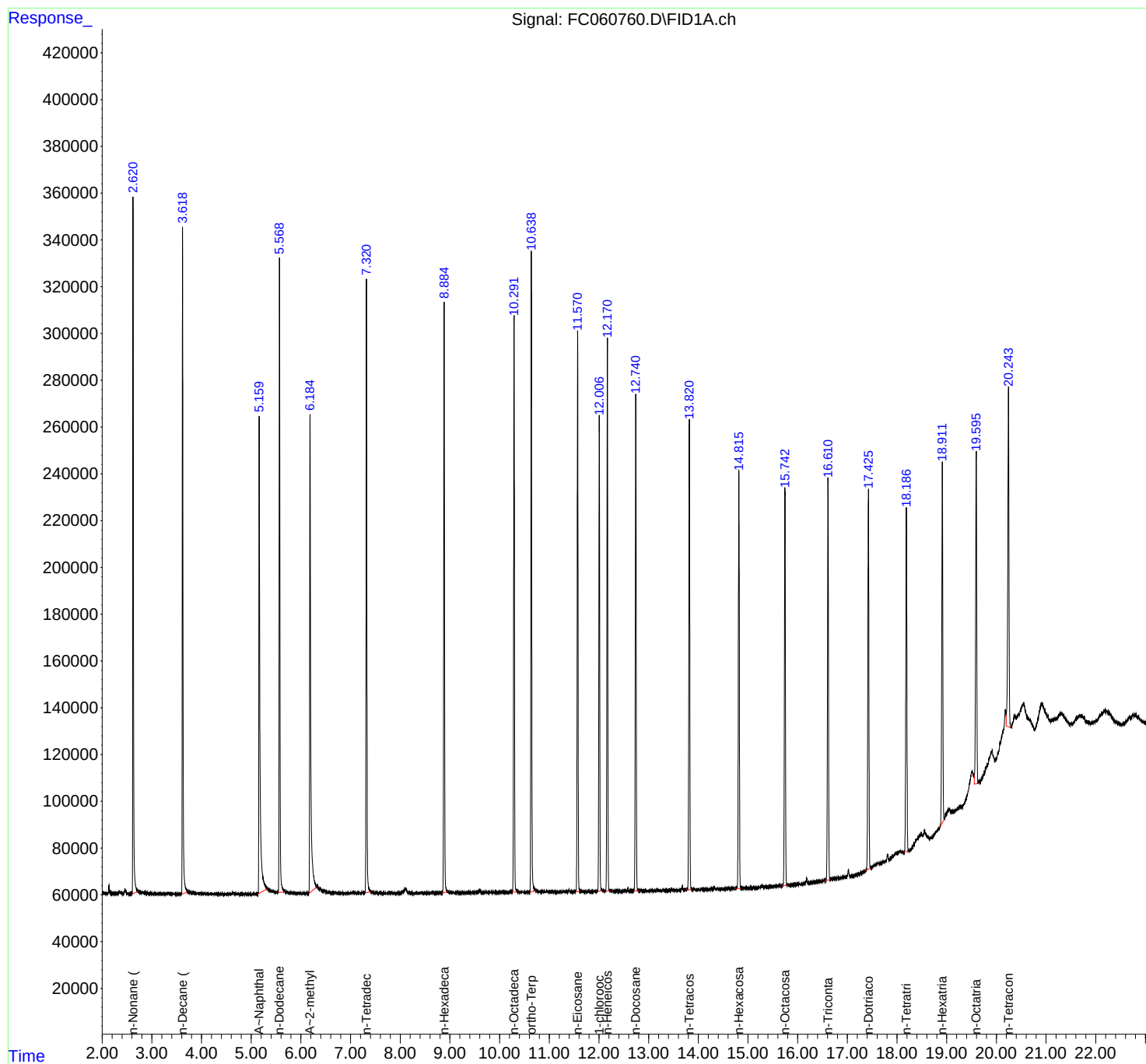
(f)=RT Delta > 1/2 Window

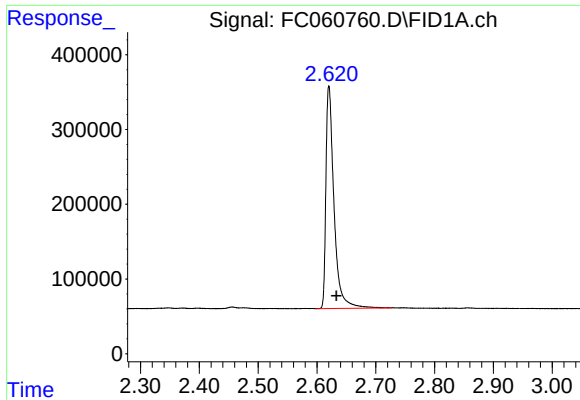
(m)=manual int.

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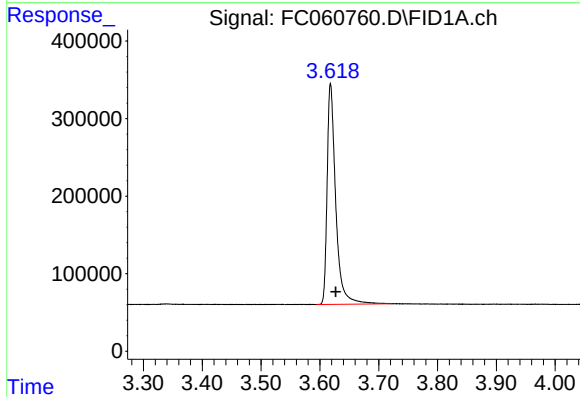
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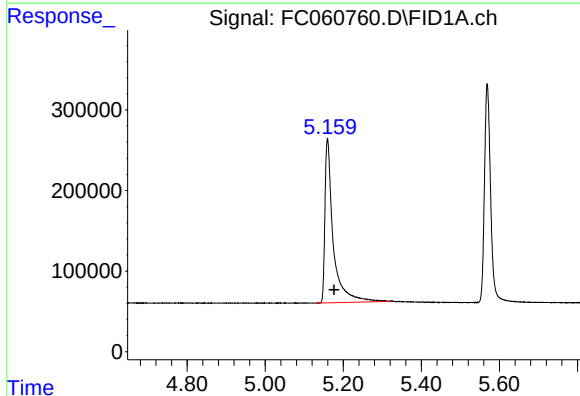
#1 n-Nonane (C9)

