

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020224AL\
 Data File : FC065592.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 10:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 03:59:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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)	11.493	3342958	18.383 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	12.925	2452055	18.191 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T n-Nonane (C9)	3.285	2954513	18.913 ug/ml
2) T n-Decane (C10)	4.348	3010085	19.027 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3005792	17.974 ug/ml
4) T n-Dodecane (C12)	6.361	3022752	18.840 ug/ml
5) T A~2-methylnaphthalene...	6.992	2819269	18.270 ug/ml
6) T n-Tetradecane (C14)	8.151	2924427	18.646 ug/ml
7) T n-Hexadecane (C16)	9.745	2942287	18.398 ug/ml
8) T n-Octadecane (C18)	11.180	3003573	18.338 ug/ml
10) T n-Eicosane (C20)	12.483	2943419	18.479 ug/ml
11) T n-Heneicosane (C21)	13.091	2919182	18.606 ug/ml
13) T n-Docosane (C22)	13.674	2897873	18.560 ug/ml
14) T n-Tetracosane (C24)	14.772	2893803	18.618 ug/ml
15) T n-Hexacosane (C26)	15.787	2879196	18.755 ug/ml
16) T n-Octacosane (C28)	16.733	2840295	18.844 ug/ml
17) T n-Tricontane (C30)	17.615	2886866	18.902 ug/ml
18) T n-Dotriacontane (C32)	18.444	2837413	18.844 ug/ml
19) T n-Tetratriacontane (C34)	19.224	2770029	19.292 ug/ml
20) T n-Hexatriacontane (C36)	19.961	2686756	19.504 ug/ml
21) T n-Octatriacontane (C38)	20.679	2647273	19.134 ug/ml
22) T n-Tetracontane (C40)	21.551	2547614	18.411 ug/ml

