

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022324AL\
 Data File : FC065850.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2024 12:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 01:48:05 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)	11.501	3232496	18.845 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	12.931	2418937	19.221 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.287	2770448	18.441 ug/ml
2) T n-Decane (C10)	4.351	2878588	18.933 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3065090	19.876 ug/ml
4) T n-Dodecane (C12)	6.365	2900145	18.949 ug/ml
5) T A~2-methylnaphthalene...	6.996	2845533	19.983 ug/ml
6) T n-Tetradecane (C14)	8.155	2813319	18.949 ug/ml
7) T n-Hexadecane (C16)	9.750	2877695	19.189 ug/ml
8) T n-Octadecane (C18)	11.186	2930502	18.998 ug/ml
10) T n-Eicosane (C20)	12.489	2856562	18.996 ug/ml
11) T n-Heneicosane (C21)	13.097	2837759	18.974 ug/ml
13) T n-Docosane (C22)	13.681	2855661	19.252 ug/ml
14) T n-Tetracosane (C24)	14.777	2912845	19.591 ug/ml
15) T n-Hexacosane (C26)	15.793	2922457	19.721 ug/ml
16) T n-Octacosane (C28)	16.739	3036114	20.692 ug/ml
17) T n-Tricontane (C30)	17.623	3323442	22.139 ug/ml
18) T n-Dotriacontane (C32)	18.451	3382235	22.871 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3216378	22.191 ug/ml
20) T n-Hexatriacontane (C36)	19.968	2994224	21.094 ug/ml
21) T n-Octatriacontane (C38)	20.686	2859726	20.203 ug/ml
22) T n-Tetracontane (C40)	21.558	2721803	19.513 ug/ml

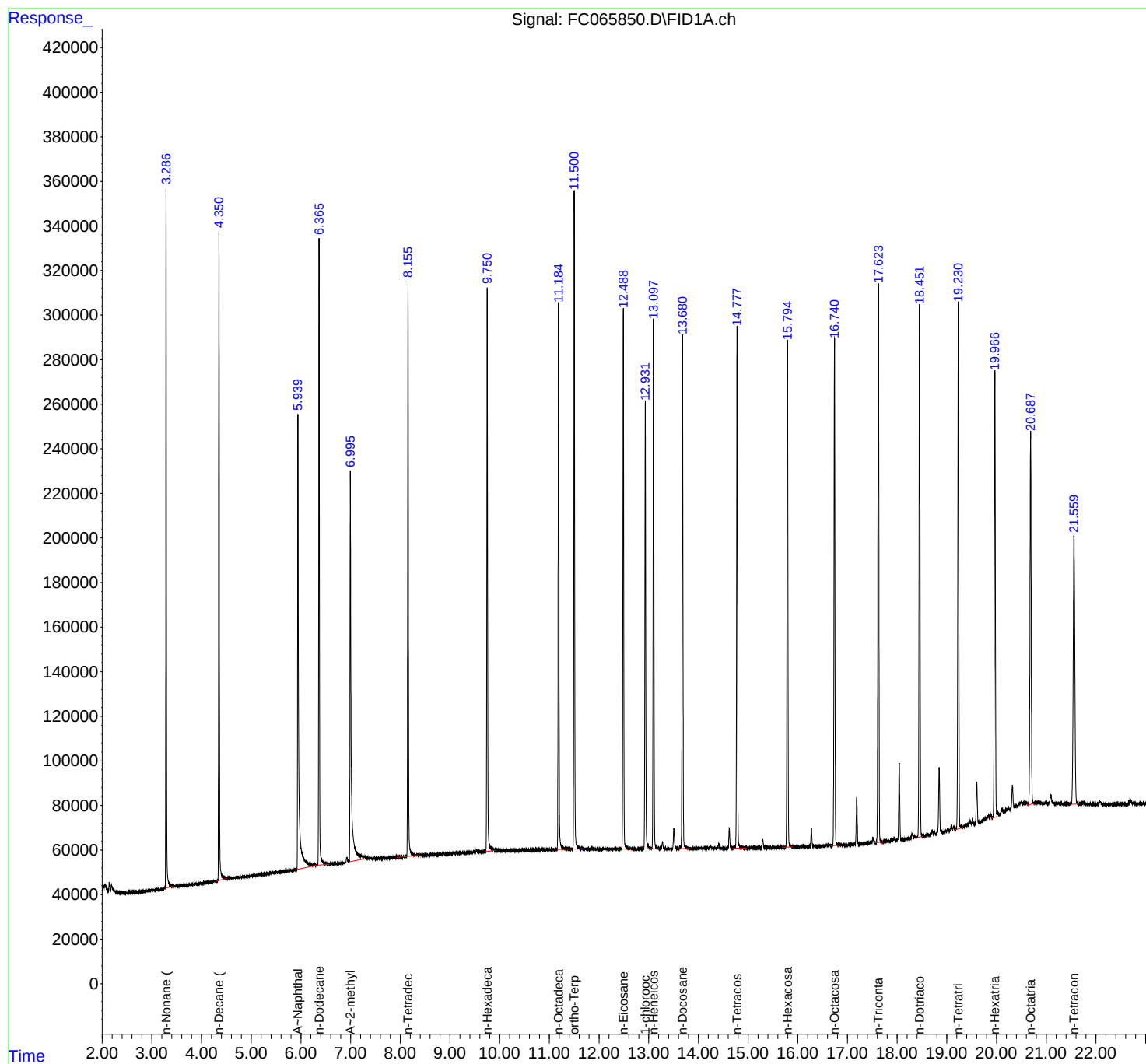
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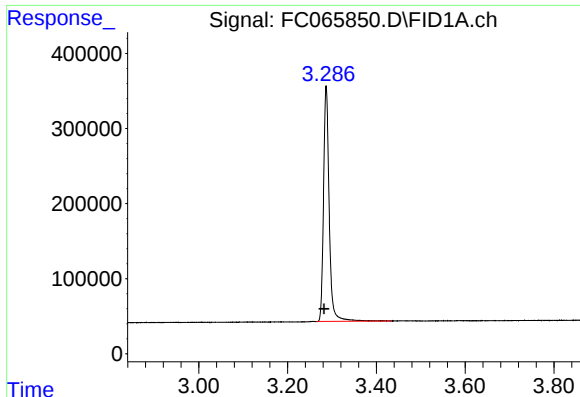
(m)=manual int.

