

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021624AL\
 Data File : FC065787.D
 Signal(s) : FID1A.ch
 Acq On : 16 Feb 2024 12:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 17 02:57:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.502	3244035	18.912 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	12.934	2438558	19.377 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.293	2822804	18.789 ug/ml
2) T n-Decane (C10)	4.355	2908257	19.128 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3109372	20.163 ug/ml
4) T n-Dodecane (C12)	6.368	2887019	18.863 ug/ml
5) T A~2-methylnaphthalene...	6.996	2862834	20.104 ug/ml
6) T n-Tetradecane (C14)	8.157	2815822	18.966 ug/ml
7) T n-Hexadecane (C16)	9.751	2911686	19.416 ug/ml
8) T n-Octadecane (C18)	11.188	2943336	19.081 ug/ml
10) T n-Eicosane (C20)	12.492	2855657	18.990 ug/ml
11) T n-Heneicosane (C21)	13.100	2847460	19.039 ug/ml
13) T n-Docosane (C22)	13.683	2848653	19.205 ug/ml
14) T n-Tetracosane (C24)	14.780	2896453	19.481 ug/ml
15) T n-Hexacosane (C26)	15.797	2906227	19.612 ug/ml
16) T n-Octacosane (C28)	16.742	3067127	20.903 ug/ml
17) T n-Tricontane (C30)	17.625	3127719	20.835 ug/ml
18) T n-Dotriacontane (C32)	18.453	3256570	22.021 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3109448	21.453 ug/mlm
20) T n-Hexatriacontane (C36)	19.970	3073096	21.650 ug/mlm
21) T n-Octatriacontane (C38)	20.687	3069370	21.684 ug/mlm
22) T n-Tetracontane (C40)	21.563	2742277	19.660 ug/mlm

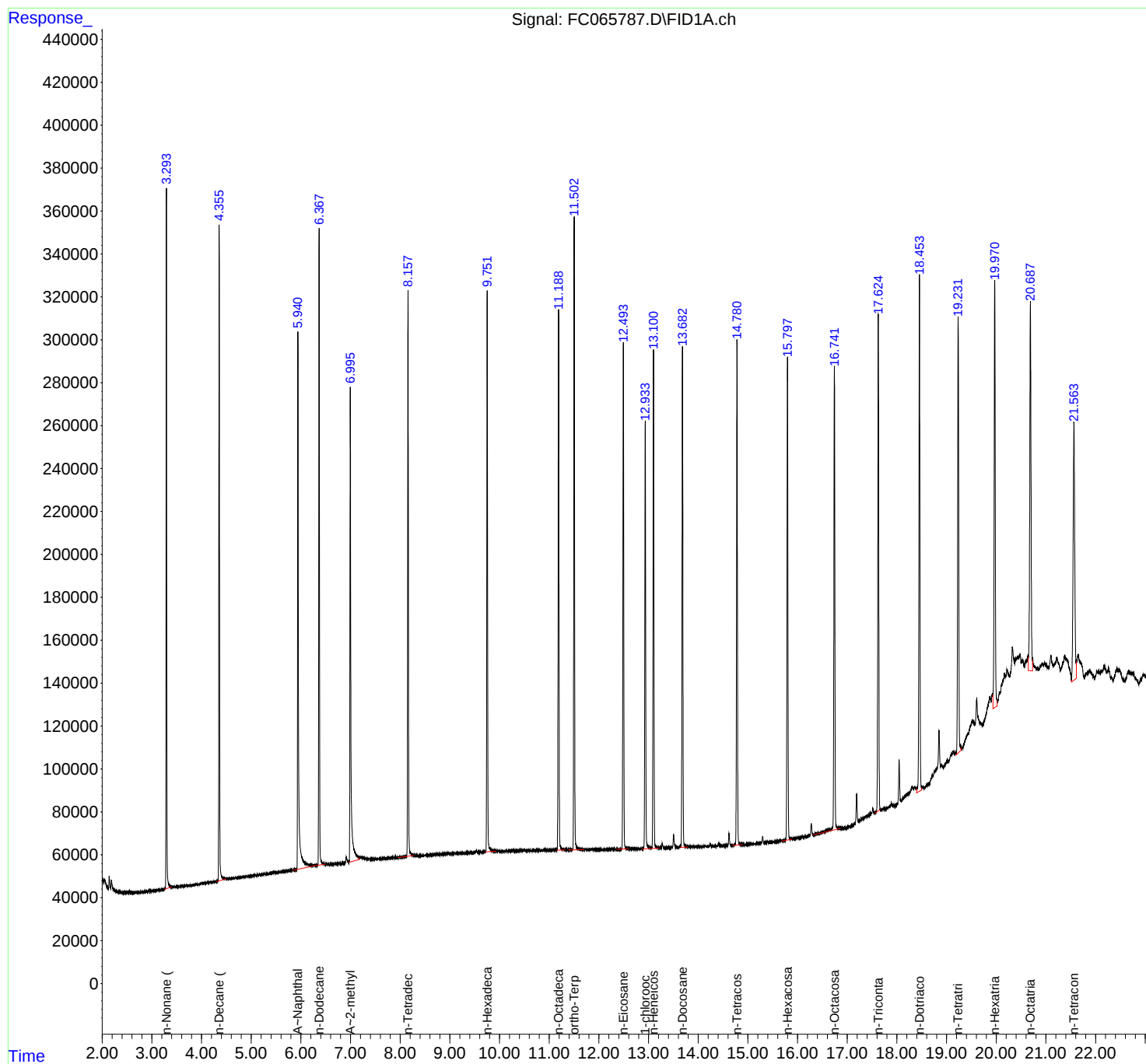
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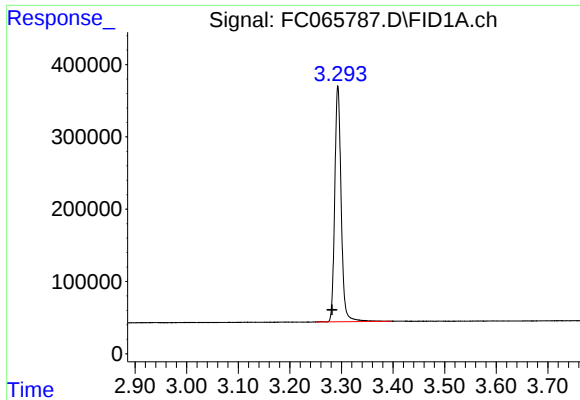
(m)=manual int.

