

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121823AL\
 Data File : FC065496.D
 Signal(s) : FID1A.ch
 Acq On : 18 Dec 2023 12:05
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 12:38:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:37:57 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	1016915	4.444 ug/ml
Spiked Amount 50.000		Recovery =	8.89%
12) S 1-chlorooctadecane (S...	12.940	710119	4.344 ug/ml
Spiked Amount 50.000		Recovery =	8.69%
Target Compounds			
1) T n-Nonane (C9)	3.301	883625	4.444 ug/ml
2) T n-Decane (C10)	4.360	874410	4.362 ug/ml
3) T A~Naphthalene (C11.7)	5.948	768019	3.821 ug/ml
4) T n-Dodecane (C12)	6.371	900645	4.406 ug/ml
5) T A~2-methylnaphthalene...	7.003	727926	3.728 ug/ml
6) T n-Tetradecane (C14)	8.162	886036	4.423 ug/ml
7) T n-Hexadecane (C16)	9.756	887303	4.433 ug/ml
8) T n-Octadecane (C18)	11.193	876565	4.454 ug/ml
10) T n-Eicosane (C20)	12.497	846961	4.518 ug/ml
11) T n-Heneicosane (C21)	13.107	817520	4.482 ug/ml
13) T n-Docosane (C22)	13.691	839673	4.654 ug/ml
14) T n-Tetracosane (C24)	14.789	921544	5.115 ug/ml
15) T n-Hexacosane (C26)	15.806	893269	5.157 ug/ml
16) T n-Octacosane (C28)	16.753	940075	5.482 ug/ml
17) T n-Tricontane (C30)	17.636	997495	5.695 ug/ml
18) T n-Dotriacontane (C32)	18.466	996708	5.714 ug/ml
19) T n-Tetratriacontane (C34)	19.246	850077	5.137 ug/ml
20) T n-Hexatriacontane (C36)	19.985	792539	4.909 ug/ml
21) T n-Octatriacontane (C38)	20.703	736441	4.645 ug/mlm
22) T n-Tetracontane (C40)	21.588	751337	4.717 ug/ml