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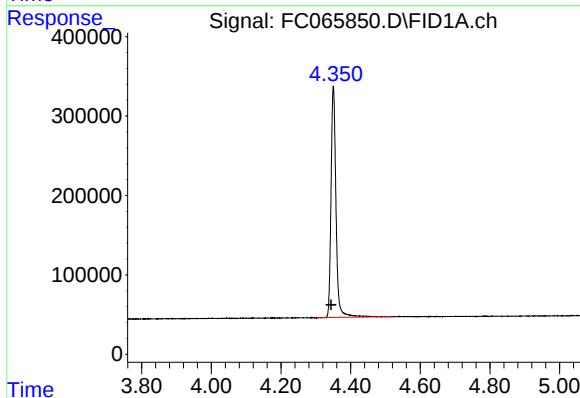
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Signal Info : 20M x 0.18mm x 0.18um





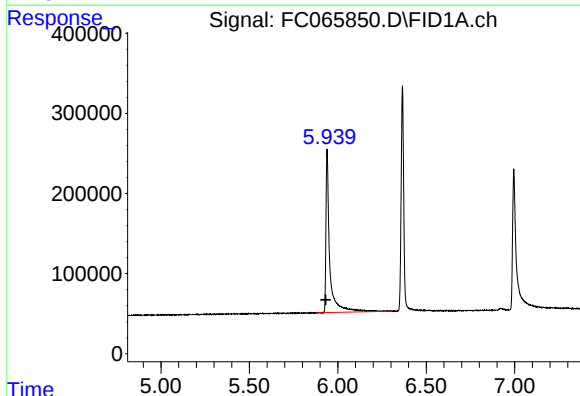
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 2770448
Conc: 18.44 ug/ml