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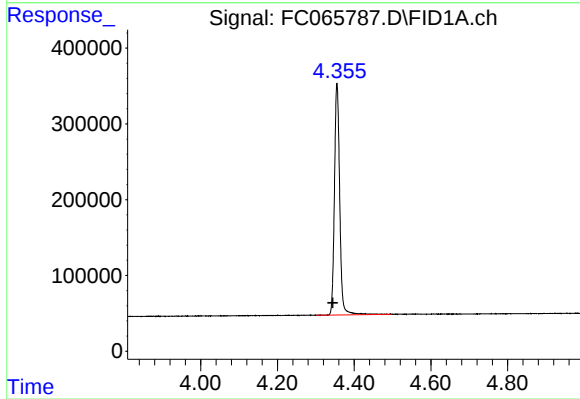
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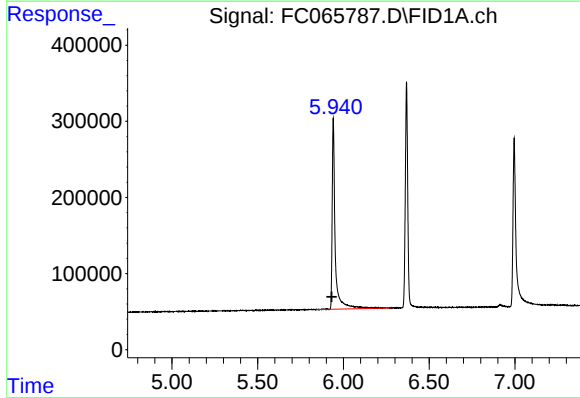
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: 0.011 min
Response: 2822804
Conc: 18.79 ug/ml



