

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020824AL\
 Data File : FC065668.D
 Signal(s) : FID1A.ch
 Acq On : 08 Feb 2024 11:06
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 12:54:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 12:53:53 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)	11.491	8750170	50.562 ug/ml
Spiked Amount 50.000		Recovery =	101.12%
12) S 1-chlorooctadecane (S...	12.922	6511130	50.559 ug/ml
Spiked Amount 50.000		Recovery =	101.12%
Target Compounds			
1) T n-Nonane (C9)	3.281	7862947	52.101 ug/ml
2) T n-Decane (C10)	4.345	7973207	52.094 ug/ml
3) T A~Naphthalene (C11.7)	5.928	8583186	55.986 ug/ml
4) T n-Dodecane (C12)	6.359	7981076	51.386 ug/ml
5) T A~2-methylnaphthalene...	6.983	8204744	56.447 ug/ml
6) T n-Tetradecane (C14)	8.147	7763013	51.454 ug/ml
7) T n-Hexadecane (C16)	9.742	7851441	51.194 ug/ml
8) T n-Octadecane (C18)	11.177	7940601	50.322 ug/ml
10) T n-Eicosane (C20)	12.480	7665542	50.089 ug/ml
11) T n-Heneicosane (C21)	13.088	7566181	49.861 ug/ml
13) T n-Docosane (C22)	13.672	7537796	50.086 ug/ml
14) T n-Tetracosane (C24)	14.769	7552565	50.300 ug/ml
15) T n-Hexacosane (C26)	15.784	7505034	50.343 ug/ml
16) T n-Octacosane (C28)	16.728	7424746	50.593 ug/ml
17) T n-Tricontane (C30)	17.611	7555306	50.550 ug/ml
18) T n-Dotriacontane (C32)	18.440	7458093	50.885 ug/ml
19) T n-Tetratriacontane (C34)	19.220	7335081	51.150 ug/ml
20) T n-Hexatriacontane (C36)	19.956	7209009	51.642 ug/ml
21) T n-Octatriacontane (C38)	20.673	7217445	52.075 ug/ml
22) T n-Tetracontane (C40)	21.542	7186080	52.876 ug/ml

