

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121823AL\
 Data File : FC065499.D
 Signal(s) : FID1A.ch
 Acq On : 18 Dec 2023 14:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 14:41:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 2023
 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)	11.506	4815848	21.044 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
12) S 1-chlorooctadecane (S...	12.940	3433245	21.004 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T n-Nonane (C9)	3.300	4262791	21.438 ug/ml
2) T n-Decane (C10)	4.360	4309787	21.498 ug/ml
3) T A~Naphthalene (C11.7)	5.941	4419469	21.989 ug/ml
4) T n-Dodecane (C12)	6.371	4372780	21.390 ug/ml
5) T A~2-methylnaphthalene...	6.997	4136963	21.189 ug/ml
6) T n-Tetradecane (C14)	8.162	4271222	21.321 ug/ml
7) T n-Hexadecane (C16)	9.756	4259671	21.280 ug/ml
8) T n-Octadecane (C18)	11.192	4169235	21.186 ug/ml
10) T n-Eicosane (C20)	12.498	3930835	20.968 ug/ml
11) T n-Heneicosane (C21)	13.108	3820084	20.944 ug/ml
13) T n-Docosane (C22)	13.691	3748861	20.778 ug/ml
14) T n-Tetracosane (C24)	14.789	3650381	20.263 ug/ml
15) T n-Hexacosane (C26)	15.805	3503305	20.224 ug/ml
16) T n-Octacosane (C28)	16.751	3427838	19.988 ug/ml
17) T n-Tricontane (C30)	17.637	3478763	19.863 ug/ml
18) T n-Dotriacontane (C32)	18.465	3478774	19.944 ug/ml
19) T n-Tetratriacontane (C34)	19.247	3372670	20.383 ug/ml
20) T n-Hexatriacontane (C36)	19.985	3344076	20.712 ug/ml
21) T n-Octatriacontane (C38)	20.706	3267654	20.603 ug/ml
22) T n-Tetracontane (C40)	21.586	3219906	20.215 ug/ml

