

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065589.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 19:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 01:50:27 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)	11.494	3439020	18.911 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	12.926	2520199	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.287	3059158	19.583 ug/ml
2) T n-Decane (C10)	4.349	3124104	19.748 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3116959	18.639 ug/ml
4) T n-Dodecane (C12)	6.361	3154759	19.663 ug/ml
5) T A~2-methylnaphthalene...	6.992	2950728	19.122 ug/ml
6) T n-Tetradecane (C14)	8.151	3056384	19.487 ug/ml
7) T n-Hexadecane (C16)	9.745	3069800	19.195 ug/ml
8) T n-Octadecane (C18)	11.180	3119284	19.045 ug/ml
10) T n-Eicosane (C20)	12.483	3014832	18.928 ug/ml
11) T n-Heneicosane (C21)	13.091	2979845	18.993 ug/ml
13) T n-Docosane (C22)	13.675	2963953	18.984 ug/ml
14) T n-Tetracosane (C24)	14.772	2950153	18.981 ug/ml
15) T n-Hexacosane (C26)	15.788	2919736	19.019 ug/ml
16) T n-Octacosane (C28)	16.733	2869287	19.037 ug/ml
17) T n-Tricontane (C30)	17.617	2908569	19.044 ug/ml
18) T n-Dotriacontane (C32)	18.444	2855863	18.967 ug/ml
19) T n-Tetratriacontane (C34)	19.225	2778138	19.349 ug/ml
20) T n-Hexatriacontane (C36)	19.961	2692222	19.543 ug/ml
21) T n-Octatriacontane (C38)	20.677	2662931	19.247 ug/ml
22) T n-Tetracontane (C40)	21.550	2584545	18.678 ug/ml