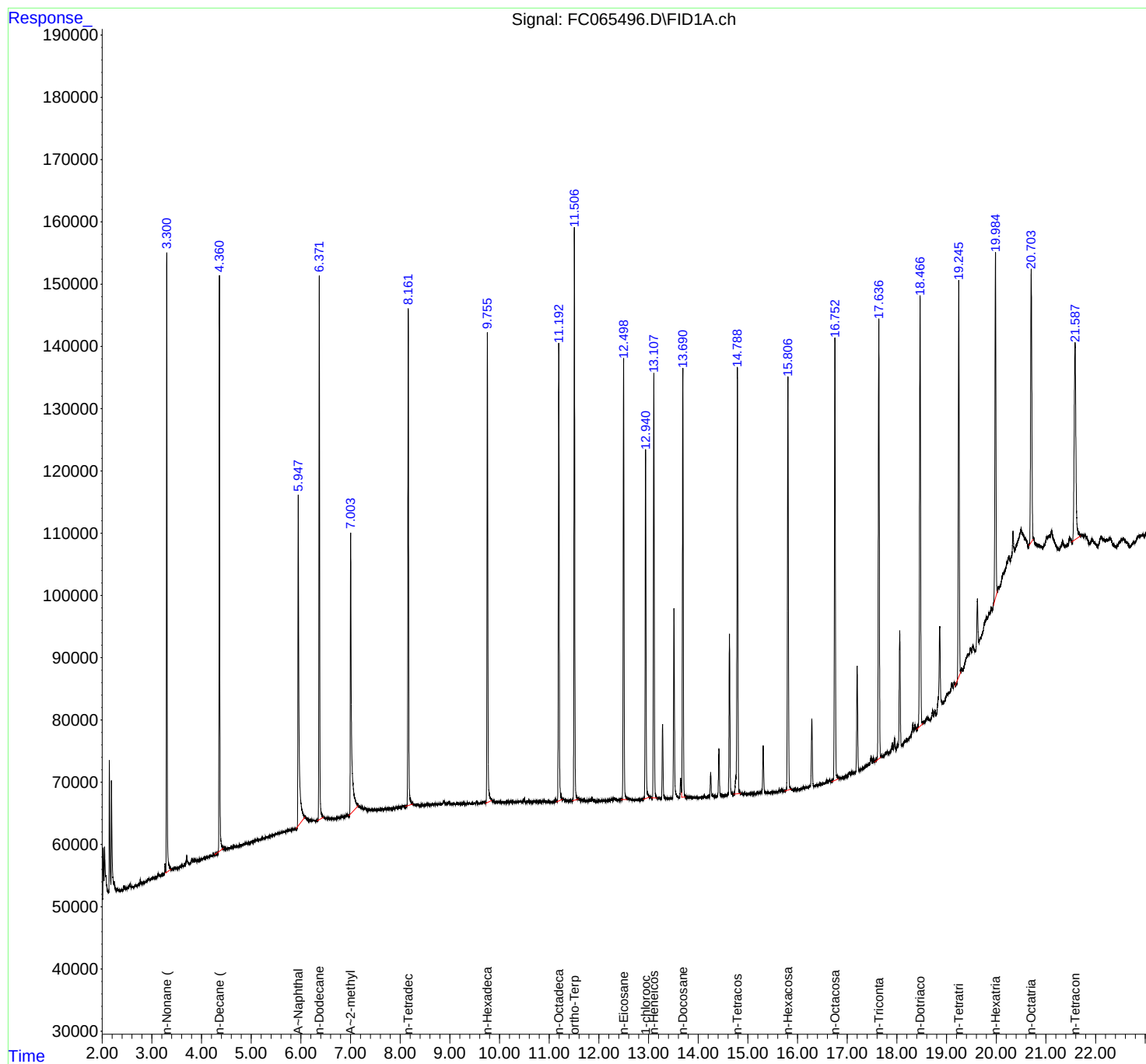
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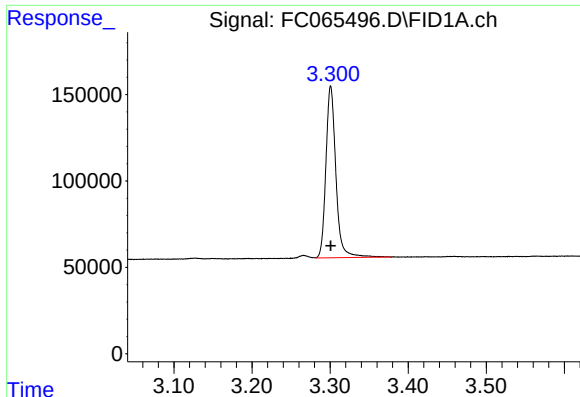
(m)=manual int.

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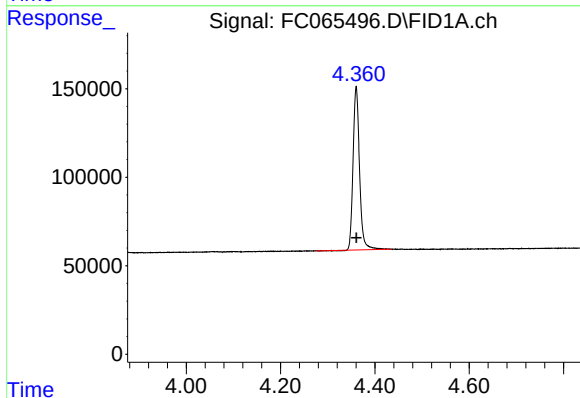
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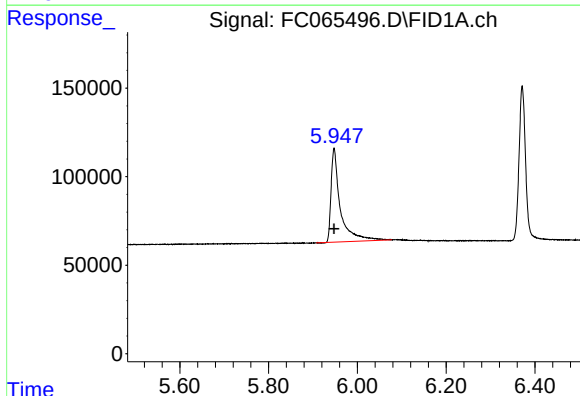
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 883625
Conc: 4.44 ug/ml