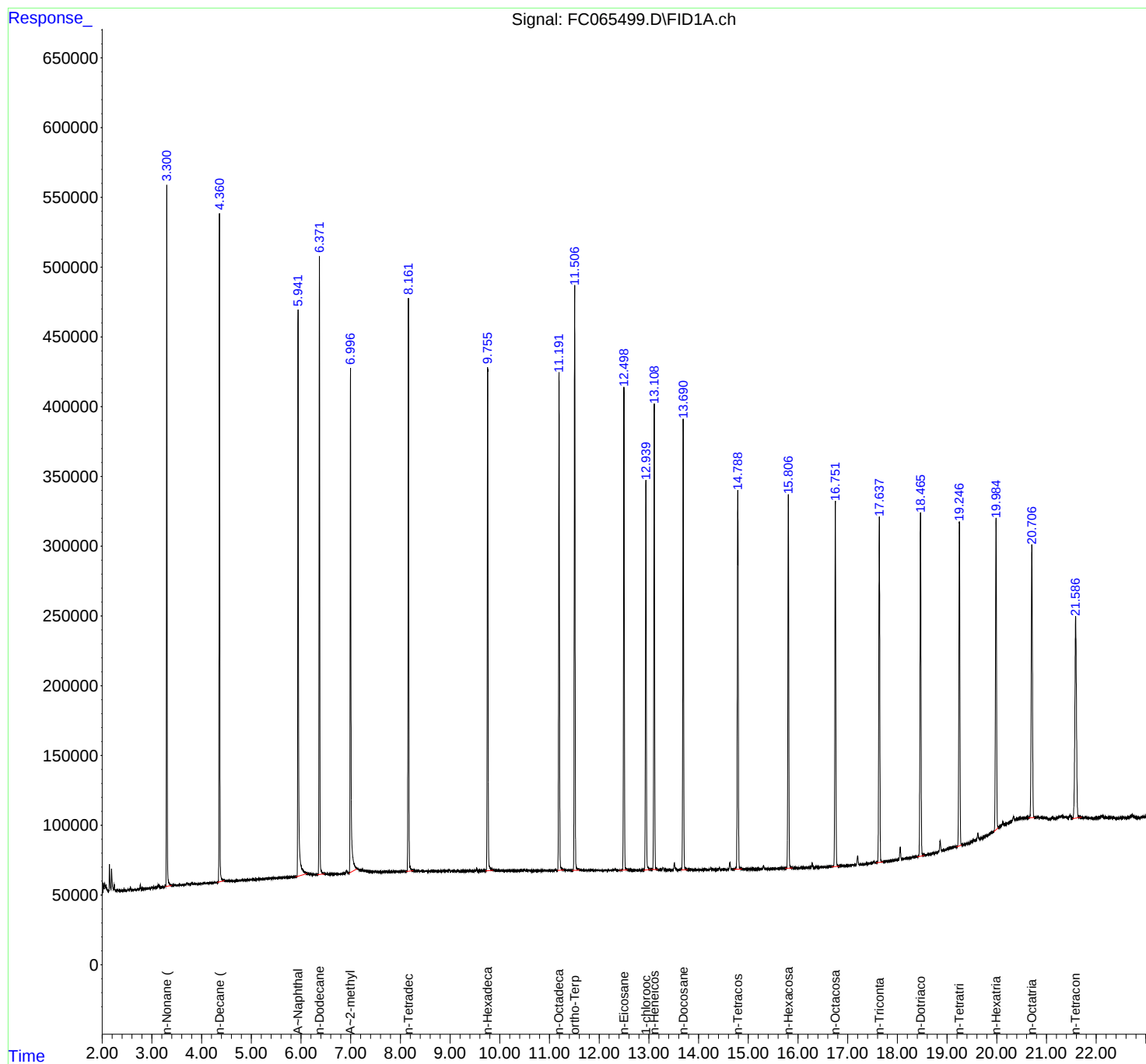
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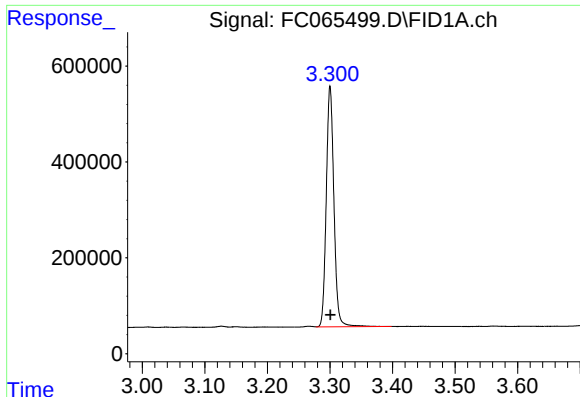
(m)=manual int.

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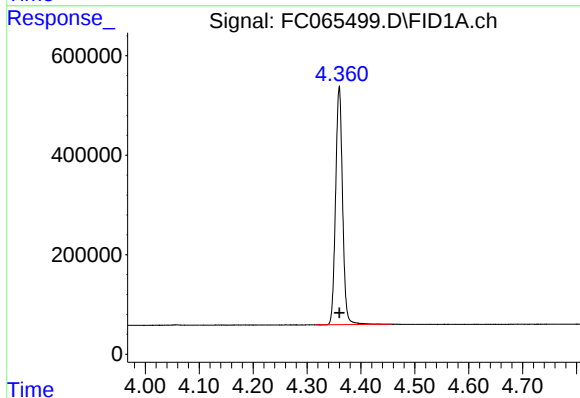
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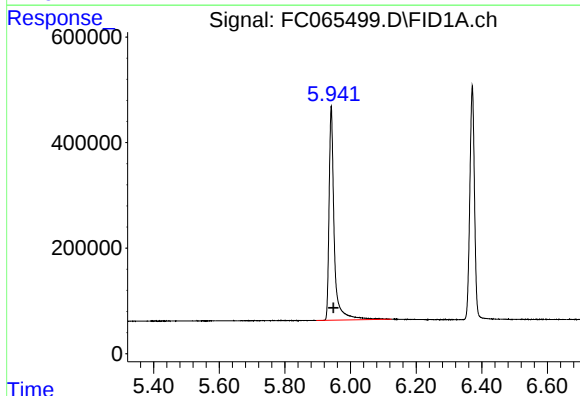
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 4262791
Conc: 21.44 ug/ml



