

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020824AL\
 Data File : FC065687.D
 Signal(s) : FID1A.ch
 Acq On : 08 Feb 2024 22:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 02:16:29 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)	11.488	3444281	20.079 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	12.919	2570712	20.427 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	3.281	3053979	20.328 ug/ml
2) T n-Decane (C10)	4.343	3089778	20.322 ug/ml
3) T A~Naphthalene (C11.7)	5.930	3145404	20.397 ug/ml
4) T n-Dodecane (C12)	6.356	3109760	20.318 ug/ml
5) T A~2-methylnaphthalene...	6.985	2937893	20.632 ug/ml
6) T n-Tetradecane (C14)	8.145	3029717	20.407 ug/ml
7) T n-Hexadecane (C16)	9.739	3075648	20.509 ug/ml
8) T n-Octadecane (C18)	11.174	3133309	20.313 ug/ml
10) T n-Eicosane (C20)	12.477	3041488	20.225 ug/ml
11) T n-Heneicosane (C21)	13.085	3007344	20.108 ug/ml
13) T n-Docosane (C22)	13.669	2994670	20.189 ug/ml
14) T n-Tetracosane (C24)	14.767	2997018	20.157 ug/ml
15) T n-Hexacosane (C26)	15.781	2977417	20.092 ug/ml
16) T n-Octacosane (C28)	16.728	2951867	20.118 ug/ml
17) T n-Tricontane (C30)	17.610	3018712	20.109 ug/ml
18) T n-Dotriacontane (C32)	18.438	2981132	20.158 ug/ml
19) T n-Tetratriacontane (C34)	19.217	2891414	19.949 ug/ml
20) T n-Hexatriacontane (C36)	19.954	2815848	19.838 ug/ml
21) T n-Octatriacontane (C38)	20.670	2776691	19.616 ug/ml
22) T n-Tetracontane (C40)	21.538	2731114	19.580 ug/ml