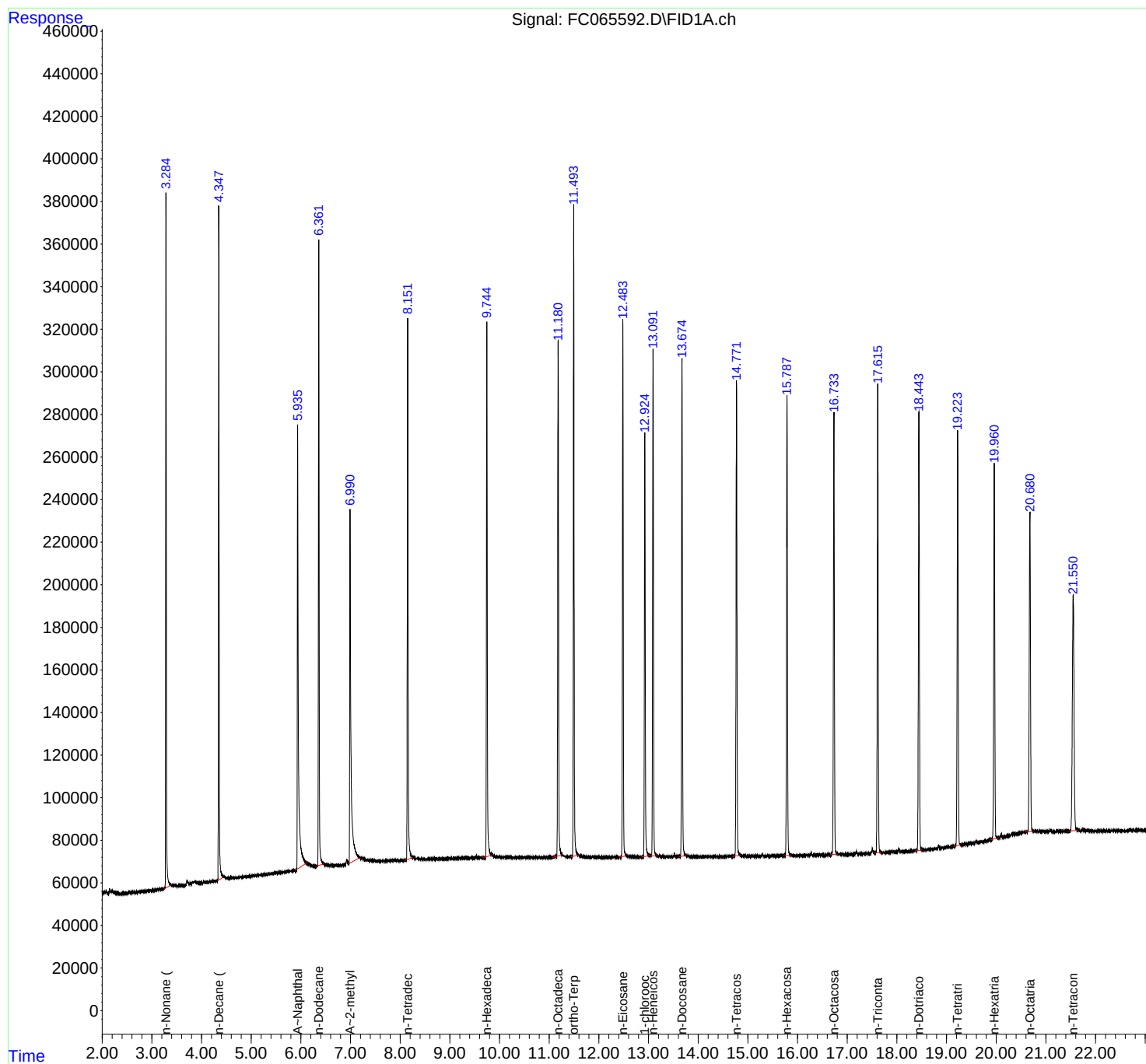
(f)=RT Delta > 1/2 Window

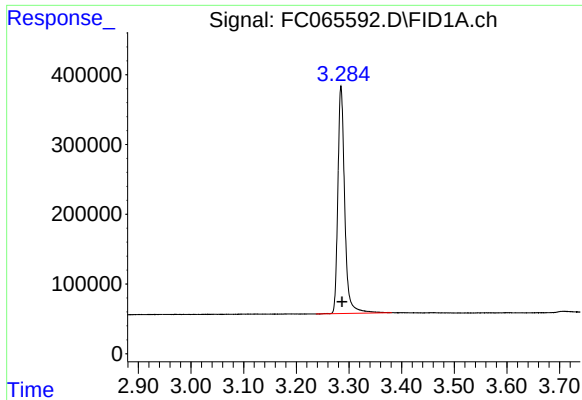
(m)=manual int.

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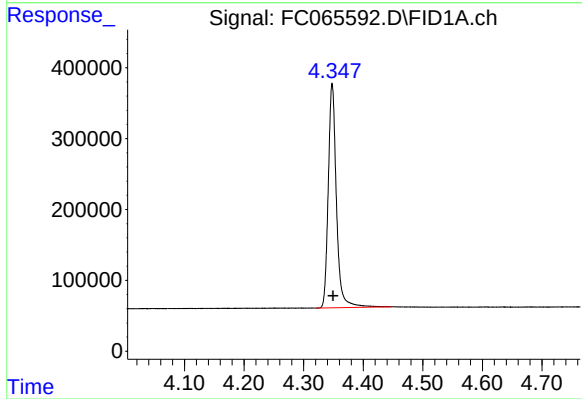
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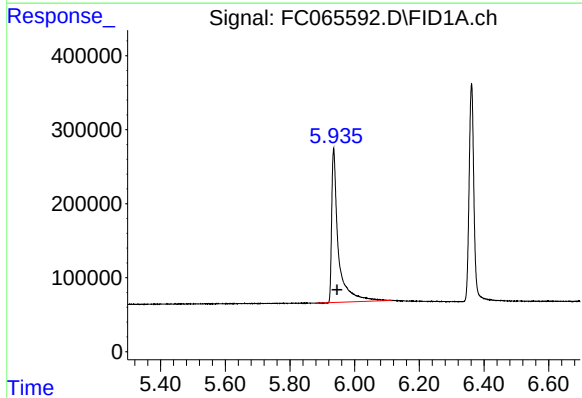
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.002 min
Response: 2954513
Conc: 18.91 ug/ml