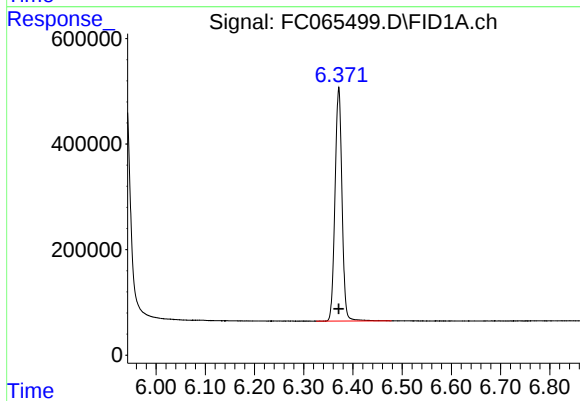
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 4309787
Conc: 21.50 ug/ml



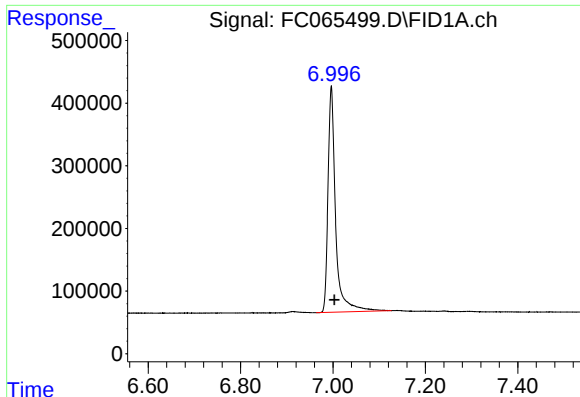
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.006 min
Response: 4419469
Conc: 21.99 ug/ml



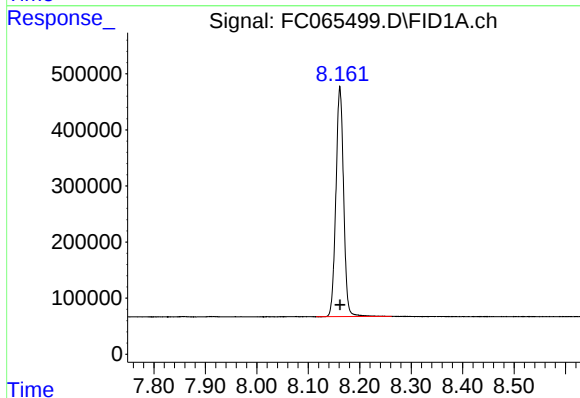
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 4372780
Conc: 21.39 ug/ml



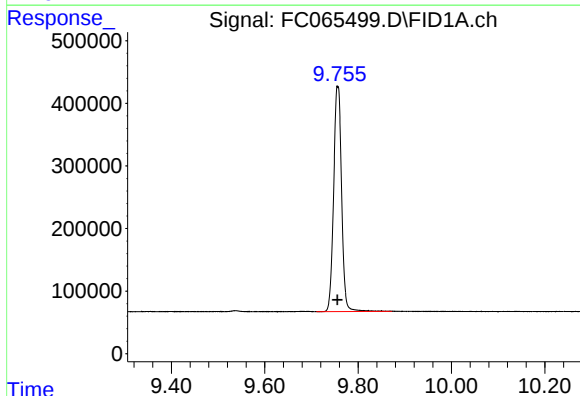
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.007 min
Response: 4136963
Conc: 21.19 ug/ml



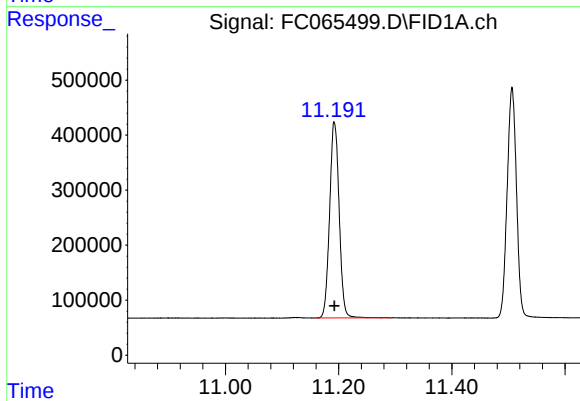
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 4271222
Conc: 21.32 ug/ml