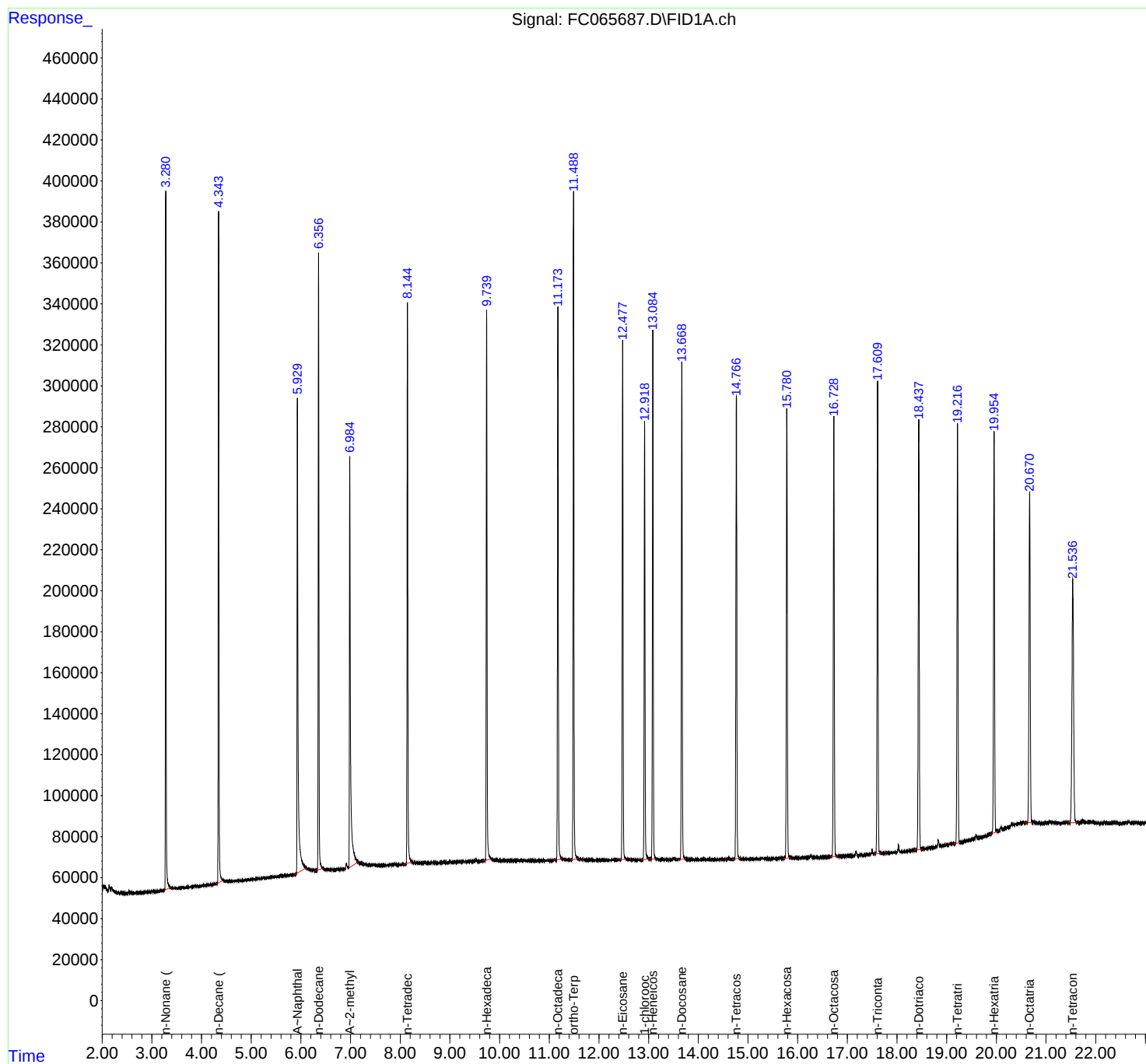
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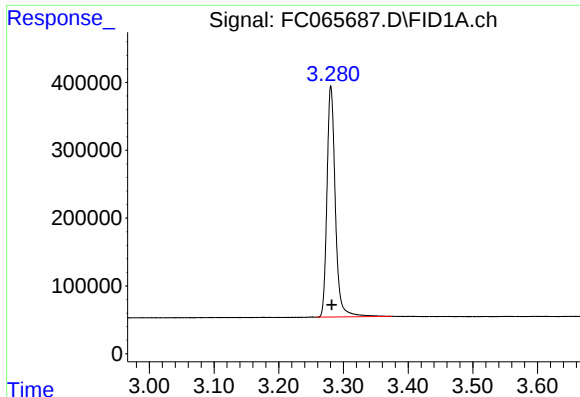
(m)=manual int.

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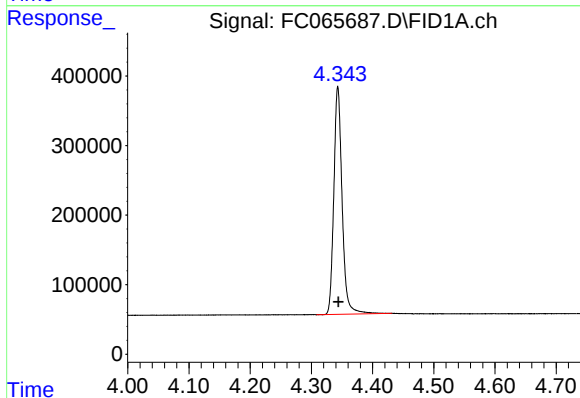
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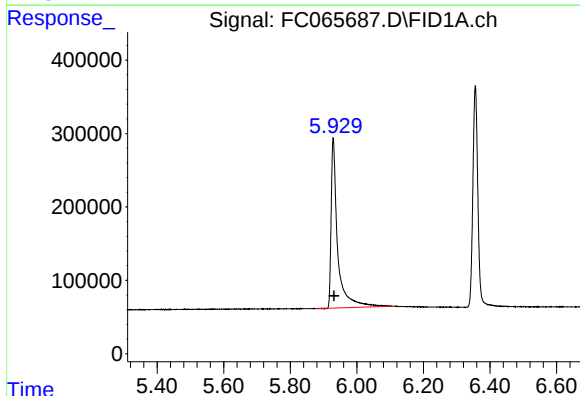
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.001 min
Response: 3053979
Conc: 20.33 ug/ml