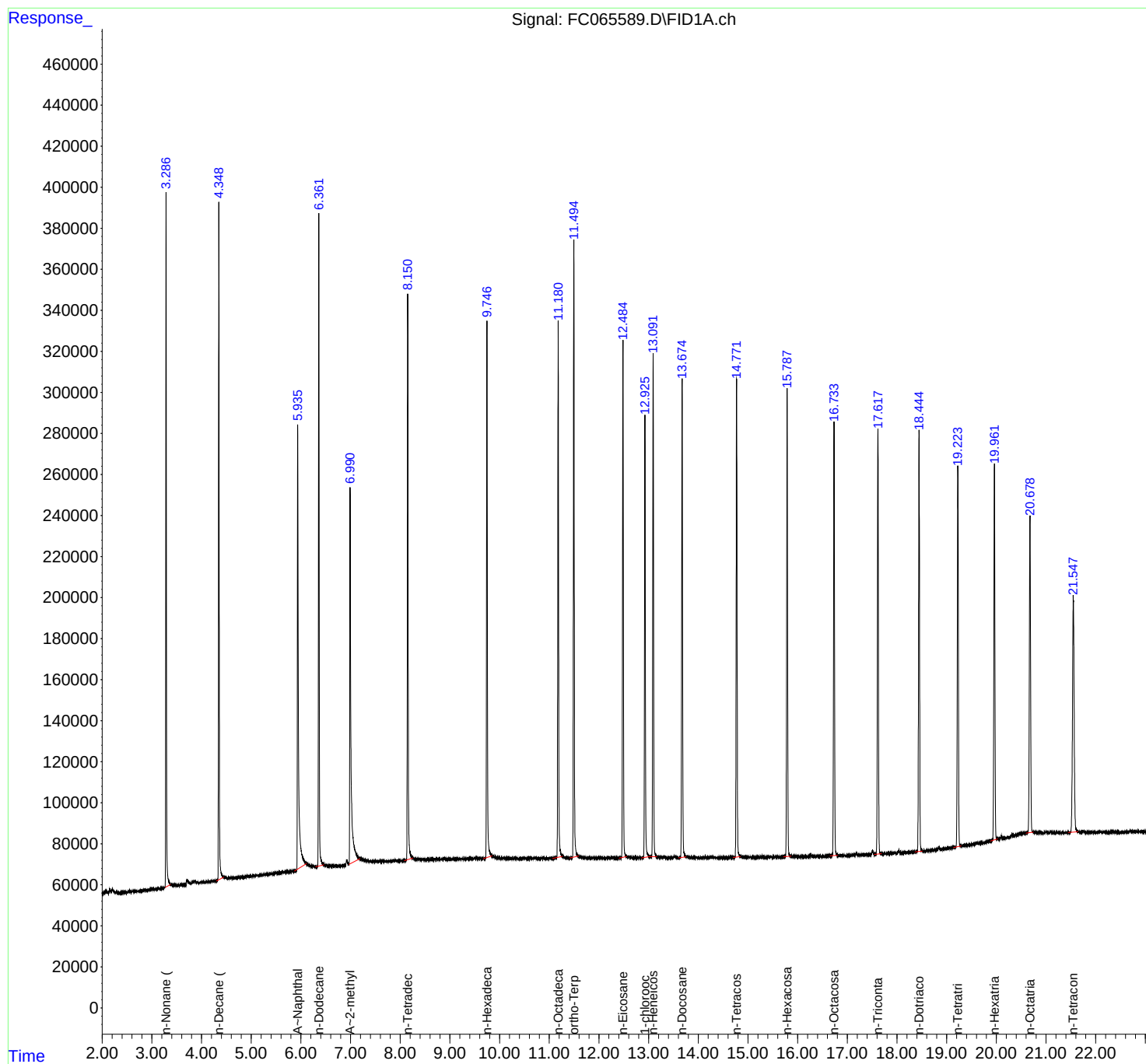
(f)=RT Delta > 1/2 Window

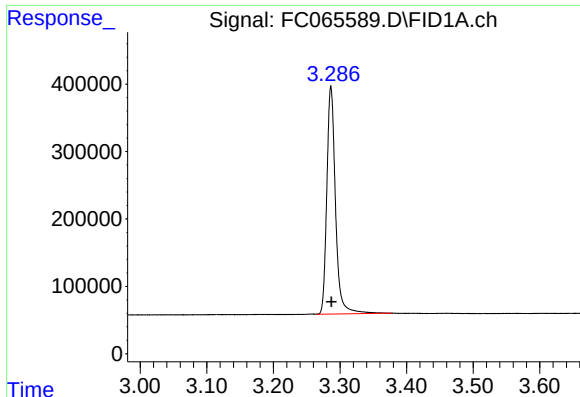
(m)=manual int.

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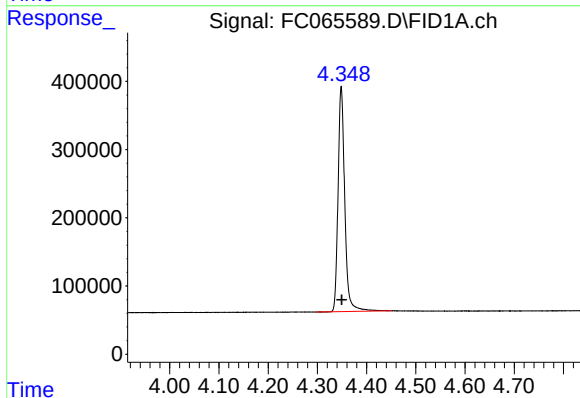
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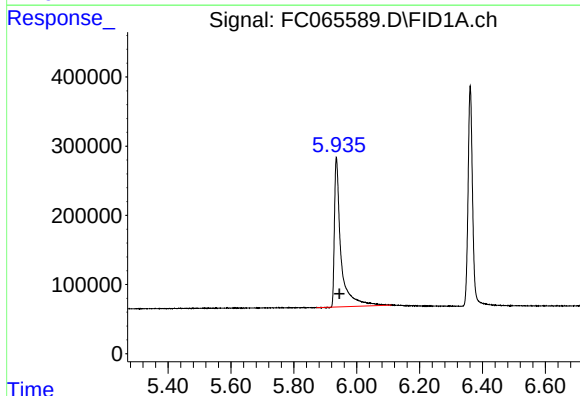
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 3059158
Conc: 19.58 ug/ml