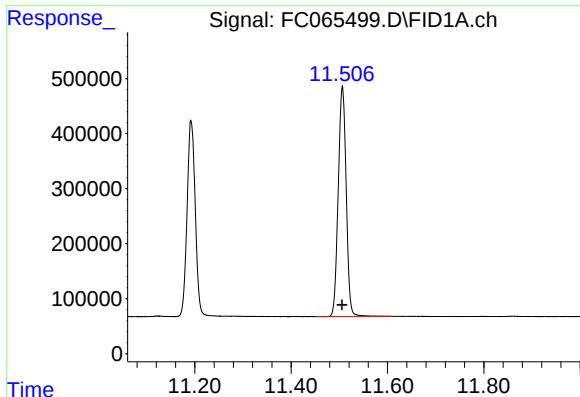
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 4259671
Conc: 21.28 ug/ml



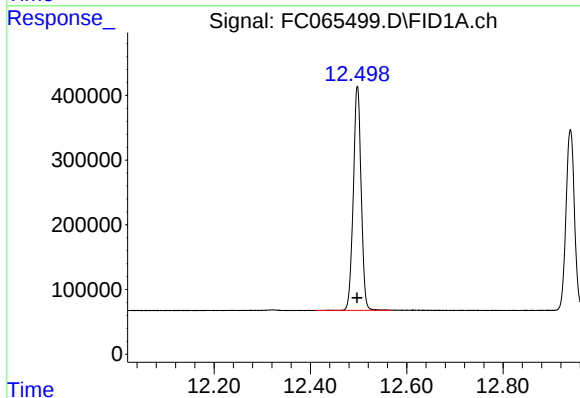
#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 4169235
Conc: 21.19 ug/ml



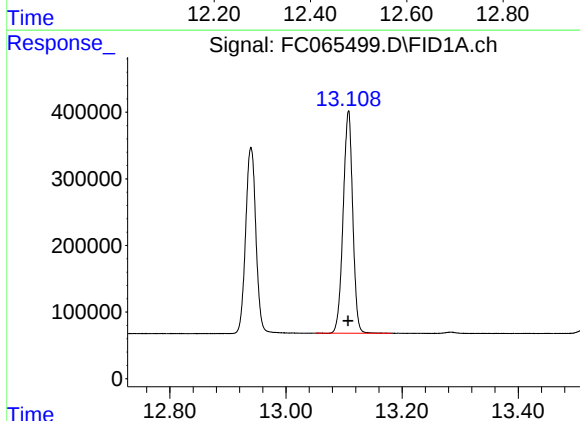
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 4815848
Conc: 21.04 ug/ml



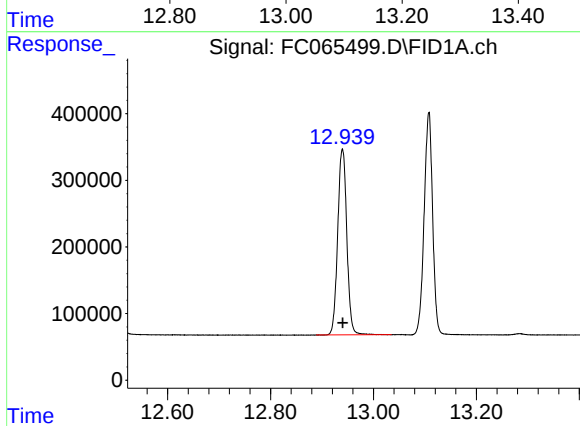
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.000 min
Response: 3930835
Conc: 20.97 ug/ml



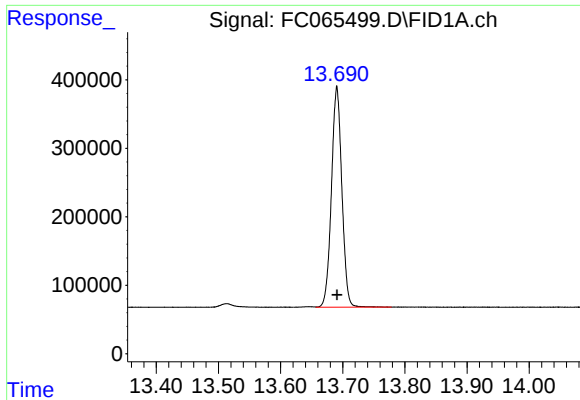
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 3820084
Conc: 20.94 ug/ml