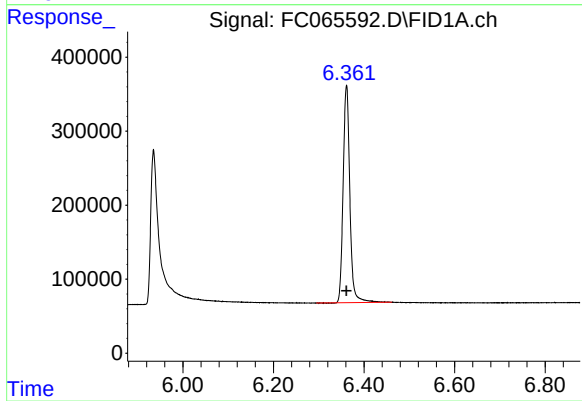
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 3010085
Conc: 19.03 ug/ml



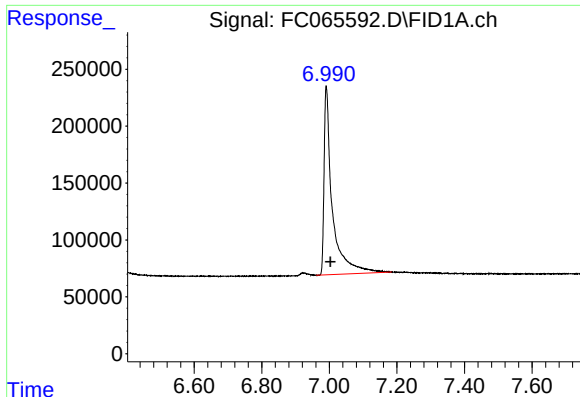
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 3005792
Conc: 17.97 ug/ml



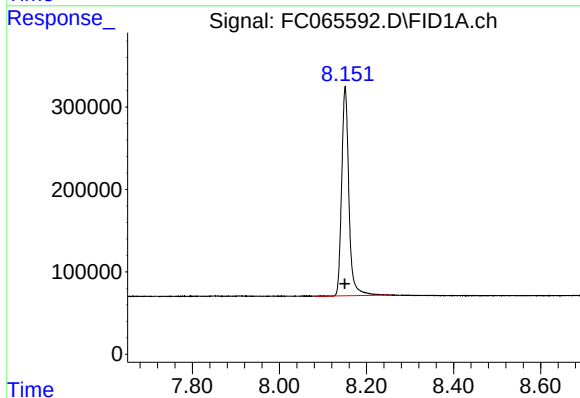
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 3022752
Conc: 18.84 ug/ml



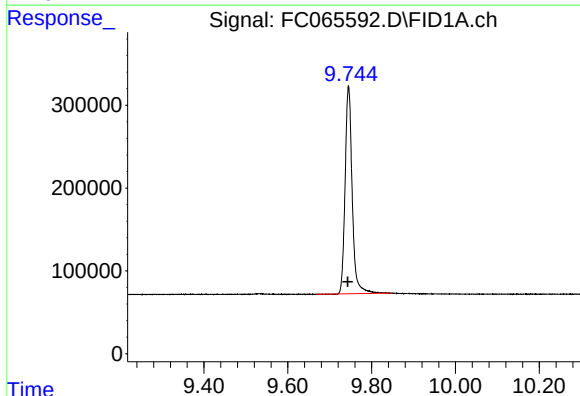
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.012 min
Response: 2819269
Conc: 18.27 ug/ml



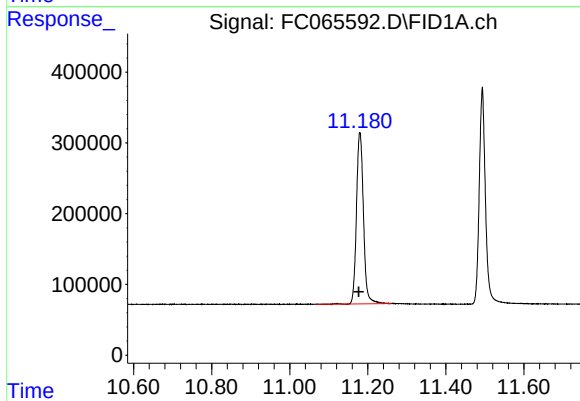
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.001 min
Response: 2924427
Conc: 18.65 ug/ml