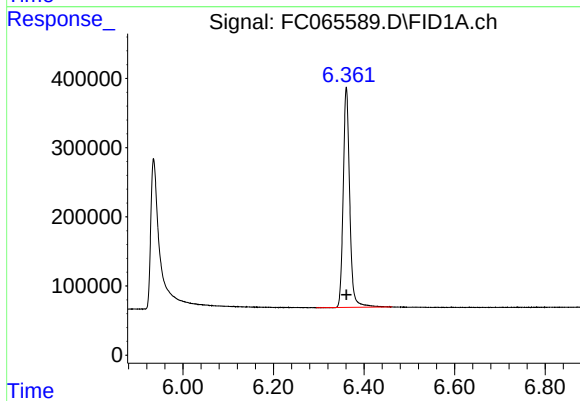
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3124104
Conc: 19.75 ug/ml



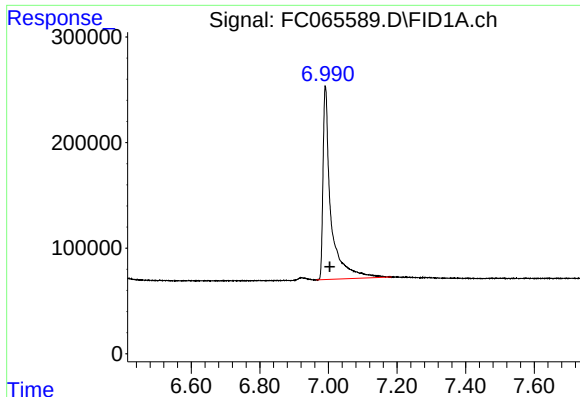
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 3116959
Conc: 18.64 ug/ml



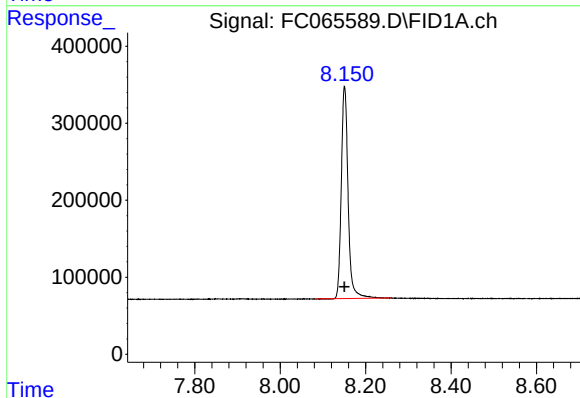
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 3154759
Conc: 19.66 ug/ml



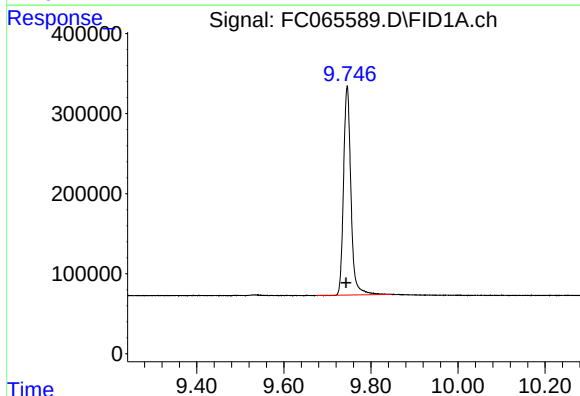
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.012 min
Response: 2950728
Conc: 19.12 ug/ml



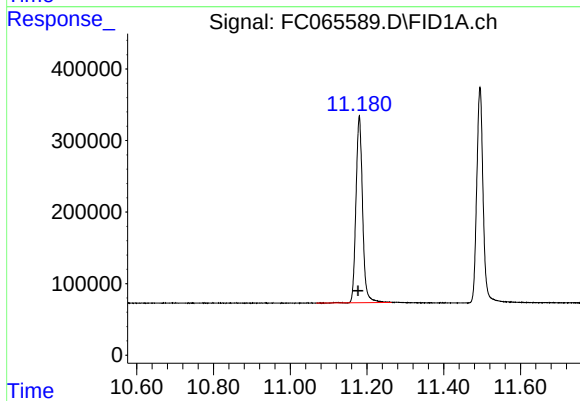
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 3056384
Conc: 19.49 ug/ml