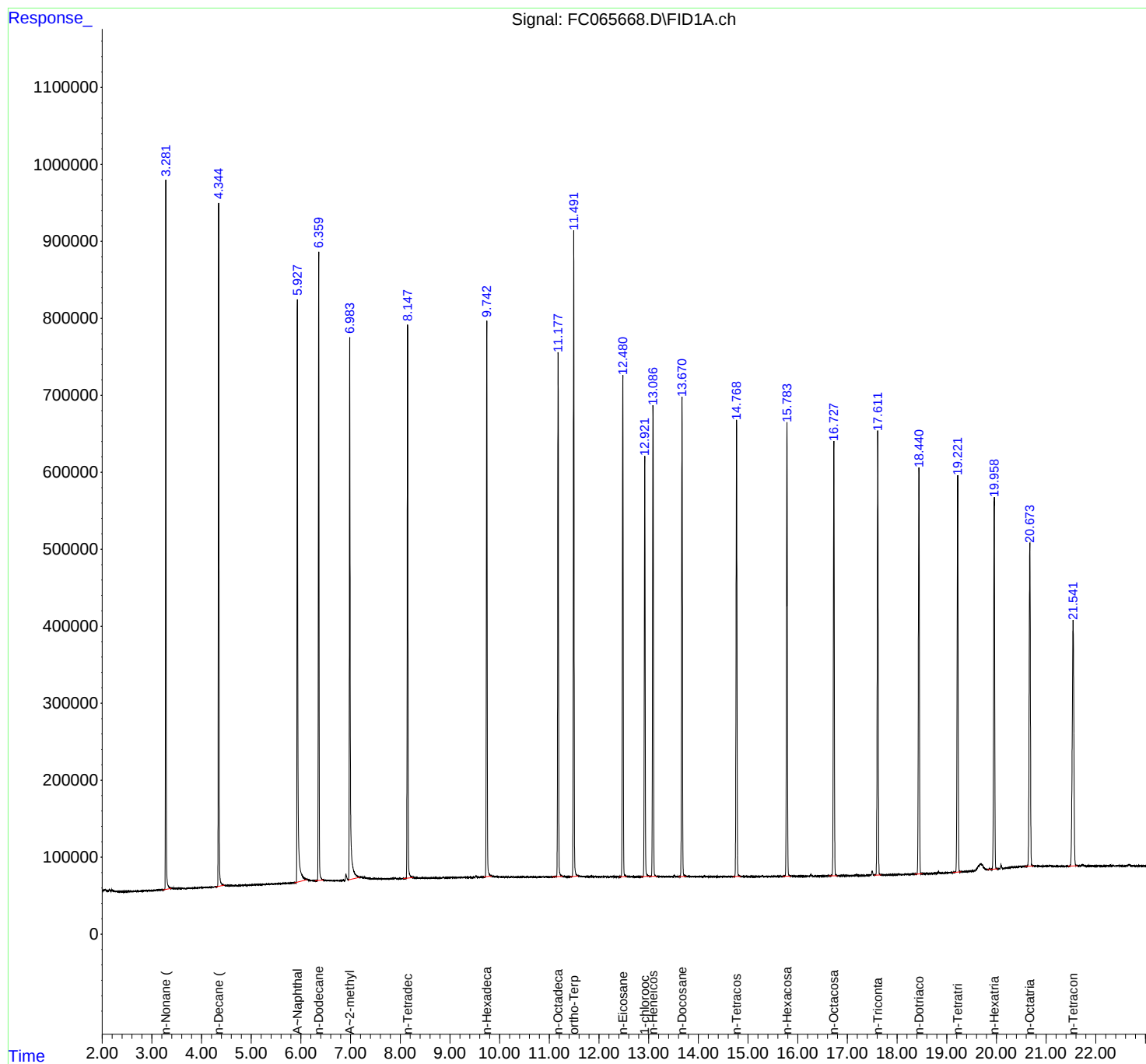
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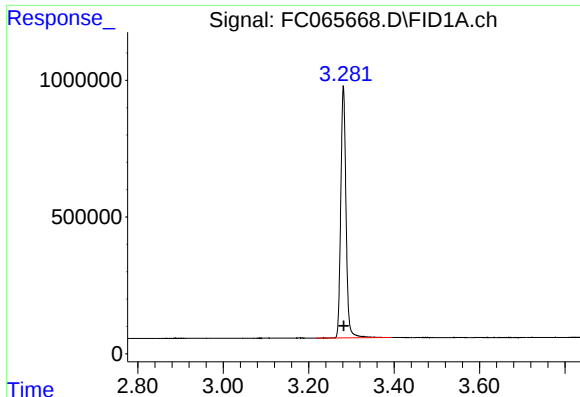
(m)=manual int.

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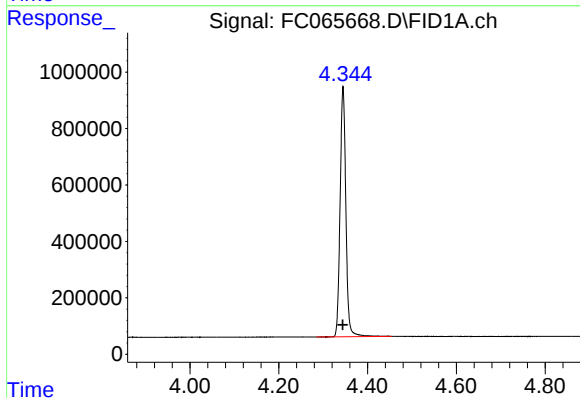
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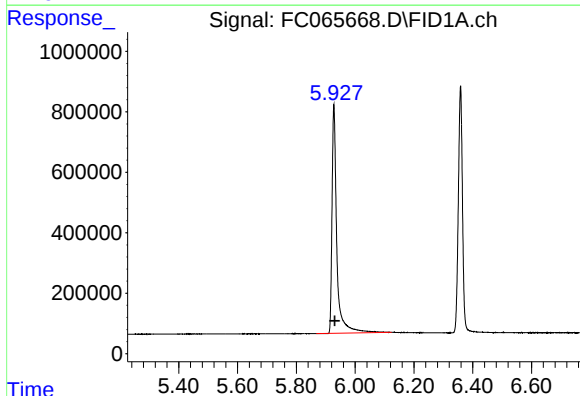
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 7862947
Conc: 52.10 ug/ml