R.T.: 2.621 min
Delta R.T.: -0.012 min
Response: 2845551
Conc: 18.55 ug/ml



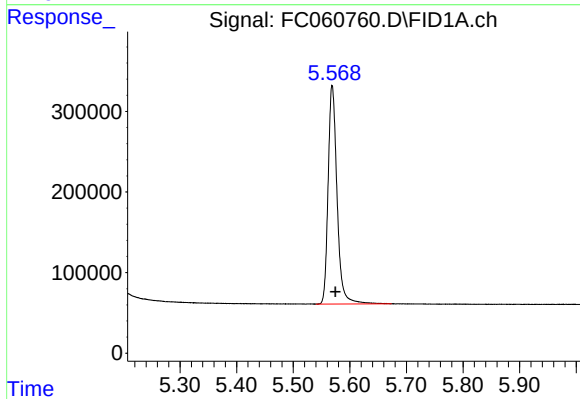
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 2890354
Conc: 18.93 ug/ml



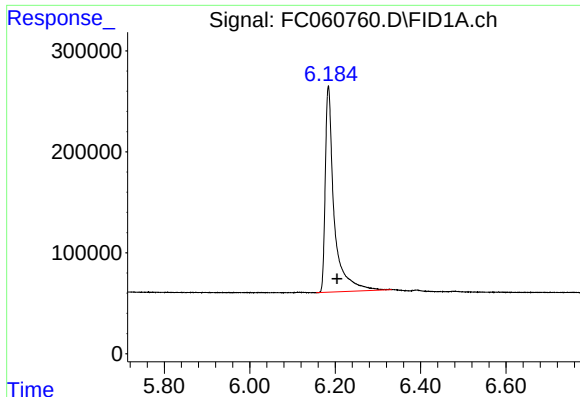
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.017 min
Response: 3004341
Conc: 17.97 ug/ml