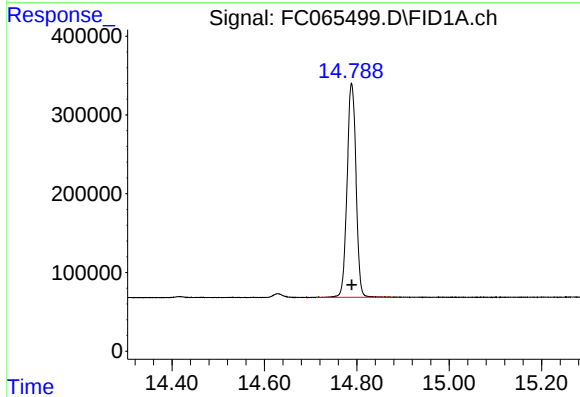
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 3433245
Conc: 21.00 ug/ml



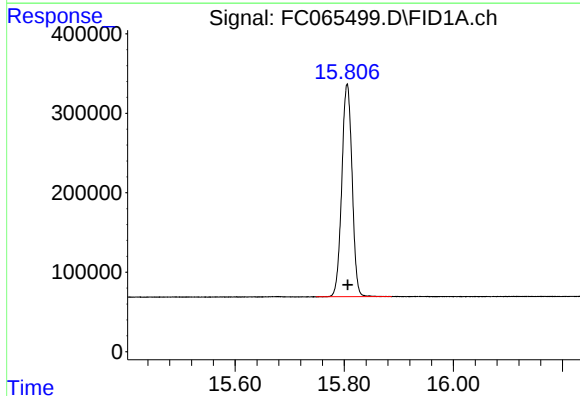
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 3748861
Conc: 20.78 ug/ml



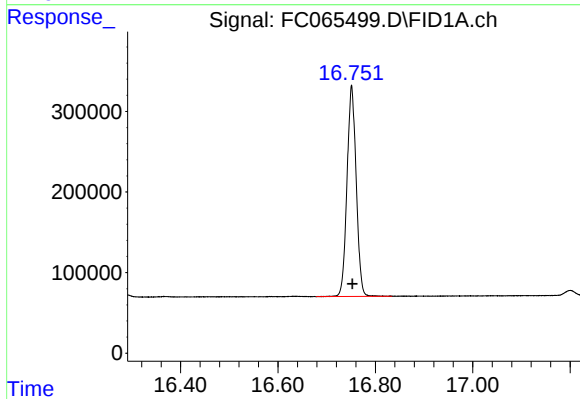
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 3650381
Conc: 20.26 ug/ml



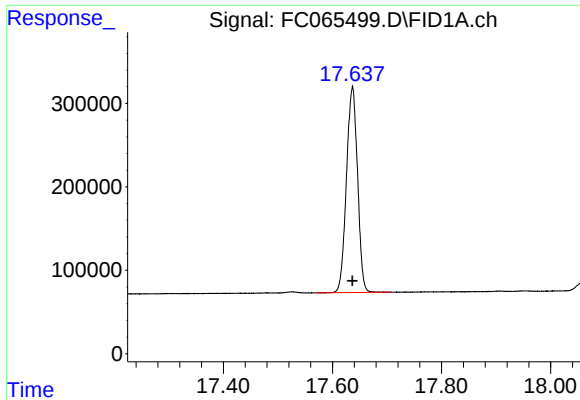
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: 0.000 min
Response: 3503305
Conc: 20.22 ug/ml



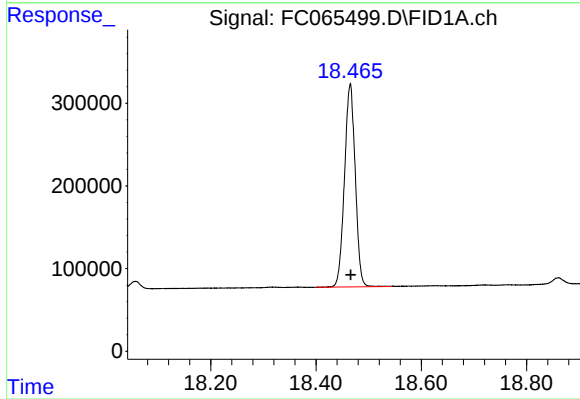
#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.002 min
Response: 3427838
Conc: 19.99 ug/ml