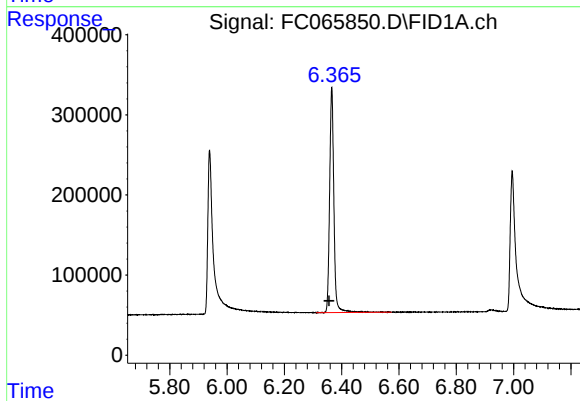
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.006 min
Response: 2878588
Conc: 18.93 ug/ml



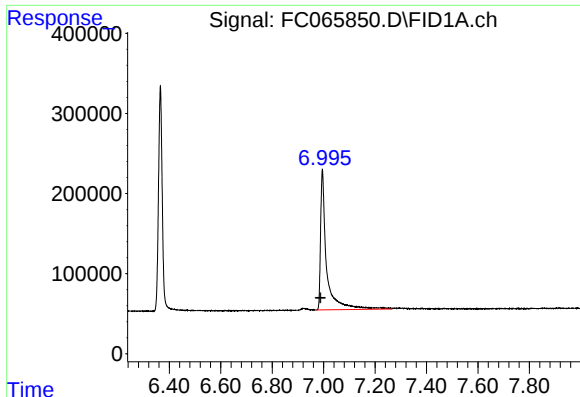
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.008 min
Response: 3065090
Conc: 19.88 ug/ml



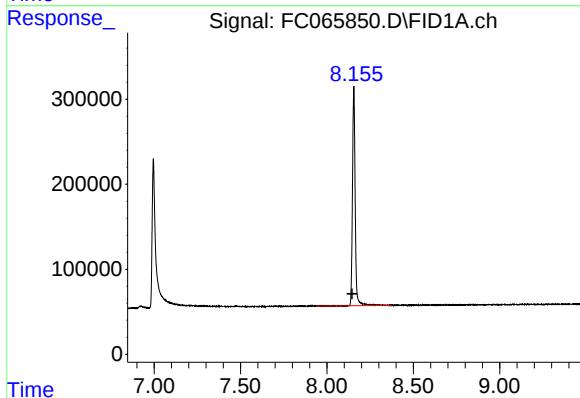
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.009 min
Response: 2900145
Conc: 18.95 ug/ml



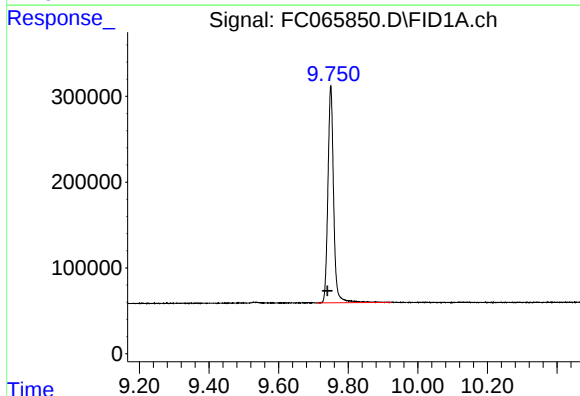
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: 0.008 min
Response: 2845533
Conc: 19.98 ug/ml



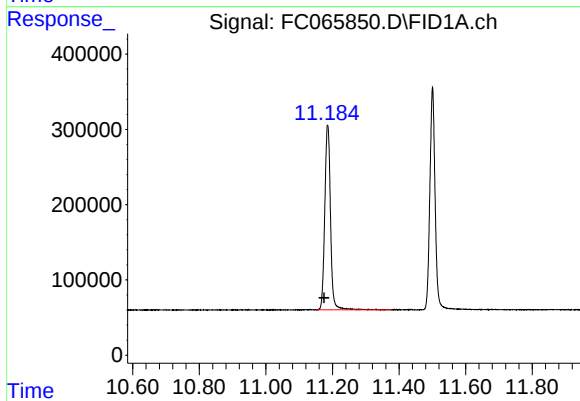
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 2813319
Conc: 18.95 ug/ml