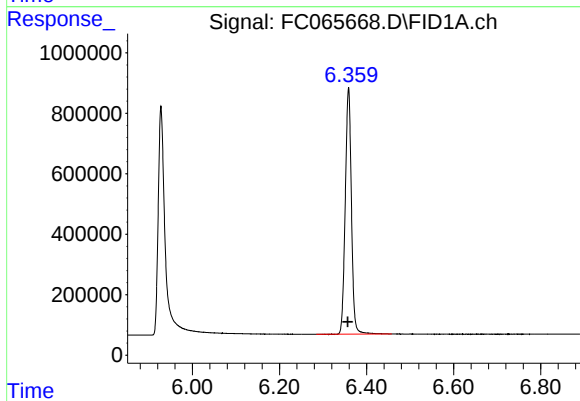
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 7973207
Conc: 52.09 ug/ml



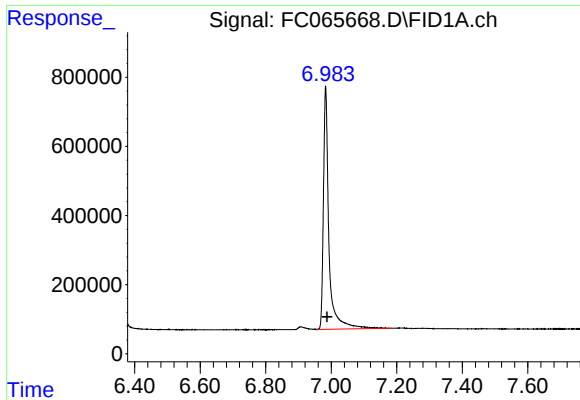
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 8583186
Conc: 55.99 ug/ml



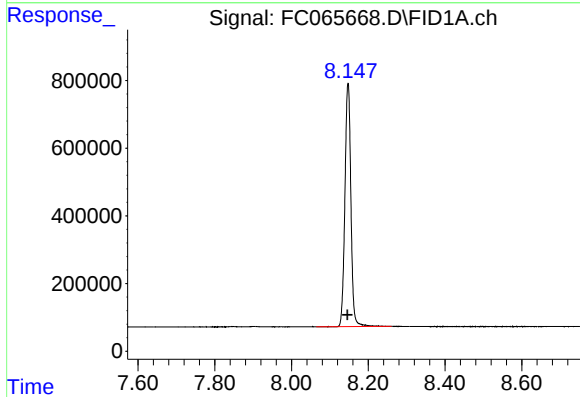
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 7981076
Conc: 51.39 ug/ml



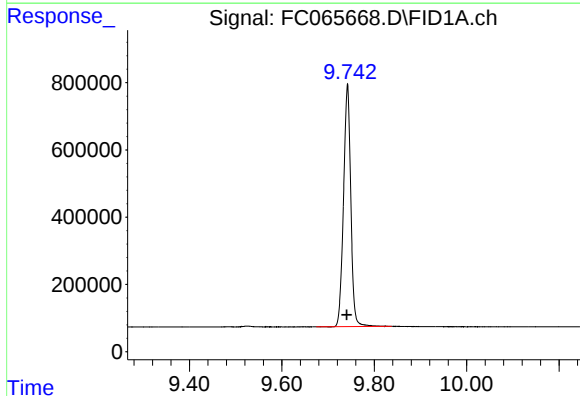
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: -0.004 min
Response: 8204744
Conc: 56.45 ug/ml



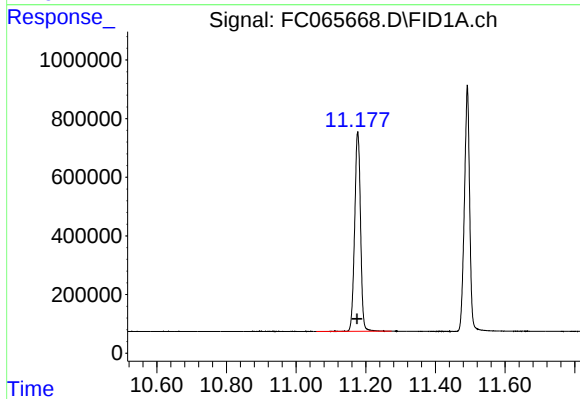
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.002 min
Response: 7763013
Conc: 51.45 ug/ml