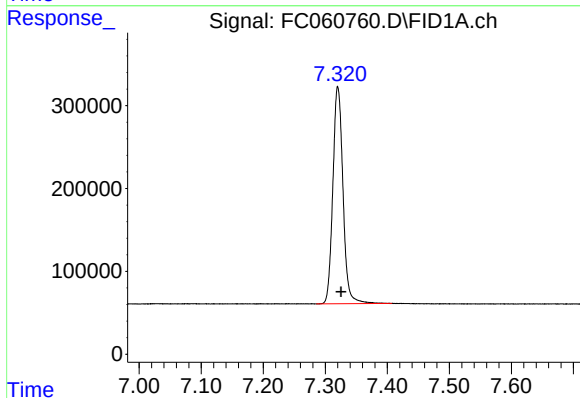
#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 2970515
Conc: 18.38 ug/ml



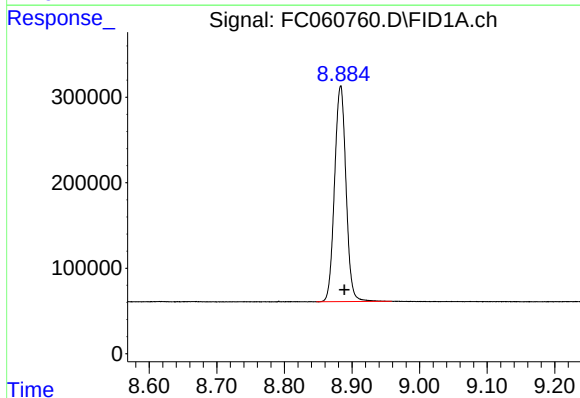
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.020 min
Response: 2954927
Conc: 17.38 ug/ml



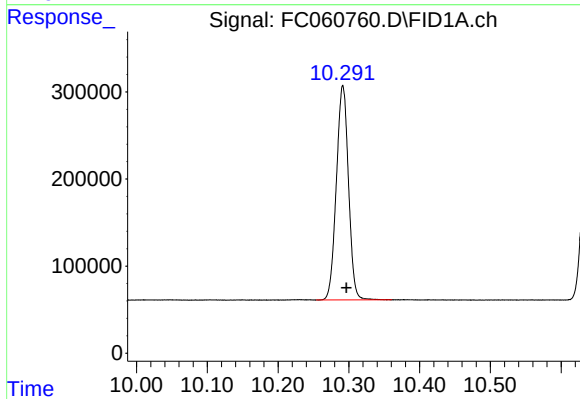
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 2975338
Conc: 18.01 ug/ml



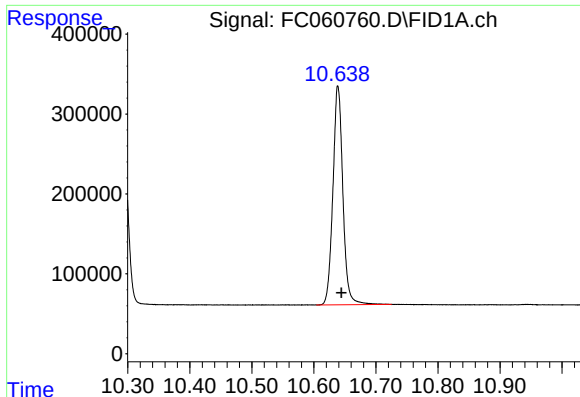
#7 n-Hexadecane (C16)