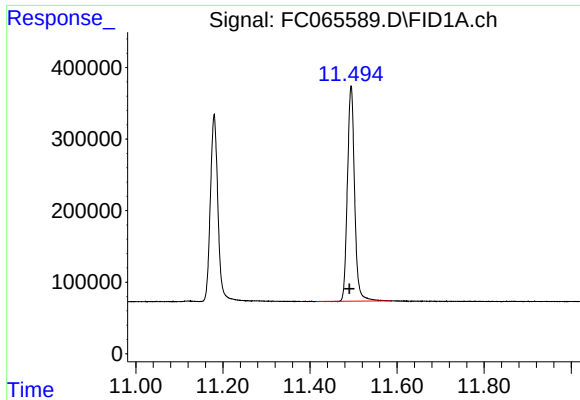
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 3069800
Conc: 19.20 ug/ml



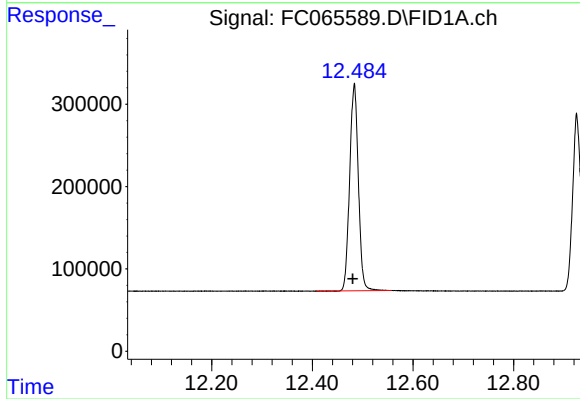
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 3119284
Conc: 19.04 ug/ml



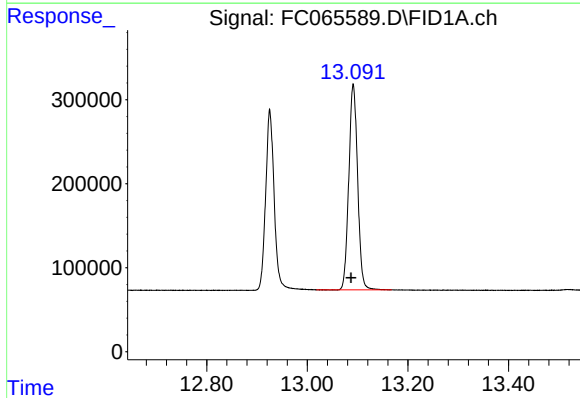
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.004 min
Response: 3439020
Conc: 18.91 ug/ml



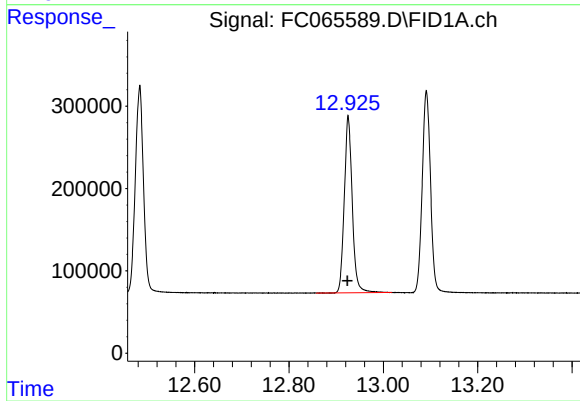
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.003 min
Response: 3014832
Conc: 18.93 ug/ml



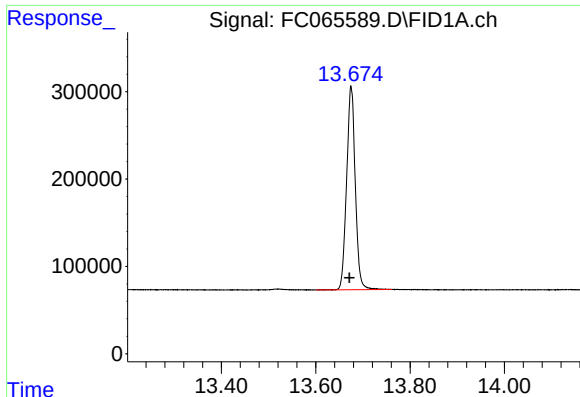
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.004 min
Response: 2979845
Conc: 18.99 ug/ml