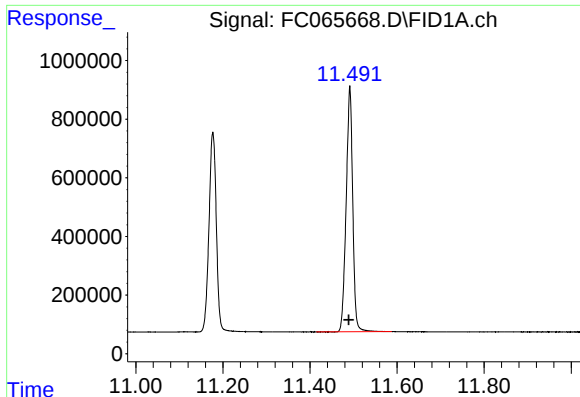
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: 0.002 min
Response: 7851441
Conc: 51.19 ug/ml



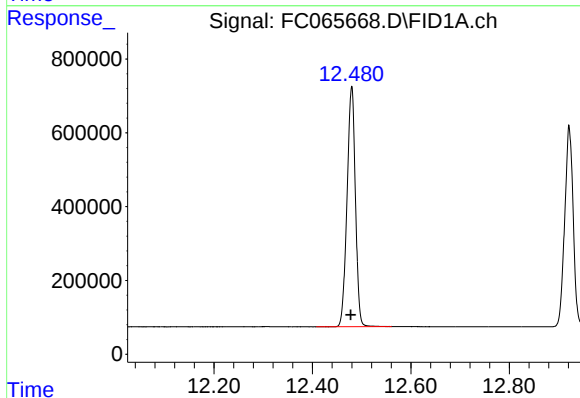
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.002 min
Response: 7940601
Conc: 50.32 ug/ml



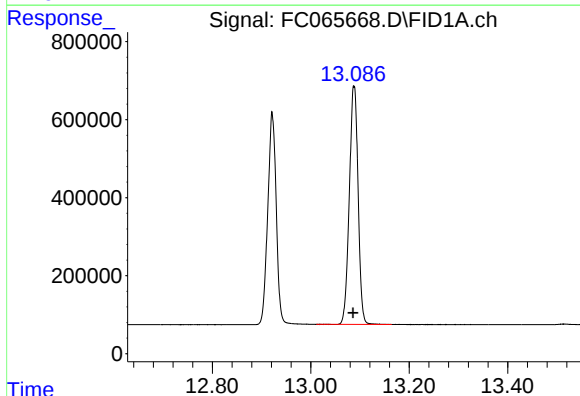
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.003 min
Response: 8750170
Conc: 50.56 ug/ml



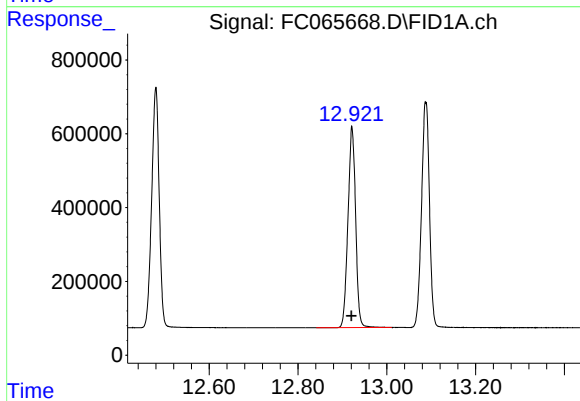
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.002 min
Response: 7665542
Conc: 50.09 ug/ml



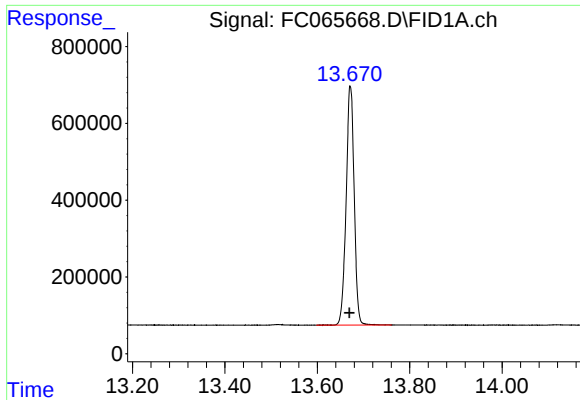
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: 0.001 min
Response: 7566181
Conc: 49.86 ug/ml