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 2966426
Conc: 17.55 ug/ml



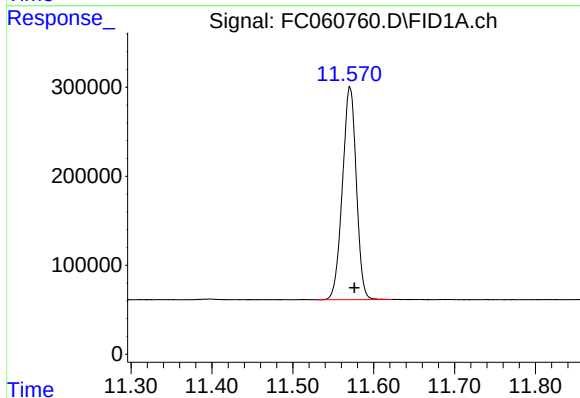
#8 n-Octadecane (C18)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 2933182
Conc: 17.05 ug/ml



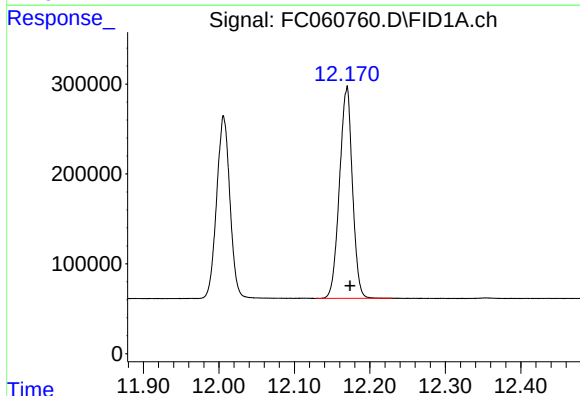
#9 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 3064541
Conc: 16.72 ug/ml



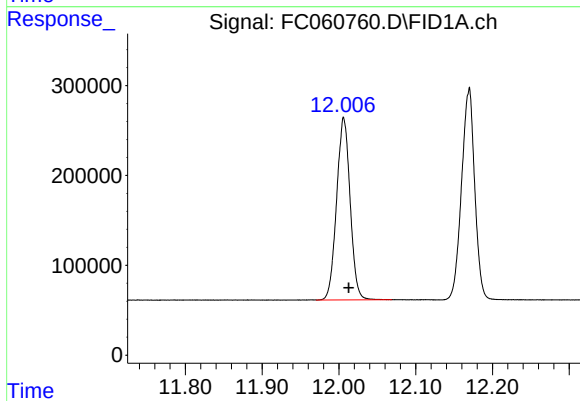
#10 n-Eicosane (C20)

R.T.: 11.571 min
Delta R.T.: -0.006 min
Response: 2857236
Conc: 16.74 ug/ml



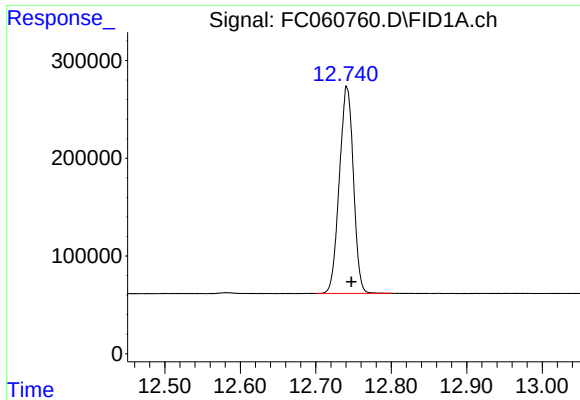
#11 n-Heneicosane (C21)

R.T.: 12.169 min
Delta R.T.: -0.005 min
Response: 2803907
Conc: 16.45 ug/ml



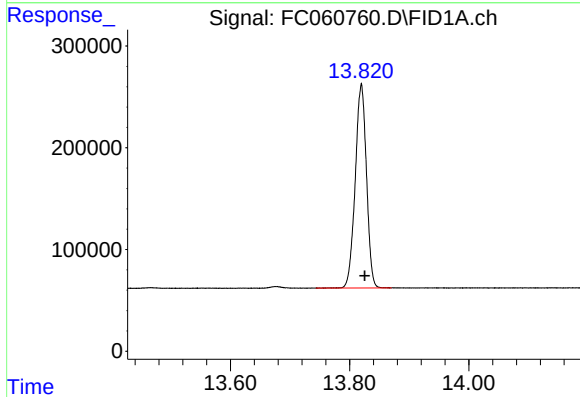
#12 1-chlorooctadecane (SURR)