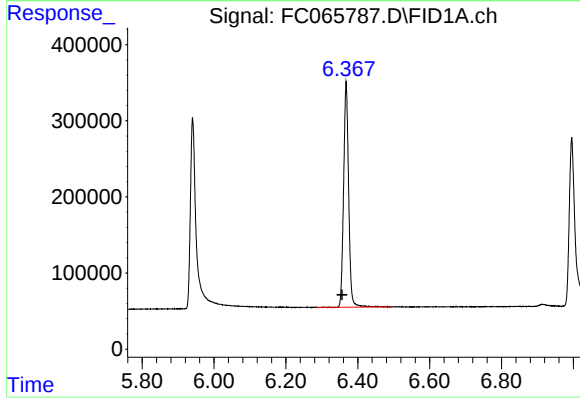
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.011 min
Response: 2908257
Conc: 19.13 ug/ml



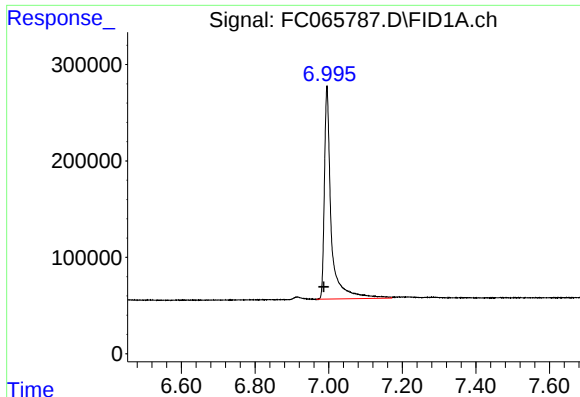
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: 0.010 min
Response: 3109372
Conc: 20.16 ug/ml



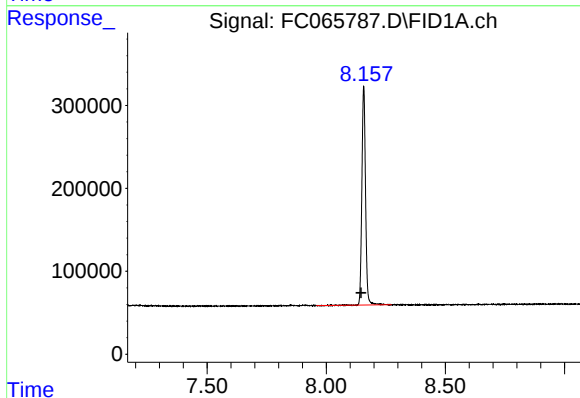
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: 0.011 min
Response: 2887019
Conc: 18.86 ug/ml



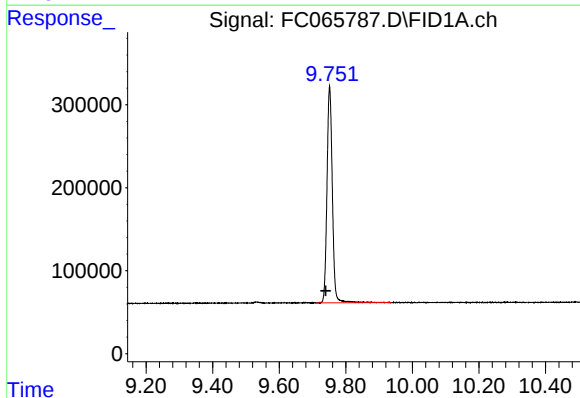
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: 0.009 min
Response: 2862834
Conc: 20.10 ug/ml



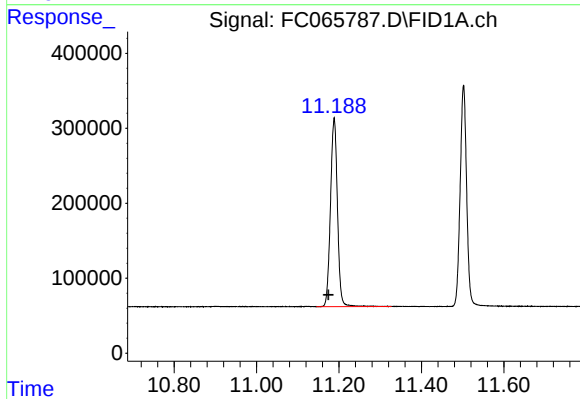
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.012 min
Response: 2815822
Conc: 18.97 ug/ml



