

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030124AL\
 Data File : FC065955.D
 Signal(s) : FID1A.ch
 Acq On : 01 Mar 2024 18:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 23:12:36 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)	11.492	3299711	19.237 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.922	2433638	19.338 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	3.283	2948152	19.624 ug/ml
2) T n-Decane (C10)	4.346	3011272	19.805 ug/ml
3) T A~Naphthalene (C11.7)	5.934	3155512	20.462 ug/ml
4) T n-Dodecane (C12)	6.360	2998562	19.592 ug/ml
5) T A~2-methylnaphthalene...	6.989	2923458	20.530 ug/ml
6) T n-Tetradecane (C14)	8.149	2859246	19.259 ug/ml
7) T n-Hexadecane (C16)	9.743	2933598	19.562 ug/ml
8) T n-Octadecane (C18)	11.177	2964516	19.219 ug/ml
10) T n-Eicosane (C20)	12.480	2865281	19.054 ug/ml
11) T n-Heneicosane (C21)	13.089	2859508	19.120 ug/ml
13) T n-Docosane (C22)	13.672	2862781	19.300 ug/ml
14) T n-Tetracosane (C24)	14.769	2902733	19.523 ug/ml
15) T n-Hexacosane (C26)	15.784	2908390	19.626 ug/ml
16) T n-Octacosane (C28)	16.727	2908767	19.824 ug/ml
17) T n-Tricontane (C30)	17.611	2996995	19.965 ug/ml
18) T n-Dotriacontane (C32)	18.437	3005458	20.323 ug/ml
19) T n-Tetratriacontane (C34)	19.217	2949620	20.350 ug/ml
20) T n-Hexatriacontane (C36)	19.953	3080295	21.701 ug/ml
21) T n-Octatriacontane (C38)	20.667	3136713	22.160 ug/ml
22) T n-Tetracontane (C40)	21.537	2712844	19.449 ug/ml