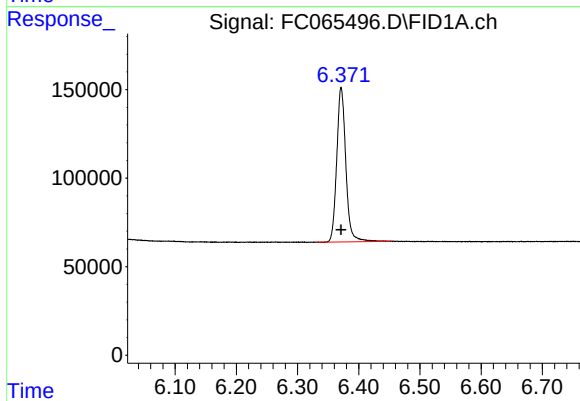
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 874410
Conc: 4.36 ug/ml



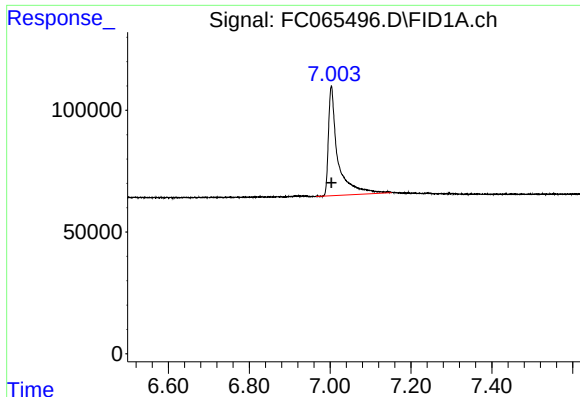
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 768019
Conc: 3.82 ug/ml



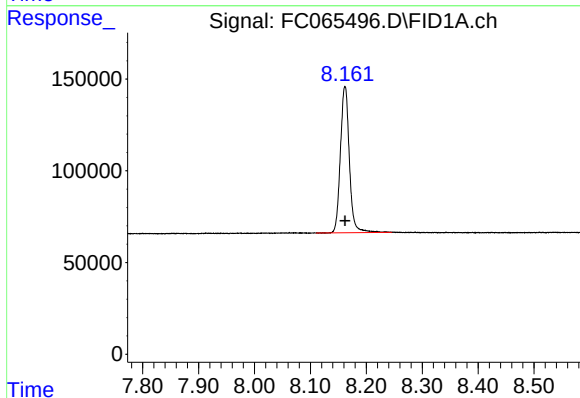
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 900645
Conc: 4.41 ug/ml



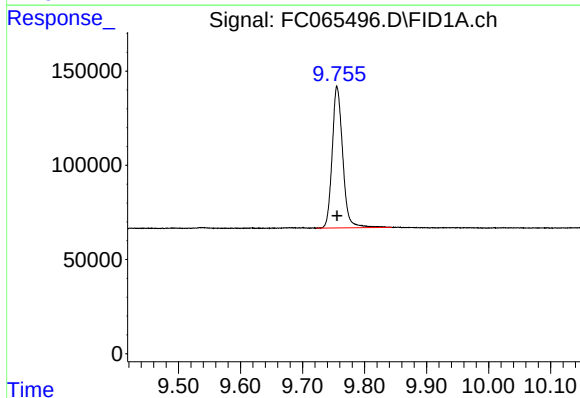
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 727926
Conc: 3.73 ug/ml



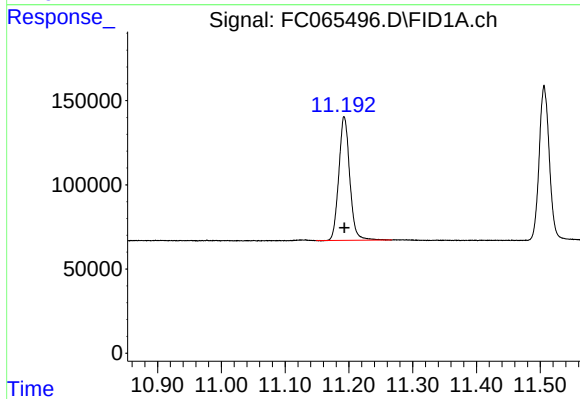
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 886036
Conc: 4.42 ug/ml