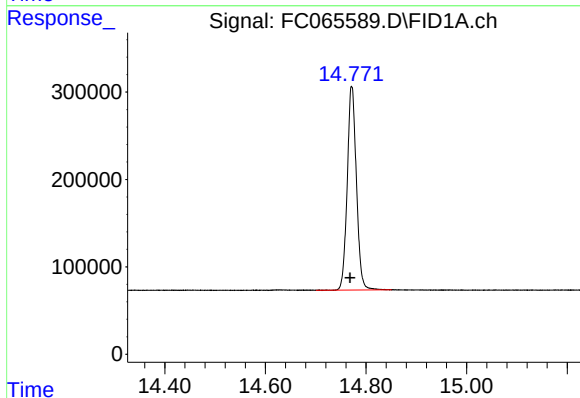
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 2520199
Conc: 18.70 ug/ml



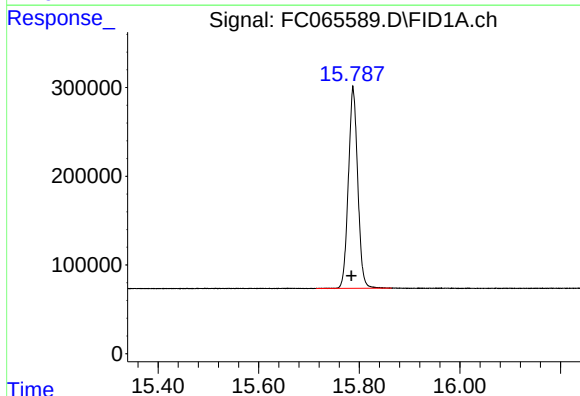
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.004 min
Response: 2963953
Conc: 18.98 ug/ml



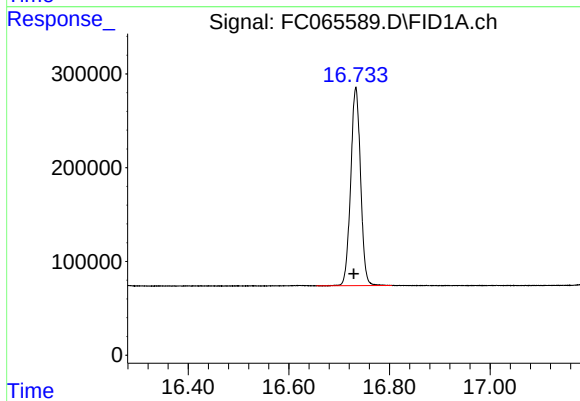
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.003 min
Response: 2950153
Conc: 18.98 ug/ml



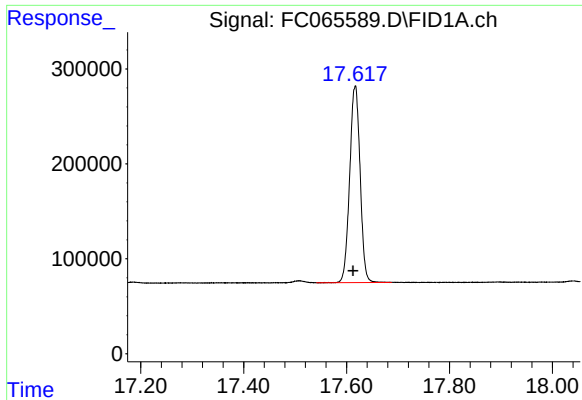
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 2919736
Conc: 19.02 ug/ml