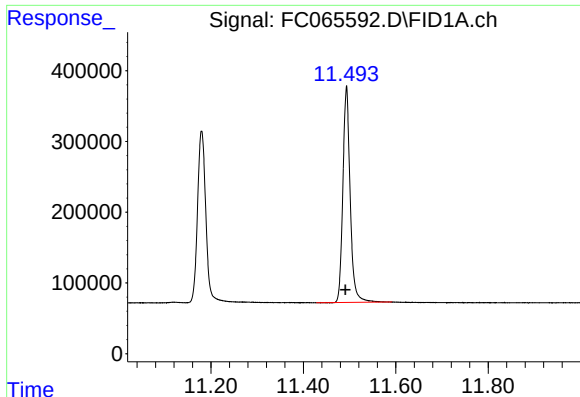
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 2942287
Conc: 18.40 ug/ml



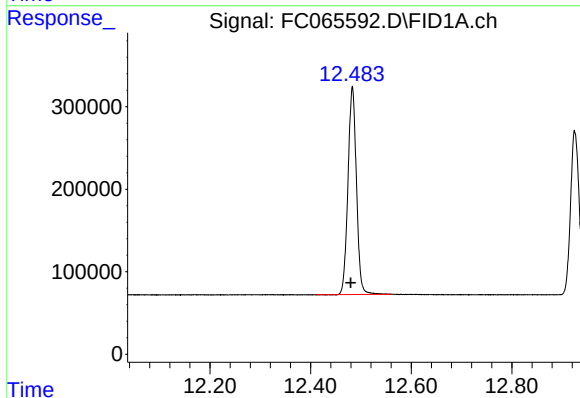
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 3003573
Conc: 18.34 ug/ml



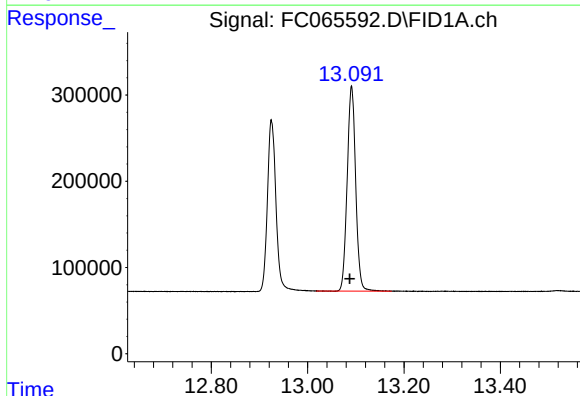
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.003 min
Response: 3342958
Conc: 18.38 ug/ml



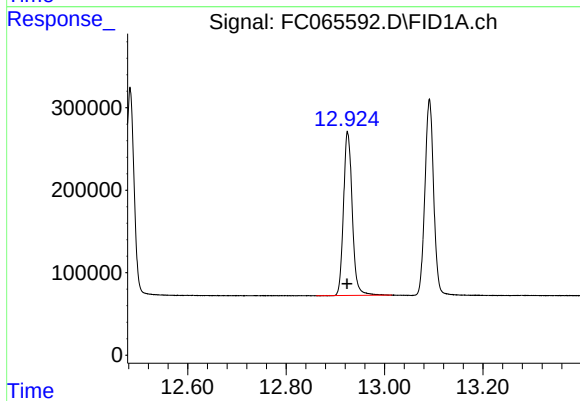
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.003 min
Response: 2943419
Conc: 18.48 ug/ml



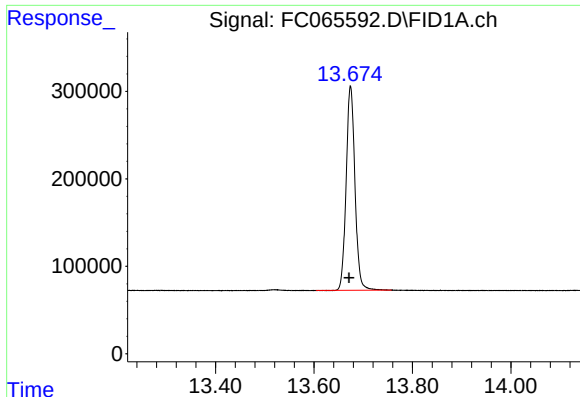
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.004 min
Response: 2919182
Conc: 18.61 ug/ml