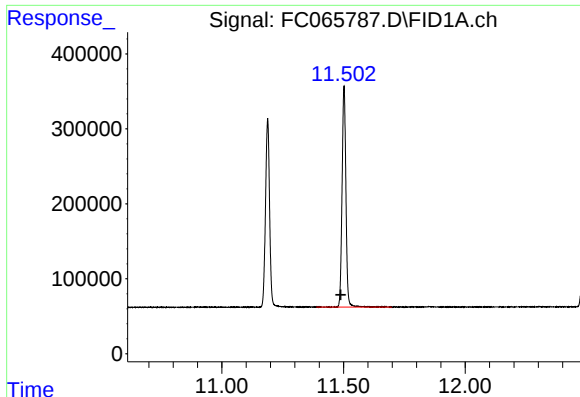
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.011 min
Response: 2911686
Conc: 19.42 ug/ml



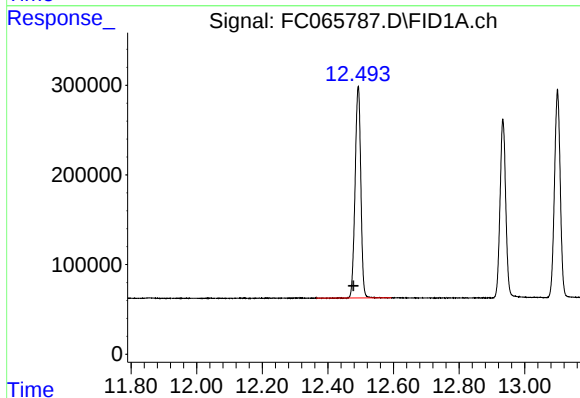
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.014 min
Response: 2943336
Conc: 19.08 ug/ml



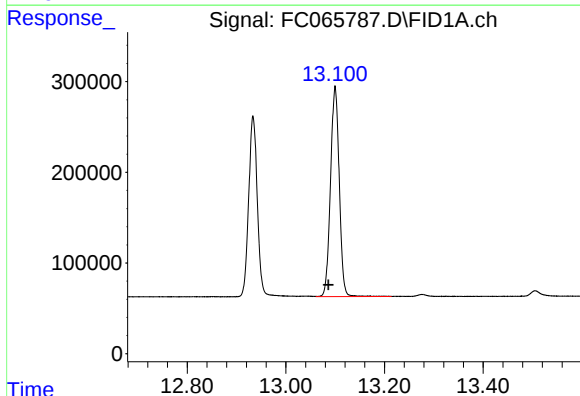
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.013 min
Response: 3244035
Conc: 18.91 ug/ml



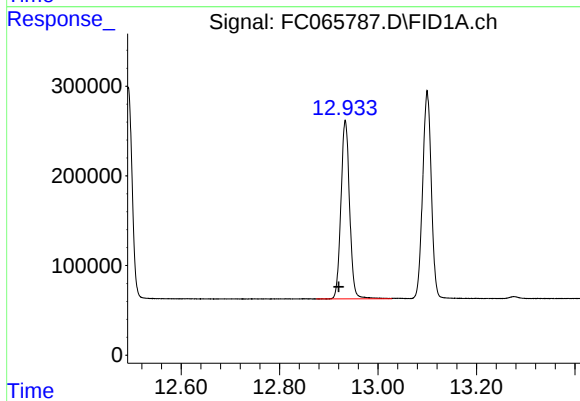
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.014 min
Response: 2855657
Conc: 18.99 ug/ml



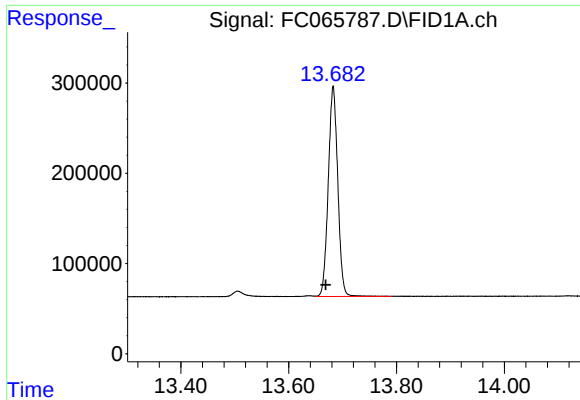
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: 0.014 min
Response: 2847460
Conc: 19.04 ug/ml