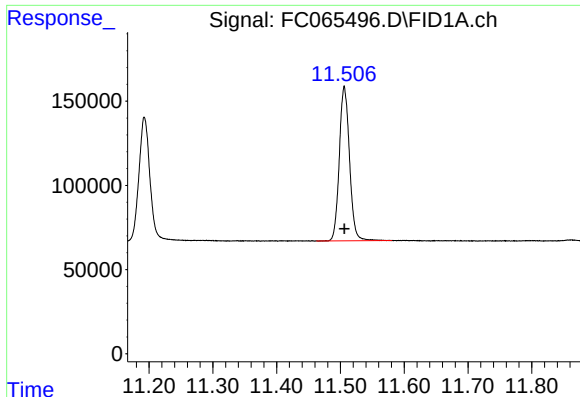
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 887303
Conc: 4.43 ug/ml



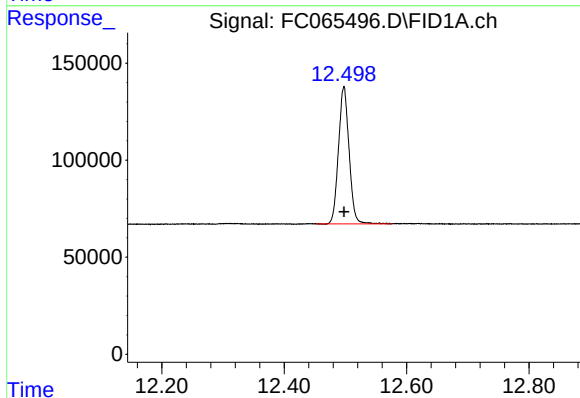
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 876565
Conc: 4.45 ug/ml



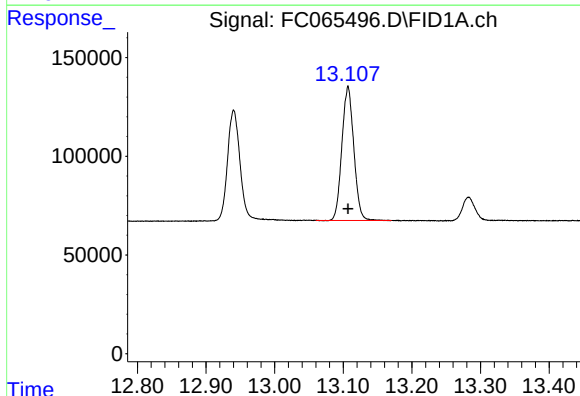
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 1016915
Conc: 4.44 ug/ml



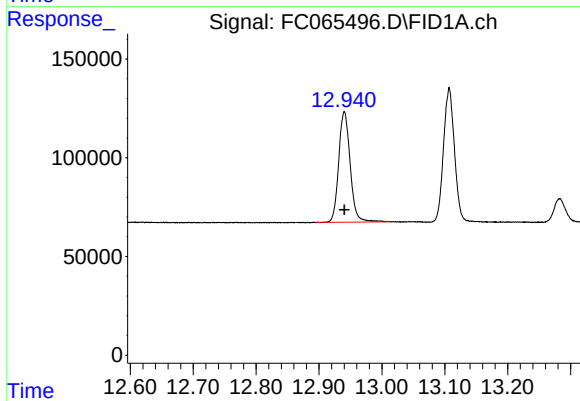
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.000 min
Response: 846961
Conc: 4.52 ug/ml



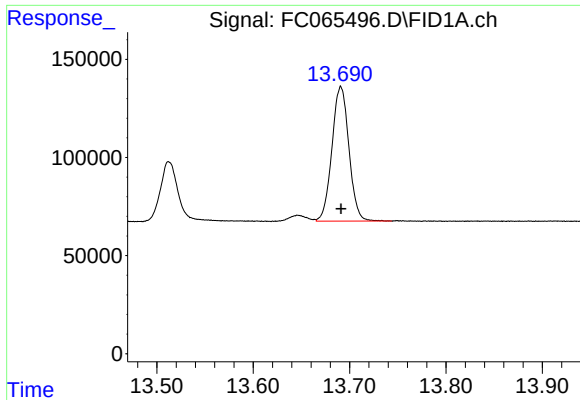
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.000 min
Response: 817520
Conc: 4.48 ug/ml