R.T.: 12.006 min
Delta R.T.: -0.006 min
Response: 2478854
Conc: 16.82 ug/ml



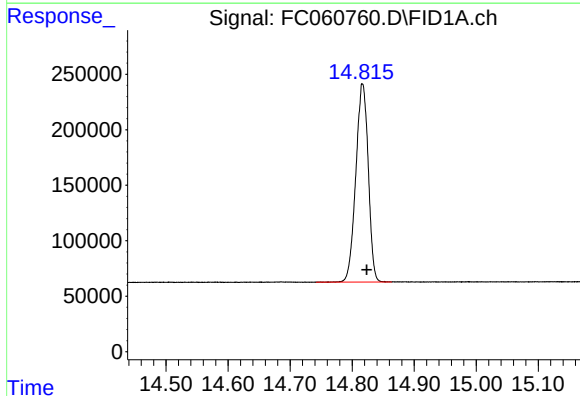
#13 n-Docosane (C22)

R.T.: 12.741 min
Delta R.T.: -0.006 min
Response: 2740827
Conc: 16.08 ug/ml



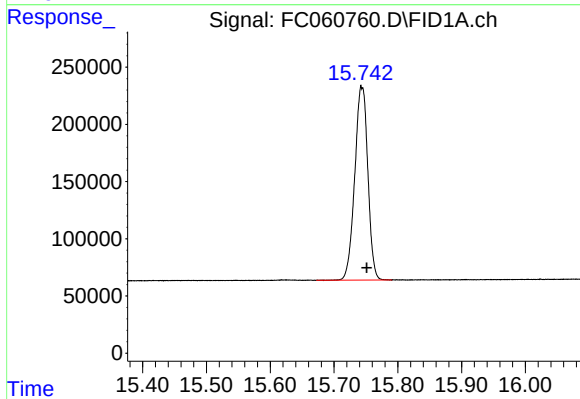
#14 n-Tetracosane (C24)

R.T.: 13.820 min
Delta R.T.: -0.006 min
Response: 2620985
Conc: 15.61 ug/ml



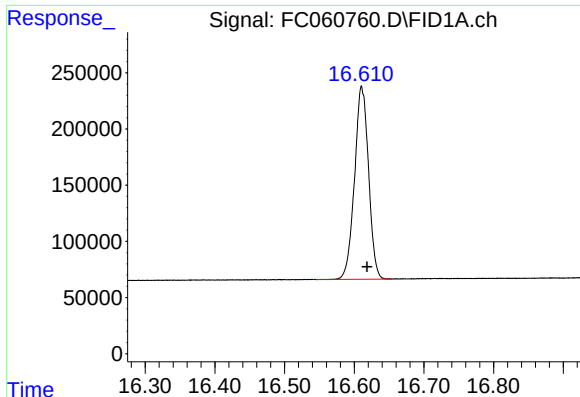
#15 n-Hexacosane (C26)

R.T.: 14.817 min
Delta R.T.: -0.007 min
Response: 2488231
Conc: 15.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.744 min
Delta R.T.: -0.008 min
Response: 2410773
Conc: 15.19 ug/ml



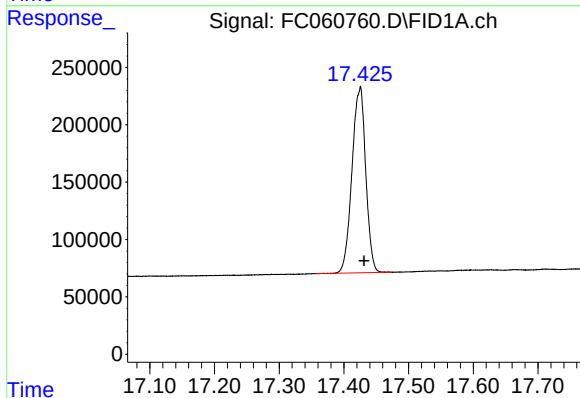
#17 n-Tricontane (C30)