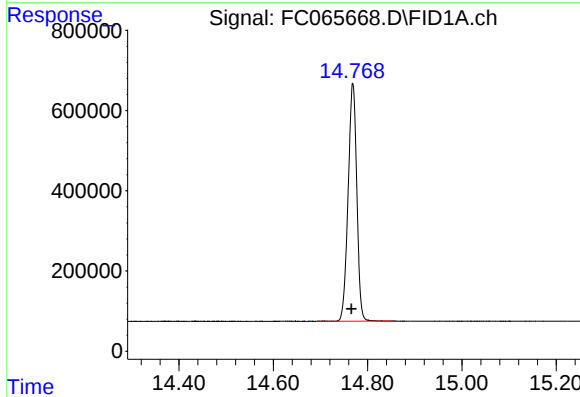
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: 0.002 min
Response: 6511130
Conc: 50.56 ug/ml



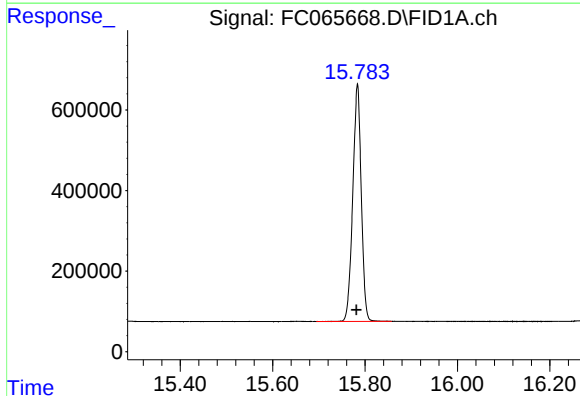
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.003 min
Response: 7537796
Conc: 50.09 ug/ml



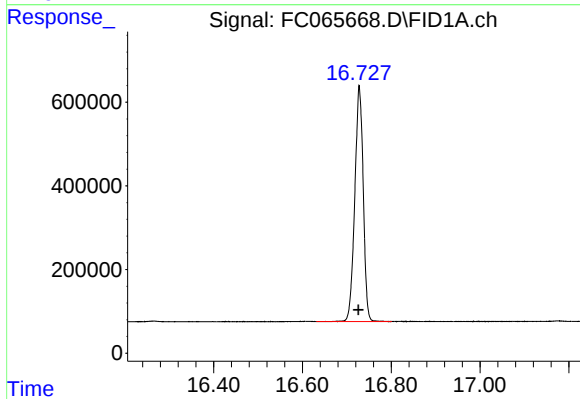
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.003 min
Response: 7552565
Conc: 50.30 ug/ml



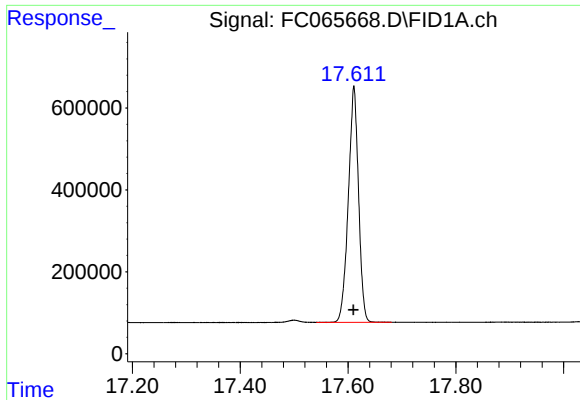
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.002 min
Response: 7505034
Conc: 50.34 ug/ml