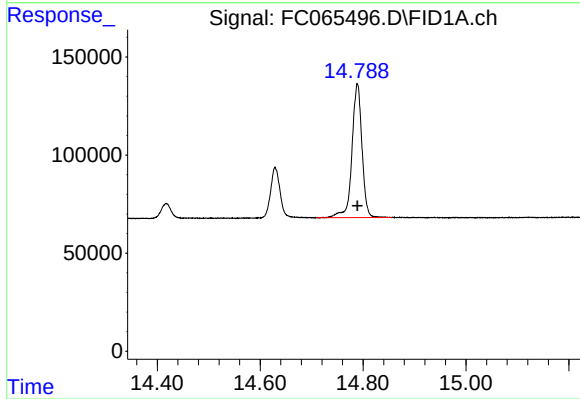
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 710119
Conc: 4.34 ug/ml



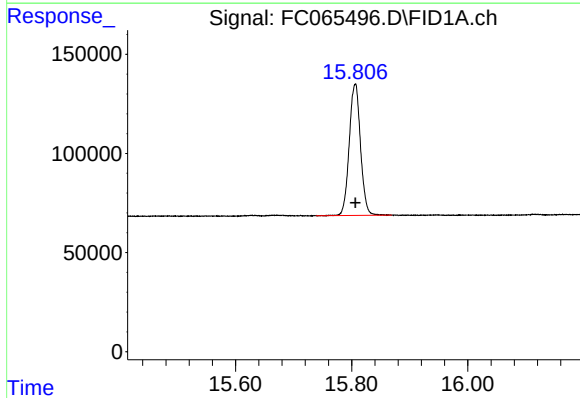
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 839673
Conc: 4.65 ug/ml



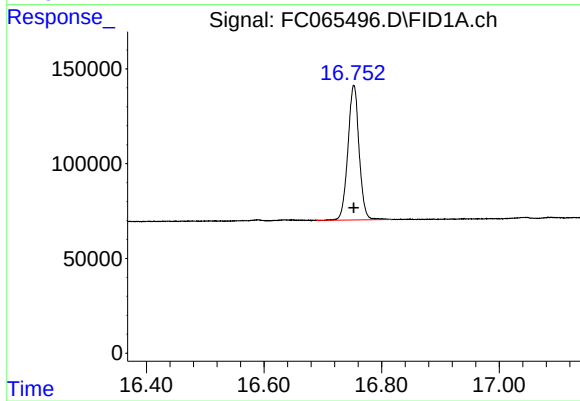
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 921544
Conc: 5.12 ug/ml



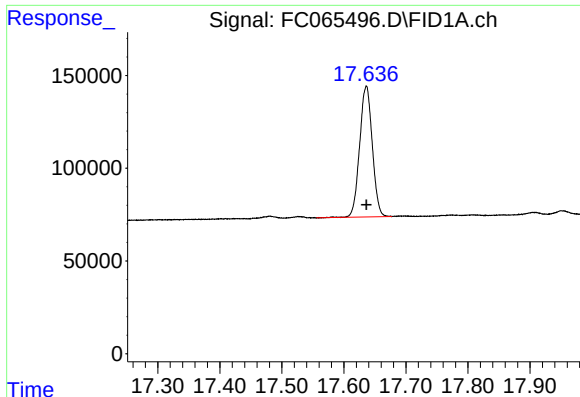
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: 0.000 min
Response: 893269
Conc: 5.16 ug/ml



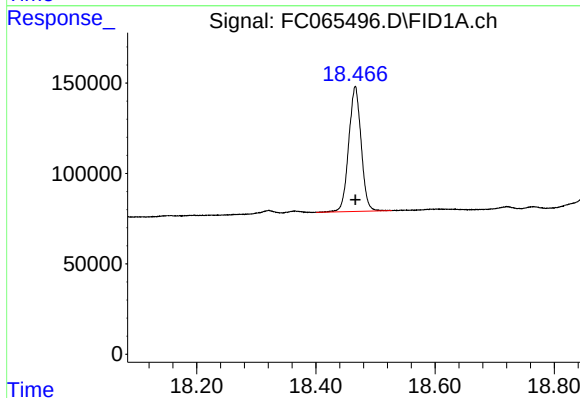
#16 n-Octacosane (C28)