R.T.: 16.611 min

Delta R.T.: -0.008 min

Response: 2396692

Conc: 15.74 ug/ml



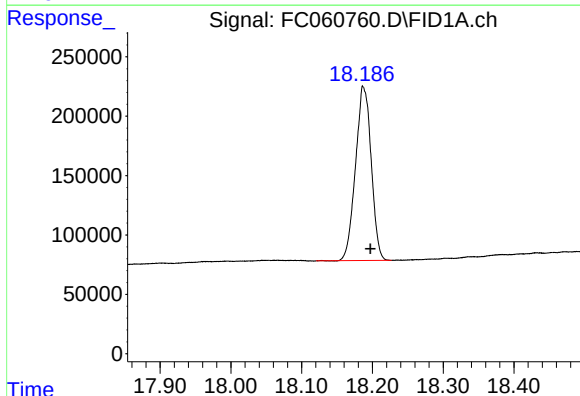
#18 n-Dotriacontane (C32)

R.T.: 17.424 min

Delta R.T.: -0.007 min

Response: 2388515

Conc: 16.43 ug/ml



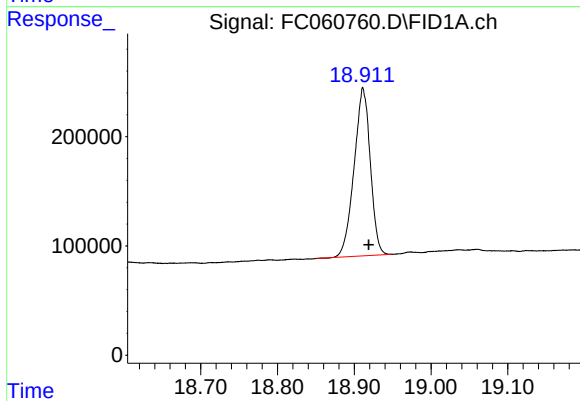
#19 n-Tetratriacontane (C34)

R.T.: 18.188 min

Delta R.T.: -0.009 min

Response: 2257446

Conc: 17.77 ug/ml



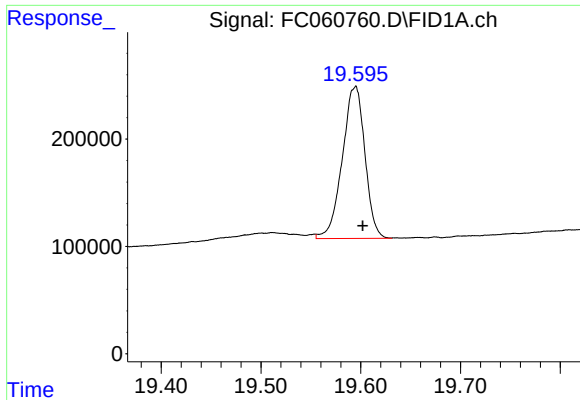
#20 n-Hexatriacontane (C36)

R.T.: 18.912 min

Delta R.T.: -0.007 min

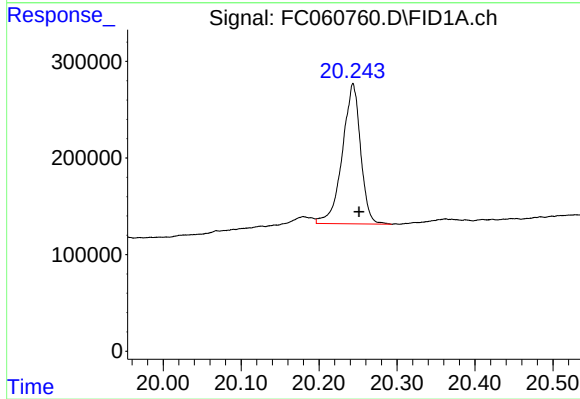
Response: 2255417

Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.595 min
Delta R.T.: -0.007 min
Response: 2228347
Conc: 20.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.243 min
Delta R.T.: -0.008 min
Response: 2362747
Conc: 20.92 ug/ml m