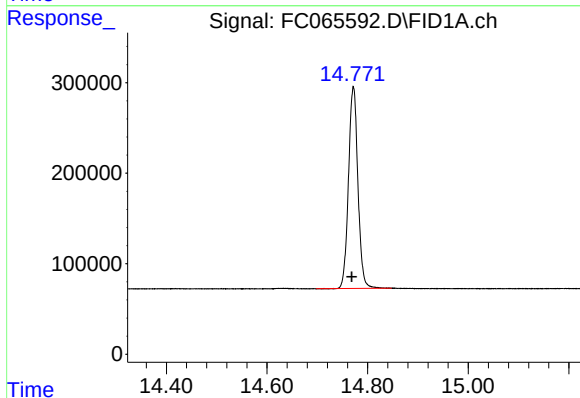
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.002 min
Response: 2452055
Conc: 18.19 ug/ml



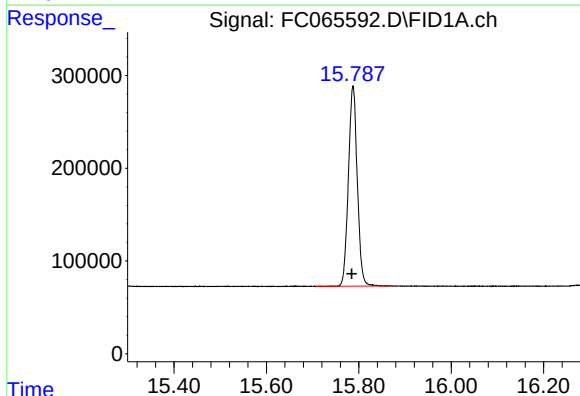
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.003 min
Response: 2897873
Conc: 18.56 ug/ml



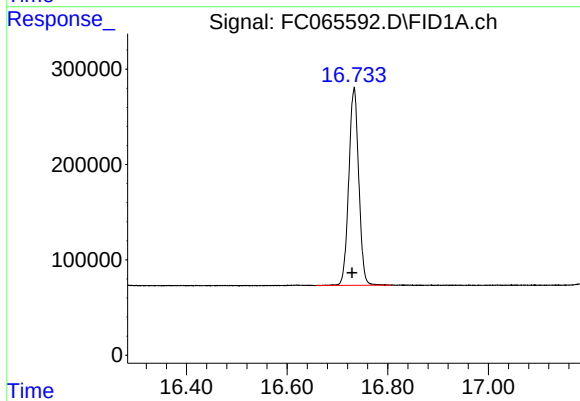
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.003 min
Response: 2893803
Conc: 18.62 ug/ml



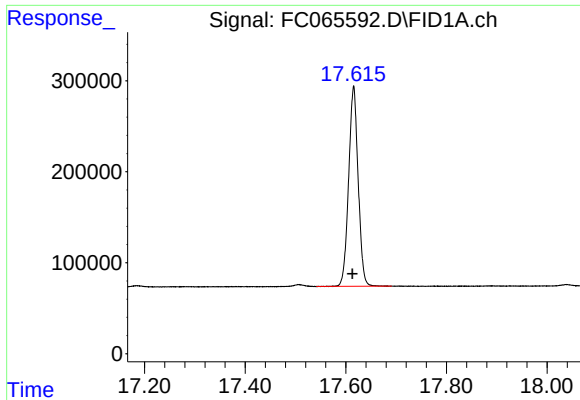
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.003 min
Response: 2879196
Conc: 18.76 ug/ml