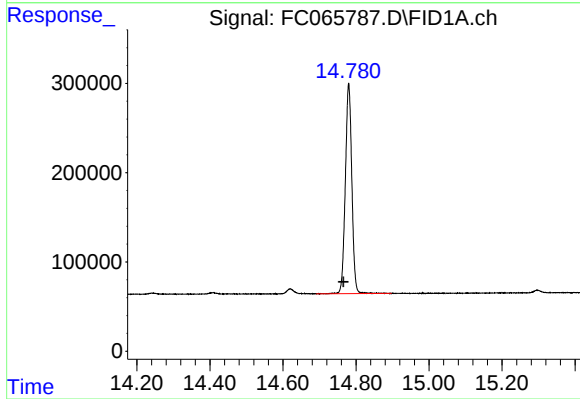
#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: 0.014 min
Response: 2438558
Conc: 19.38 ug/ml



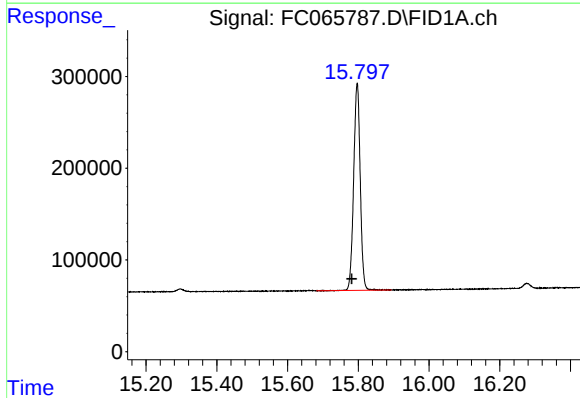
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: 0.014 min
Response: 2848653
Conc: 19.20 ug/ml



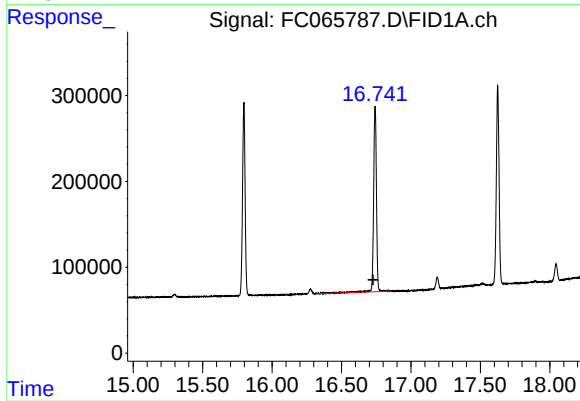
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: 0.014 min
Response: 2896453
Conc: 19.48 ug/ml



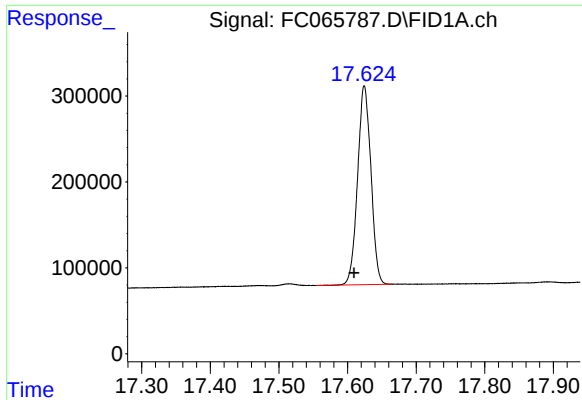
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: 0.016 min
Response: 2906227
Conc: 19.61 ug/ml