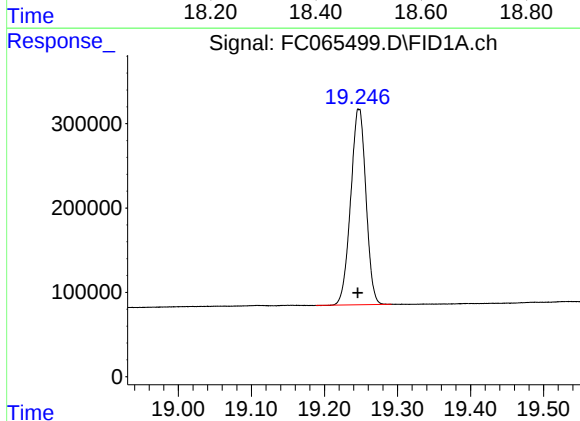
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: 0.000 min
Response: 3478763
Conc: 19.86 ug/ml



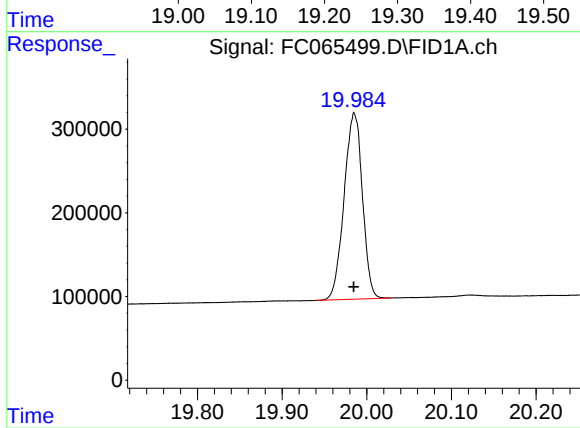
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.001 min
Response: 3478774
Conc: 19.94 ug/ml



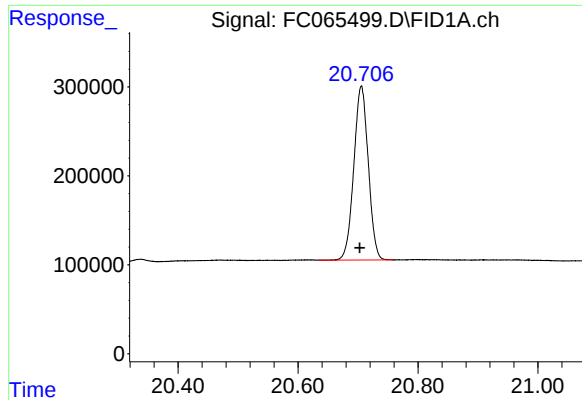
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.002 min
Response: 3372670
Conc: 20.38 ug/ml



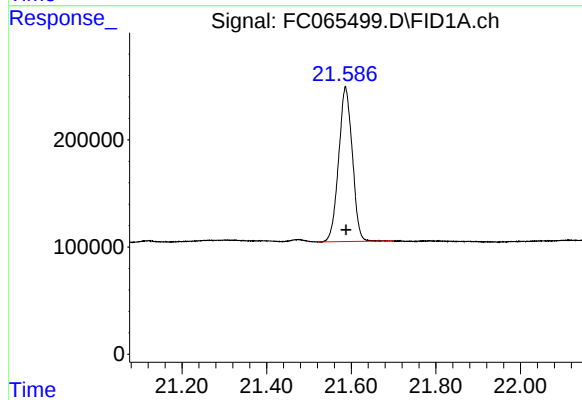
#20 n-Hexatriacontane (C36)

R.T.: 19.985 min
Delta R.T.: 0.000 min
Response: 3344076
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: 0.003 min
Response: 3267654
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: -0.001 min
Response: 3219906
Conc: 20.22 ug/ml