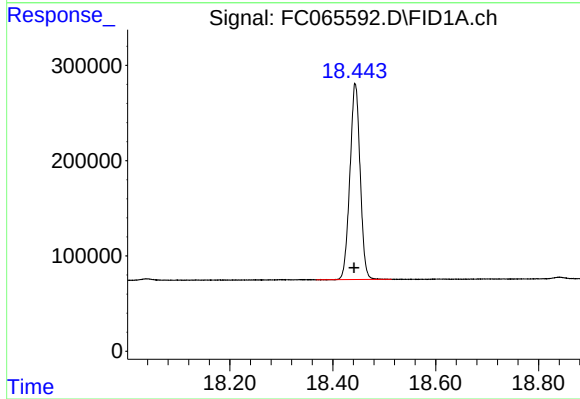
#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.004 min
Response: 2840295
Conc: 18.84 ug/ml



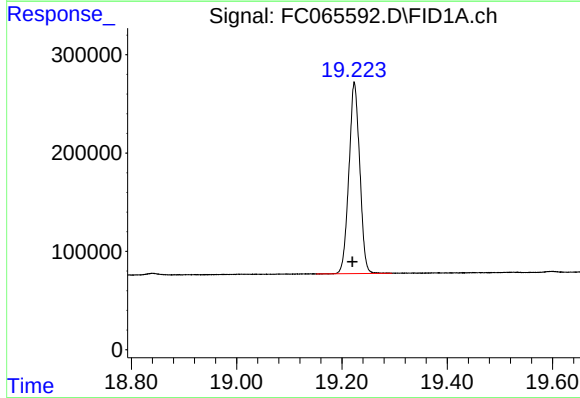
#17 n-Tricontane (C30)

R.T.: 17.615 min
Delta R.T.: 0.003 min
Response: 2886866
Conc: 18.90 ug/ml



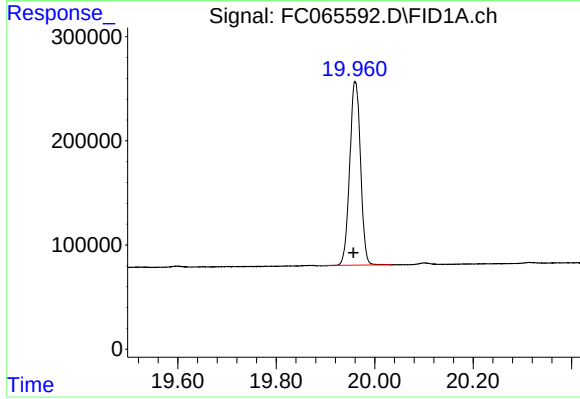
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.002 min
Response: 2837413
Conc: 18.84 ug/ml



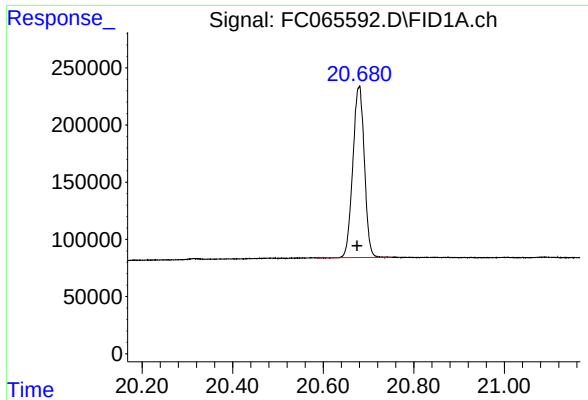
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.004 min
Response: 2770029
Conc: 19.29 ug/ml



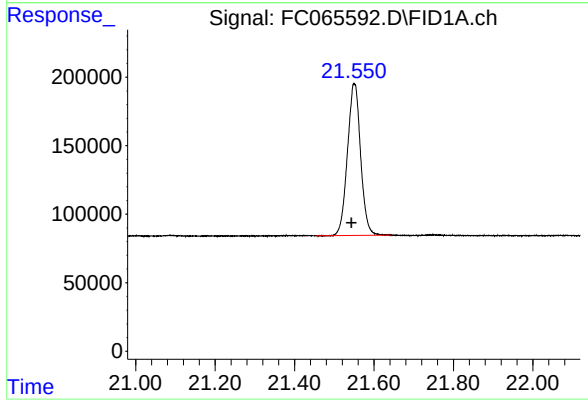
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.003 min
Response: 2686756
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.004 min
Response: 2647273
Conc: 19.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: 0.007 min
Response: 2547614
Conc: 18.41 ug/ml