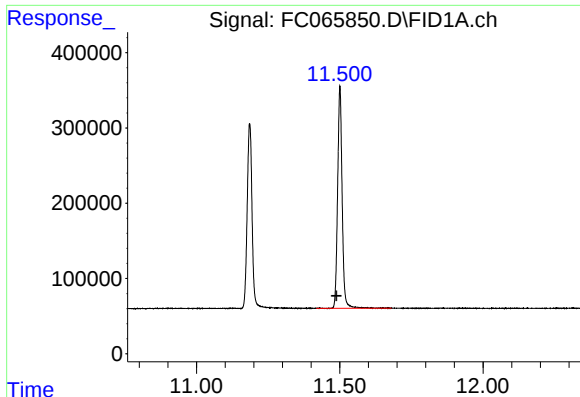
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.009 min
Response: 2877695
Conc: 19.19 ug/ml



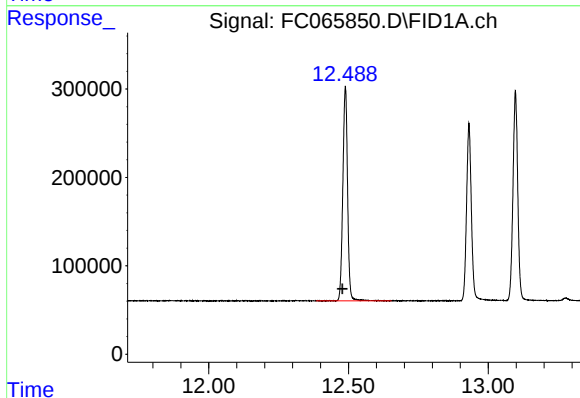
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.011 min
Response: 2930502
Conc: 19.00 ug/ml



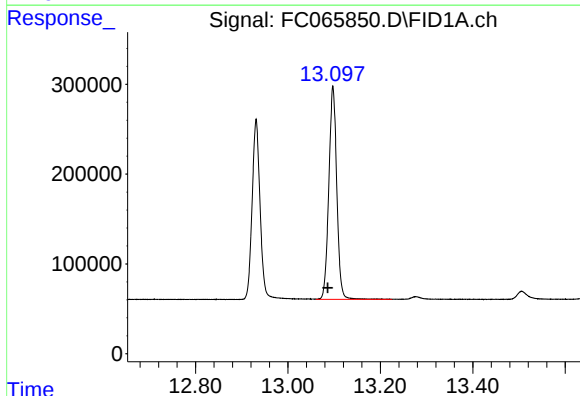
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: 0.012 min
Response: 3232496
Conc: 18.84 ug/ml



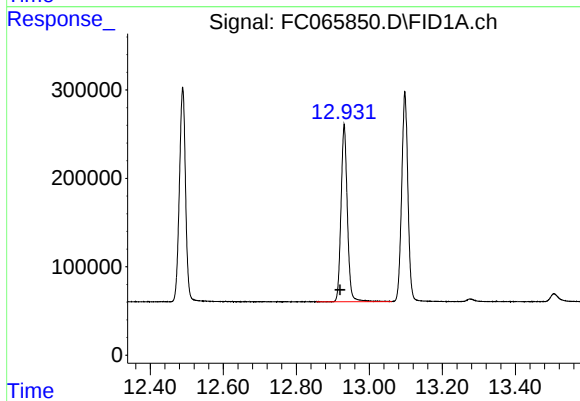
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 2856562
Conc: 19.00 ug/ml



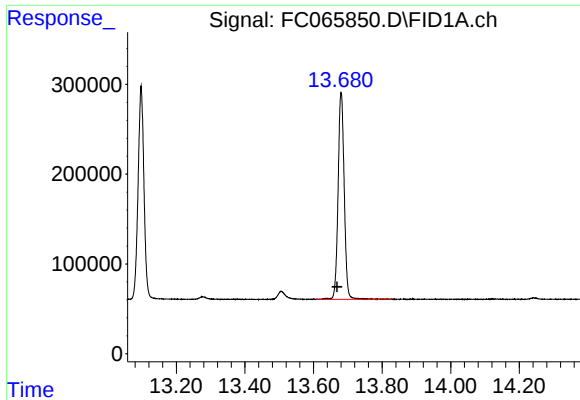
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 2837759
Conc: 18.97 ug/ml