R.T.: 16.753 min
Delta R.T.: 0.000 min
Response: 940075
Conc: 5.48 ug/ml



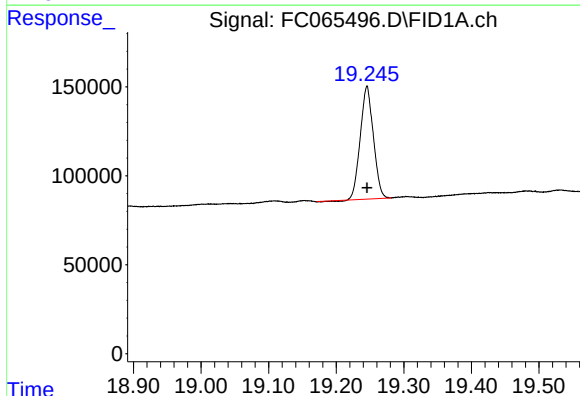
#17 n-Tricontane (C30)

R.T.: 17.636 min
Delta R.T.: 0.000 min
Response: 997495
Conc: 5.70 ug/ml



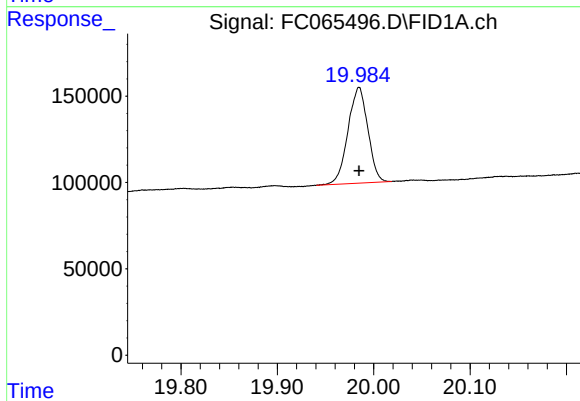
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: 0.000 min
Response: 996708
Conc: 5.71 ug/ml



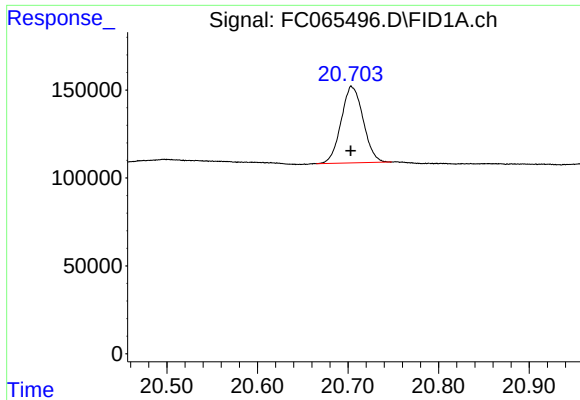
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 850077
Conc: 5.14 ug/ml



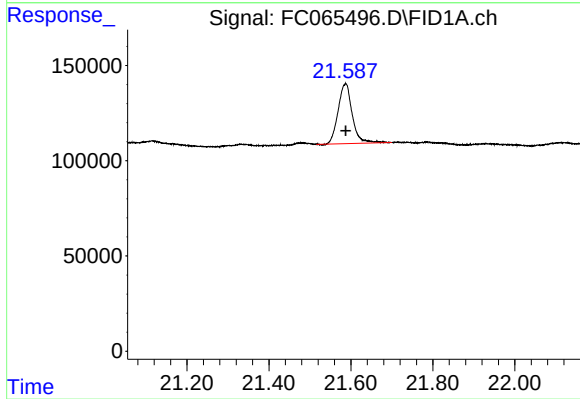
#20 n-Hexatriacontane (C36)

R.T.: 19.985 min
Delta R.T.: 0.000 min
Response: 792539
Conc: 4.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: 0.000 min
Response: 736441
Conc: 4.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.000 min
Response: 751337
Conc: 4.72 ug/ml