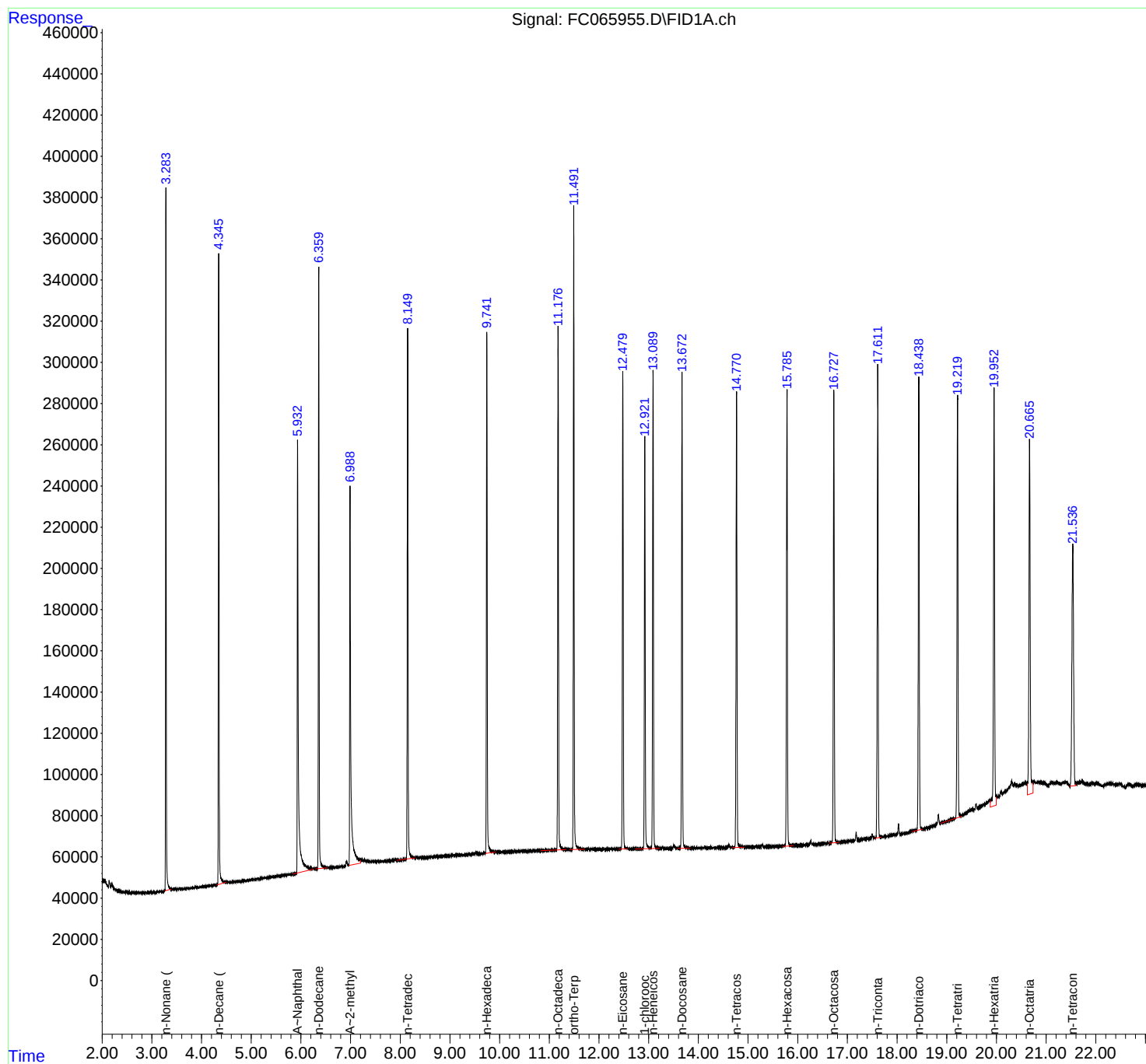
(f)=RT Delta > 1/2 Window

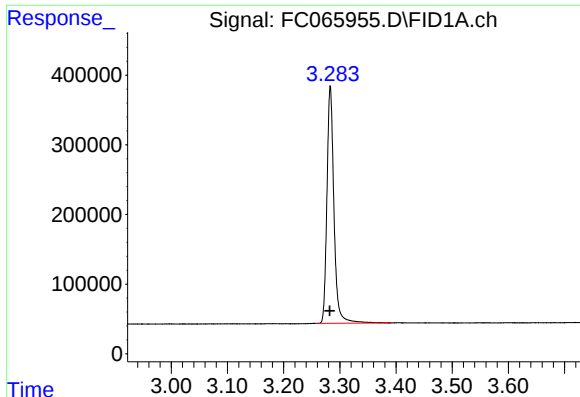
(m)=manual int.

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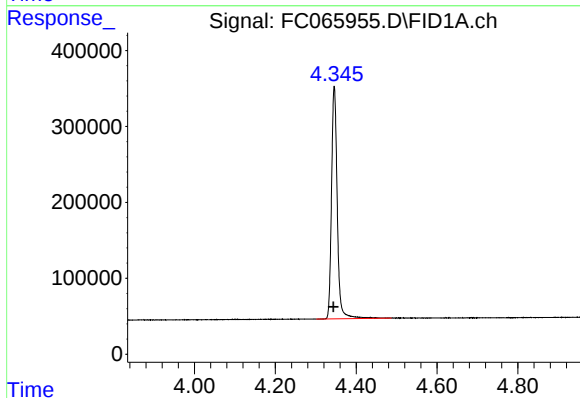
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Signal Info : 20M x 0.18mm x 0.18um