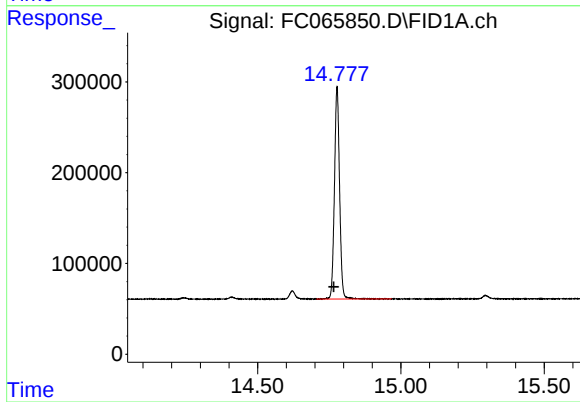
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: 0.011 min
Response: 2418937
Conc: 19.22 ug/ml



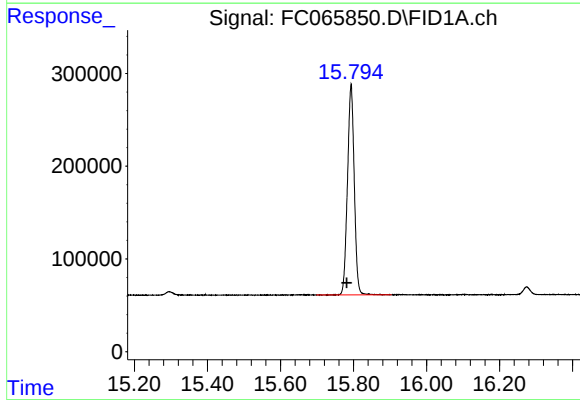
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 2855661
Conc: 19.25 ug/ml



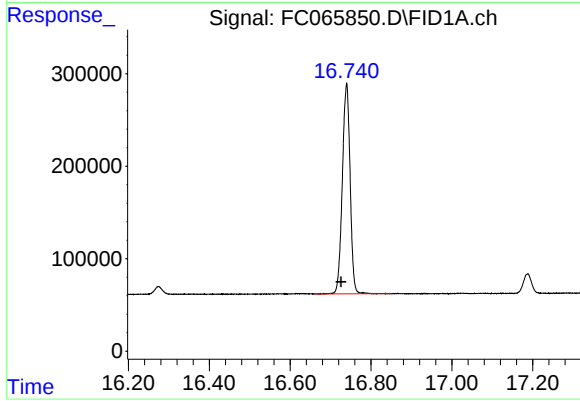
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.011 min
Response: 2912845
Conc: 19.59 ug/ml



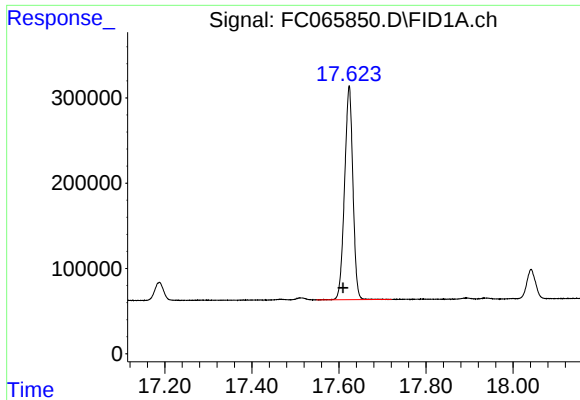
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.012 min
Response: 2922457
Conc: 19.72 ug/ml