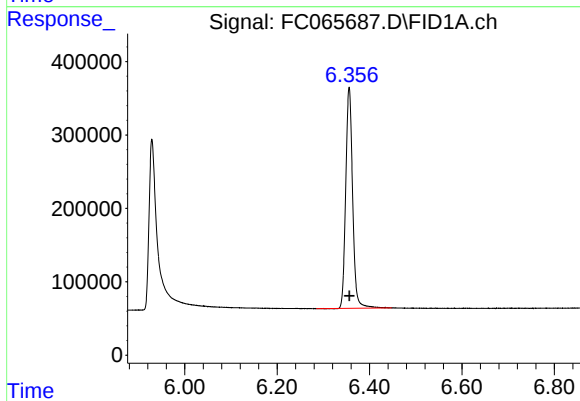
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 3089778
Conc: 20.32 ug/ml



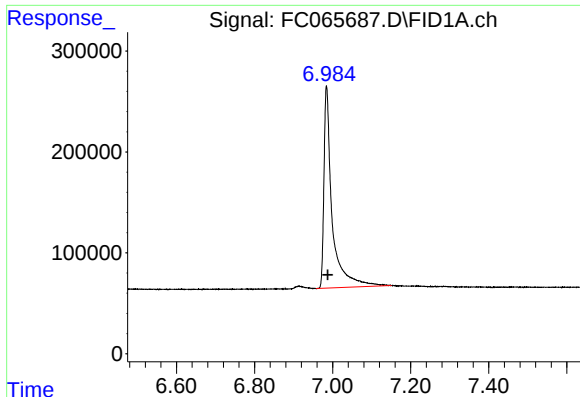
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 3145404
Conc: 20.40 ug/ml



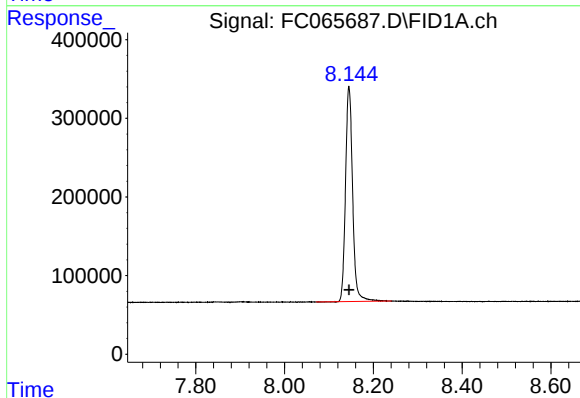
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 3109760
Conc: 20.32 ug/ml



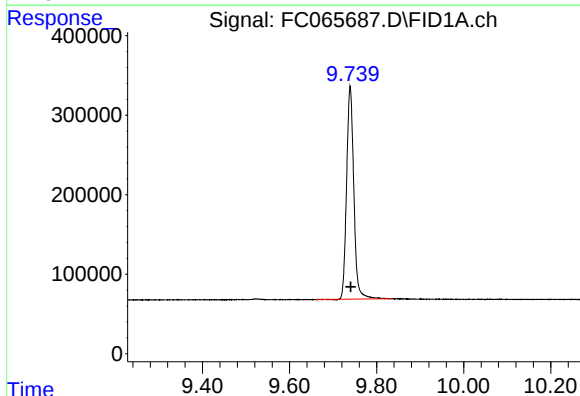
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 2937893
Conc: 20.63 ug/ml



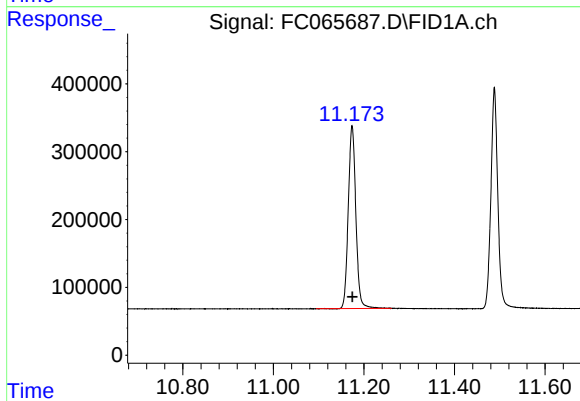
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 3029717
Conc: 20.41 ug/ml