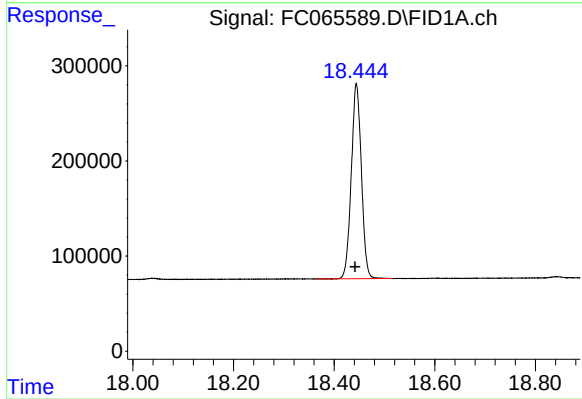
#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.004 min
Response: 2869287
Conc: 19.04 ug/ml



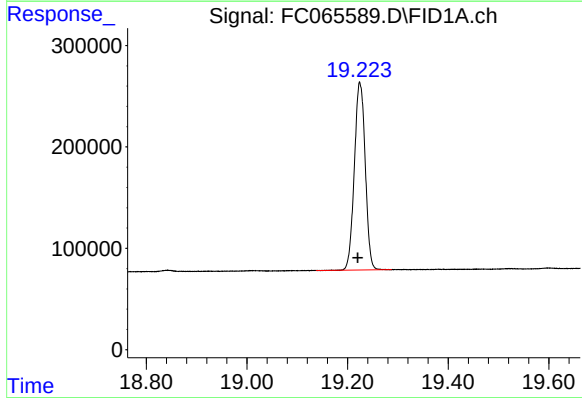
#17 n-Tricontane (C30)

R.T.: 17.617 min
Delta R.T.: 0.004 min
Response: 2908569
Conc: 19.04 ug/ml



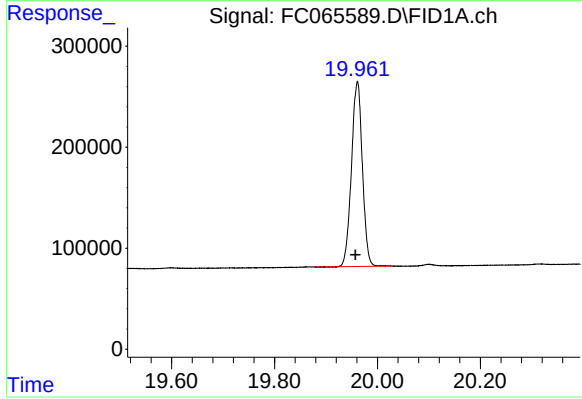
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.003 min
Response: 2855863
Conc: 18.97 ug/ml



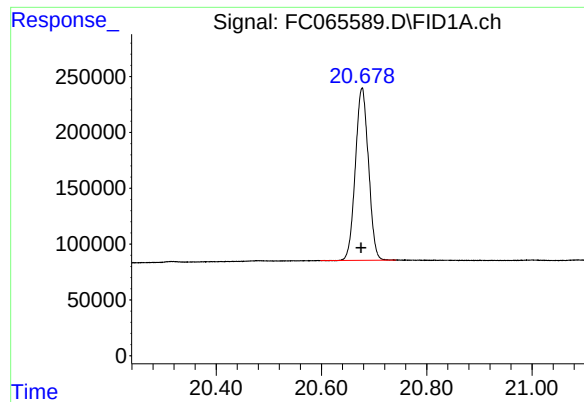
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.005 min
Response: 2778138
Conc: 19.35 ug/ml



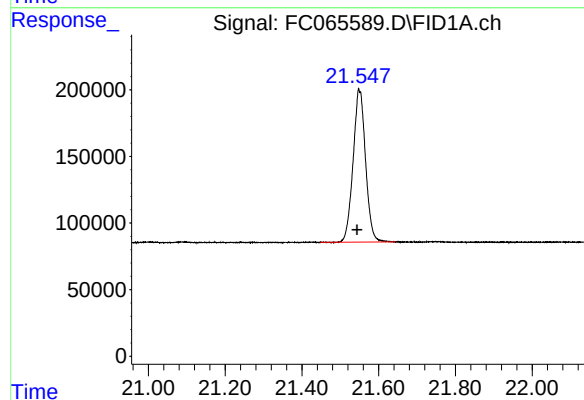
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.004 min
Response: 2692222
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: 0.002 min
Response: 2662931
Conc: 19.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.006 min
Response: 2584545
Conc: 18.68 ug/ml