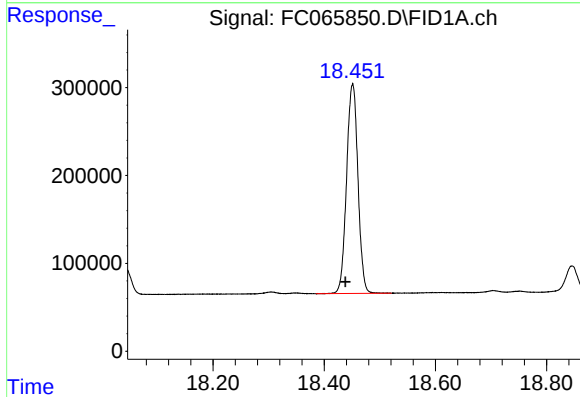
#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: 0.014 min
Response: 3036114
Conc: 20.69 ug/ml



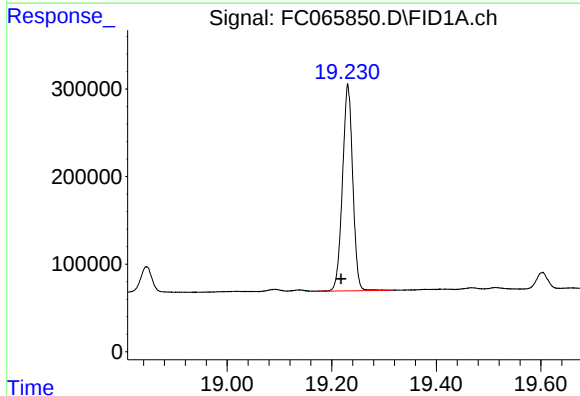
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.014 min
Response: 3323442
Conc: 22.14 ug/ml



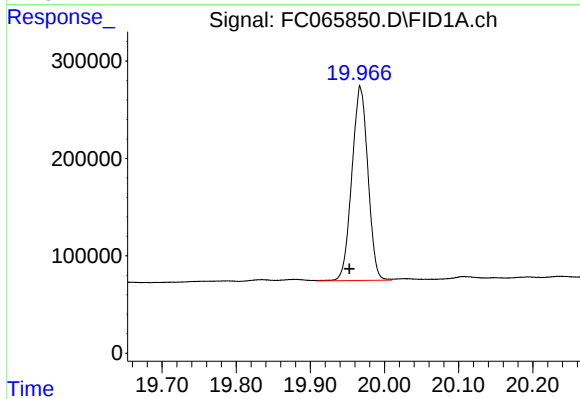
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 3382235
Conc: 22.87 ug/ml



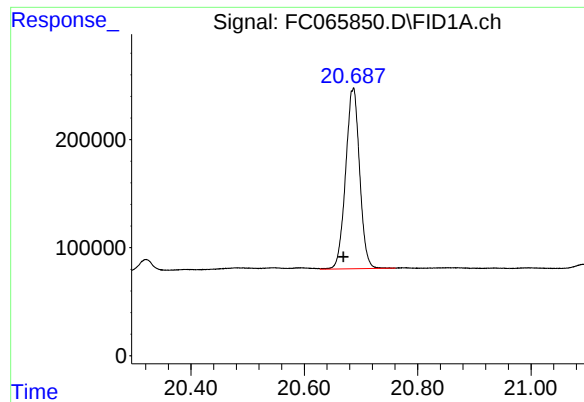
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 3216378
Conc: 22.19 ug/ml



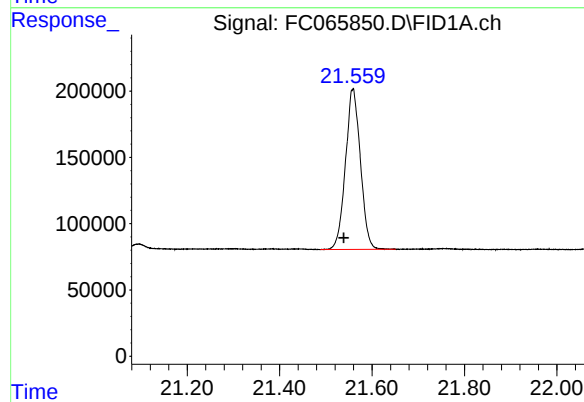
#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: 0.015 min
Response: 2994224
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: 0.017 min
Response: 2859726
Conc: 20.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: 0.019 min
Response: 2721803
Conc: 19.51 ug/ml