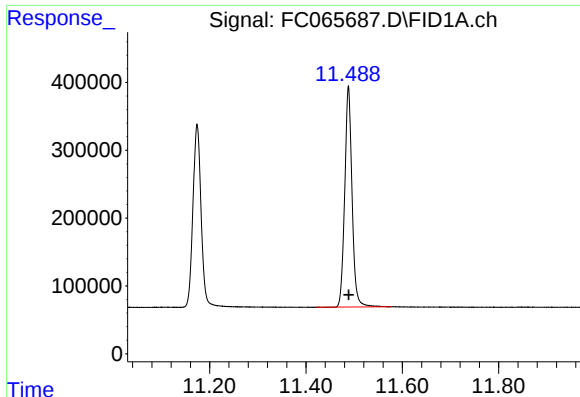
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.001 min
Response: 3075648
Conc: 20.51 ug/ml



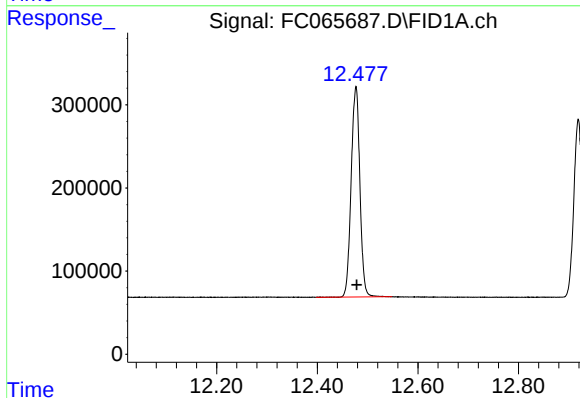
#8 n-Octadecane (C18)

R.T.: 11.174 min
Delta R.T.: 0.000 min
Response: 3133309
Conc: 20.31 ug/ml



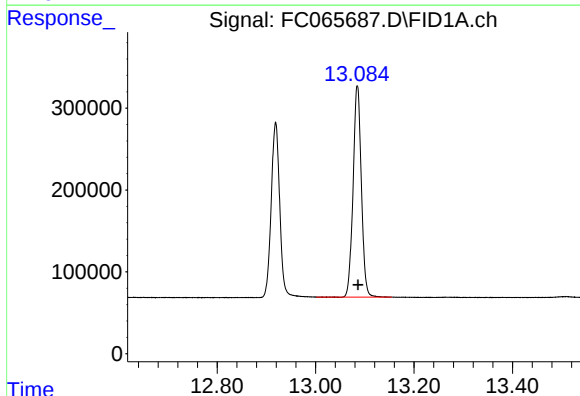
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: 0.000 min
Response: 3444281
Conc: 20.08 ug/ml



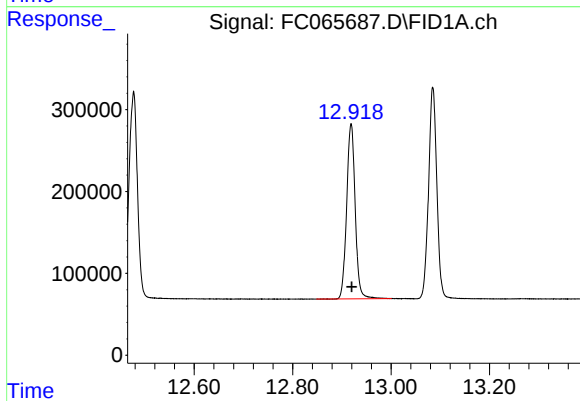
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: -0.001 min
Response: 3041488
Conc: 20.23 ug/ml



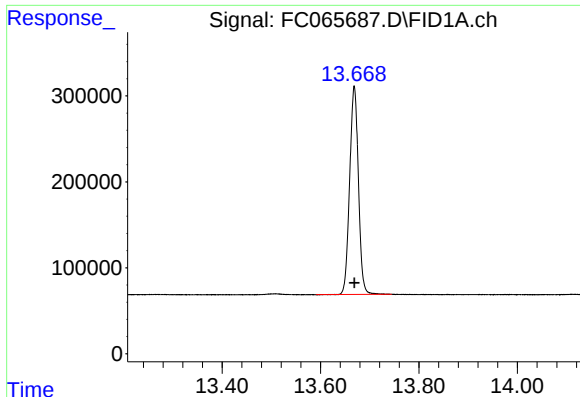
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.001 min
Response: 3007344
Conc: 20.11 ug/ml