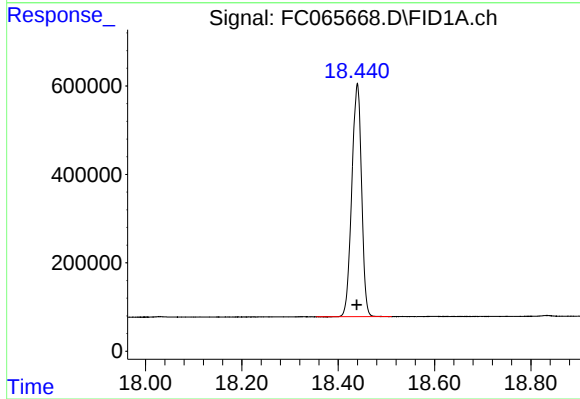
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: 0.002 min
Response: 7424746
Conc: 50.59 ug/ml



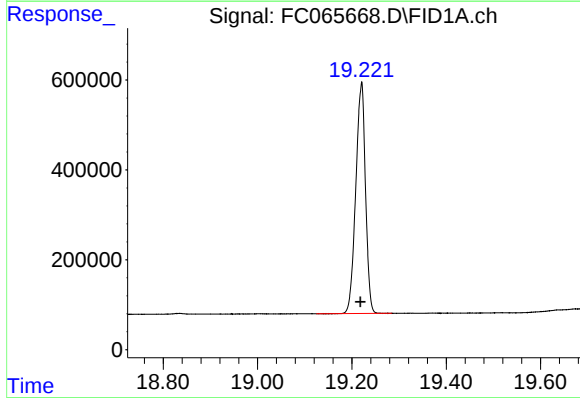
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: 0.001 min
Response: 7555306
Conc: 50.55 ug/ml



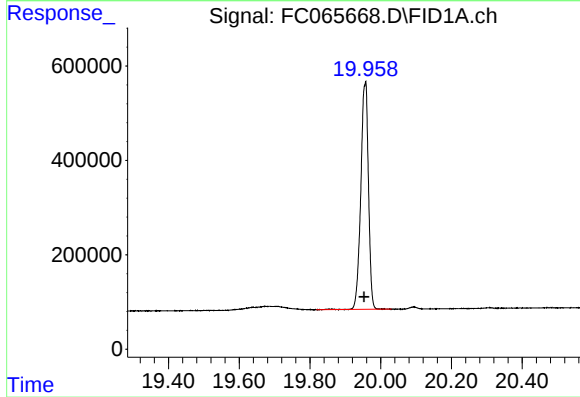
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.002 min
Response: 7458093
Conc: 50.88 ug/ml



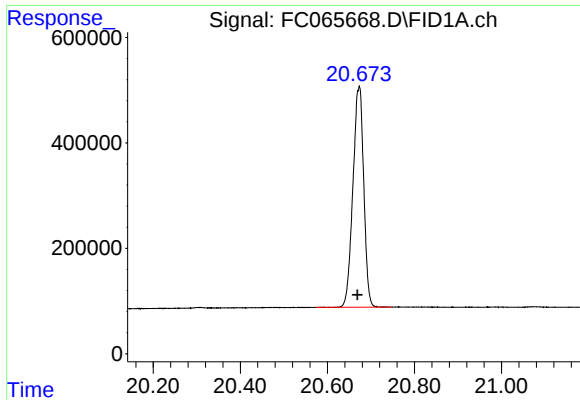
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.002 min
Response: 7335081
Conc: 51.15 ug/ml



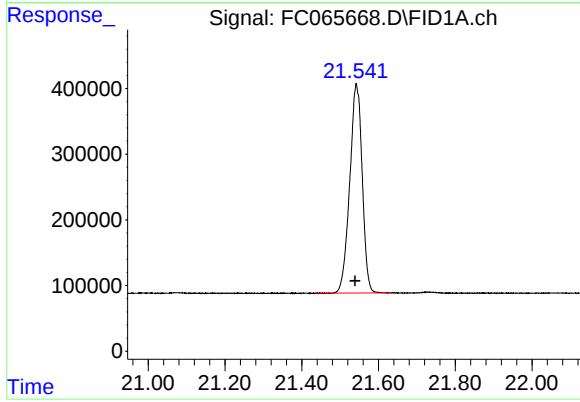
#20 n-Hexatriacontane (C36)

R.T.: 19.956 min
Delta R.T.: 0.003 min
Response: 7209009
Conc: 51.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.673 min
Delta R.T.: 0.003 min
Response: 7217445
Conc: 52.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: 0.003 min
Response: 7186080
Conc: 52.88 ug/ml