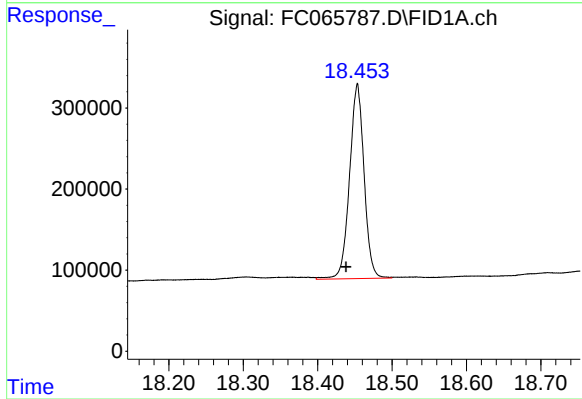
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: 0.016 min
Response: 3067127
Conc: 20.90 ug/ml



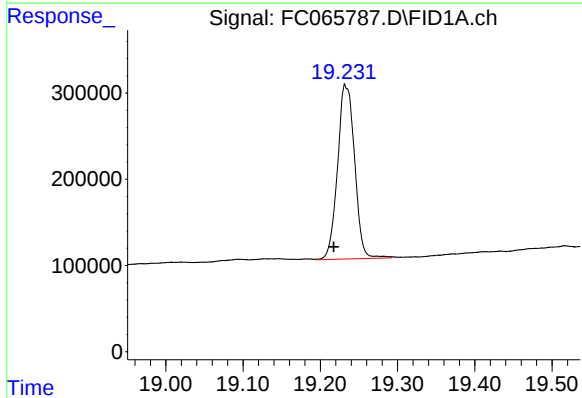
#17 n-Tricontane (C30)

R.T.: 17.625 min
Delta R.T.: 0.015 min
Response: 3127719
Conc: 20.84 ug/ml



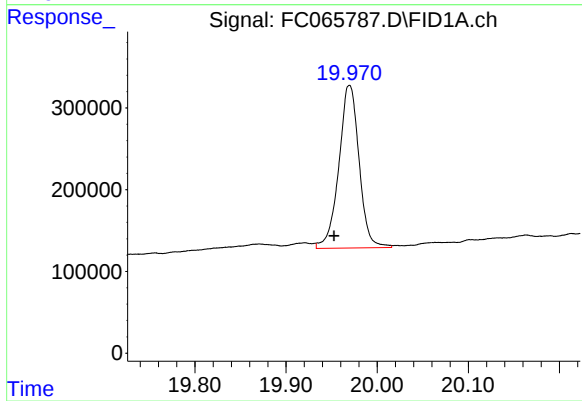
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: 0.015 min
Response: 3256570
Conc: 22.02 ug/ml



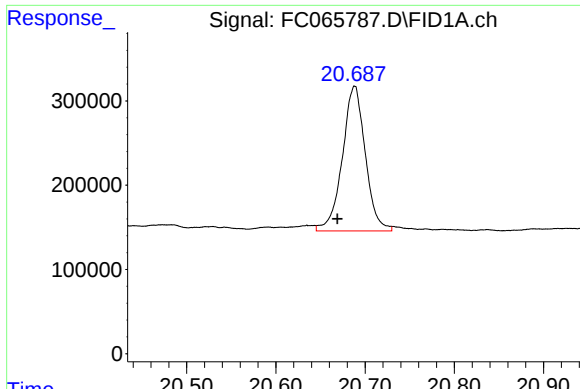
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 3109448
Conc: 21.45 ug/ml m



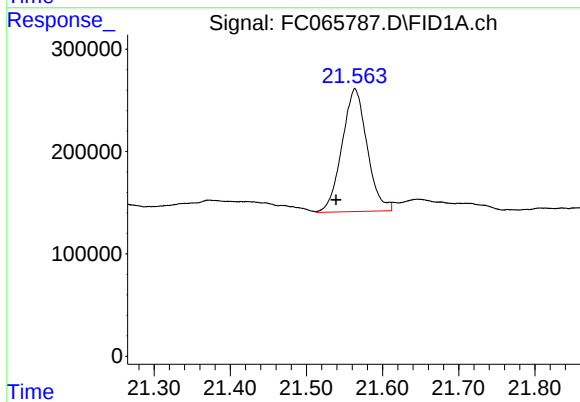
#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: 0.017 min
Response: 3073096
Conc: 21.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.687 min
Delta R.T.: 0.018 min
Response: 3069370
Conc: 21.68 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: 0.024 min
Response: 2742277
Conc: 19.66 ug/ml m