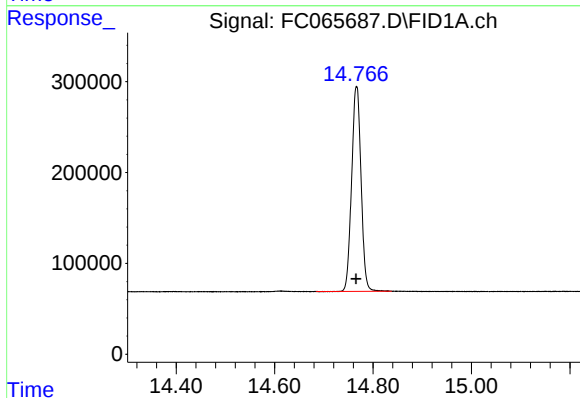
#12 1-chlorooctadecane (SURR)

R.T.: 12.919 min
Delta R.T.: -0.001 min
Response: 2570712
Conc: 20.43 ug/ml



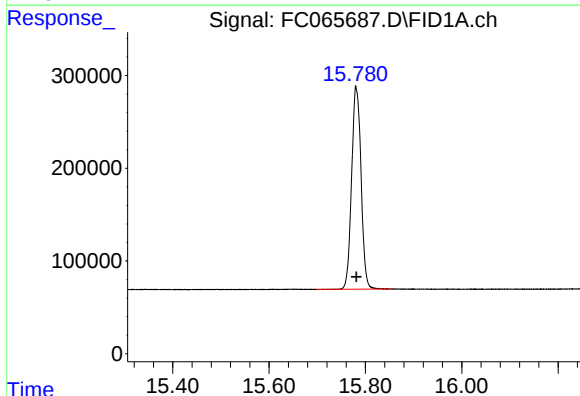
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 2994670
Conc: 20.19 ug/ml



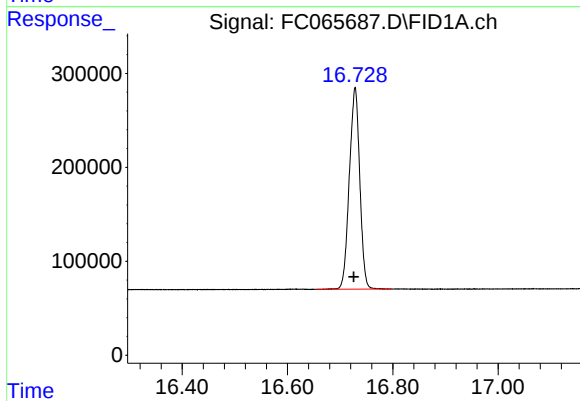
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: 0.000 min
Response: 2997018
Conc: 20.16 ug/ml



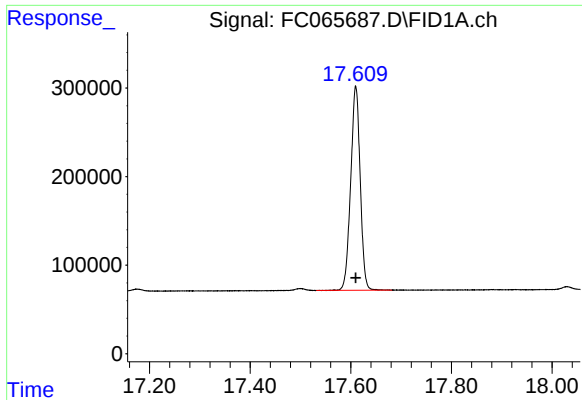
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: 0.000 min
Response: 2977417
Conc: 20.09 ug/ml



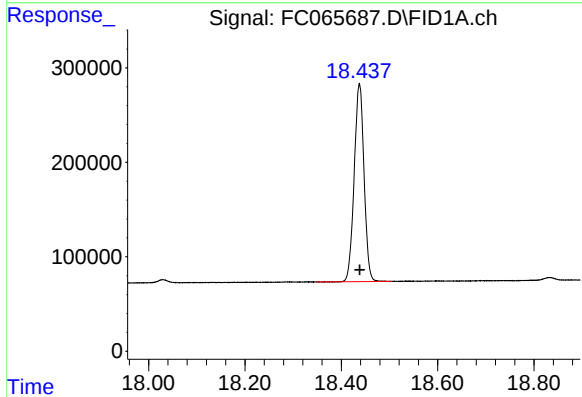
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: 0.002 min
Response: 2951867
Conc: 20.12 ug/ml



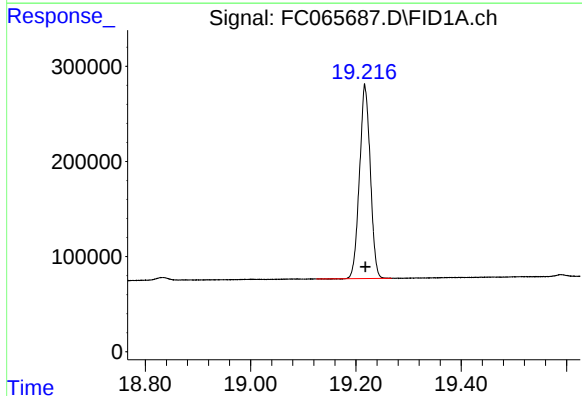
#17 n-Tricontane (C30)

R.T.: 17.610 min
Delta R.T.: 0.000 min
Response: 3018712
Conc: 20.11 ug/ml



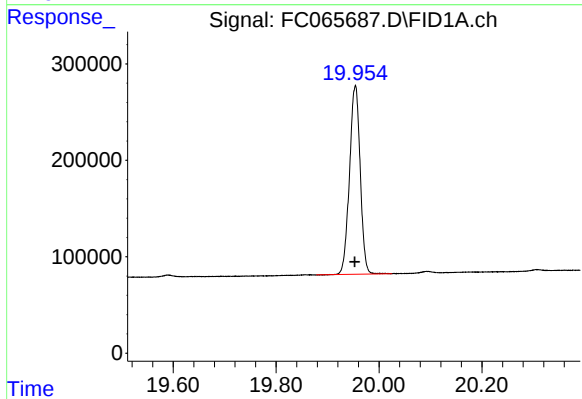
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 2981132
Conc: 20.16 ug/ml



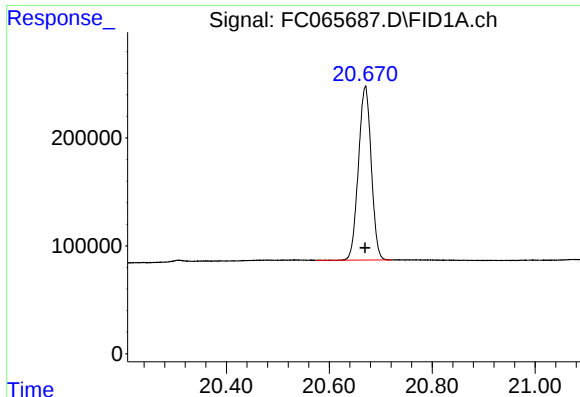
#19 n-Tetratriacontane (C34)

R.T.: 19.217 min
Delta R.T.: 0.000 min
Response: 2891414
Conc: 19.95 ug/ml



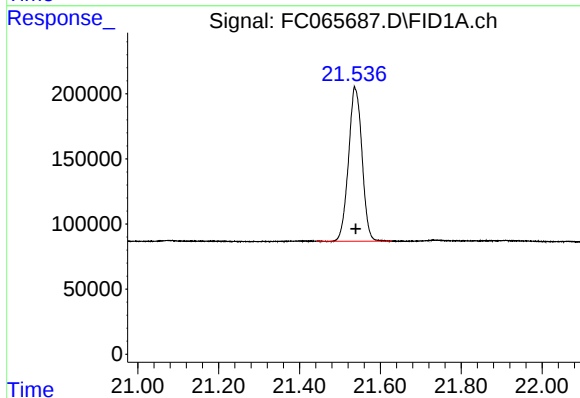
#20 n-Hexatriacontane (C36)

R.T.: 19.954 min
Delta R.T.: 0.000 min
Response: 2815848
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.670 min
Delta R.T.: 0.000 min
Response: 2776691
Conc: 19.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.538 min
Delta R.T.: -0.001 min
Response: 2731114
Conc: 19.58 ug/ml