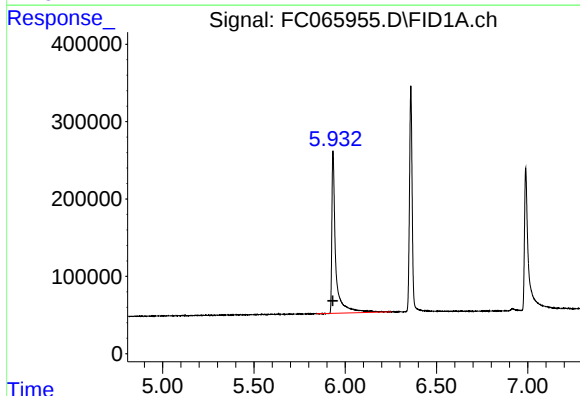
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.001 min
Response: 2948152
Conc: 19.62 ug/ml



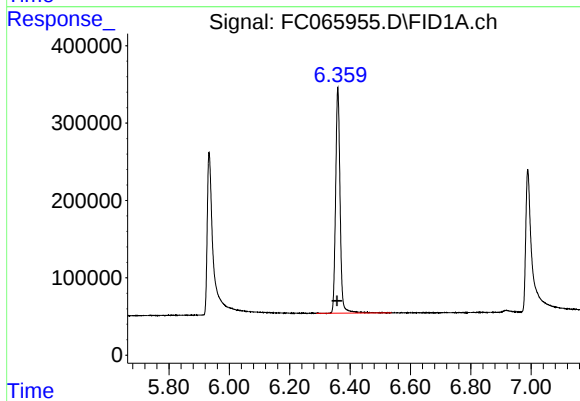
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.002 min
Response: 3011272
Conc: 19.81 ug/ml



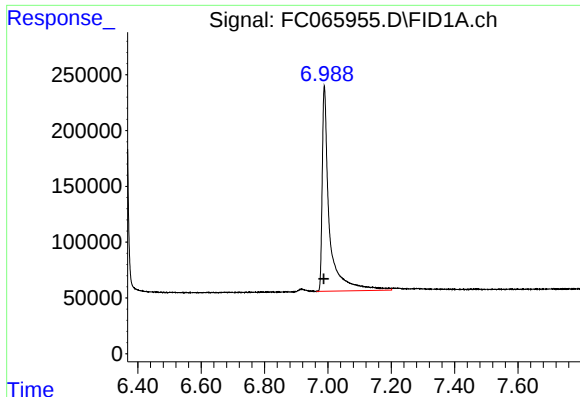
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 3155512
Conc: 20.46 ug/ml



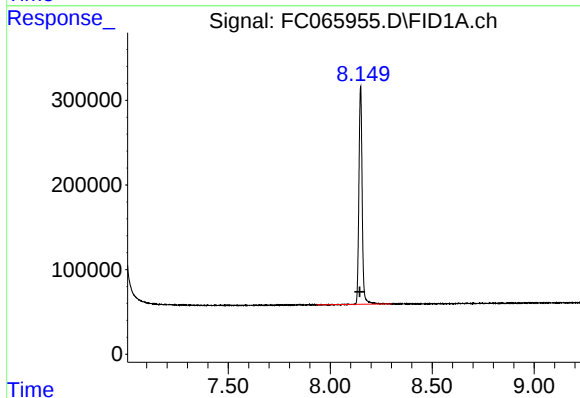
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 2998562
Conc: 19.59 ug/ml



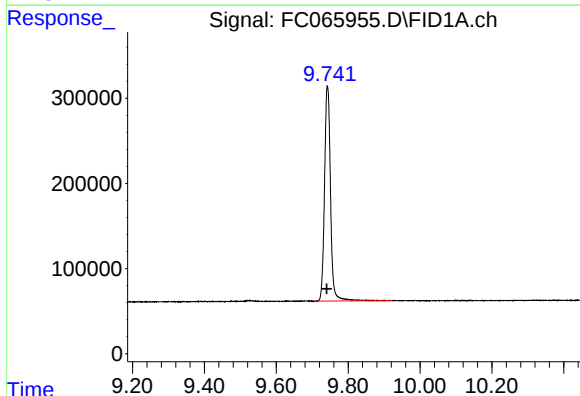
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: 0.002 min
Response: 2923458
Conc: 20.53 ug/ml



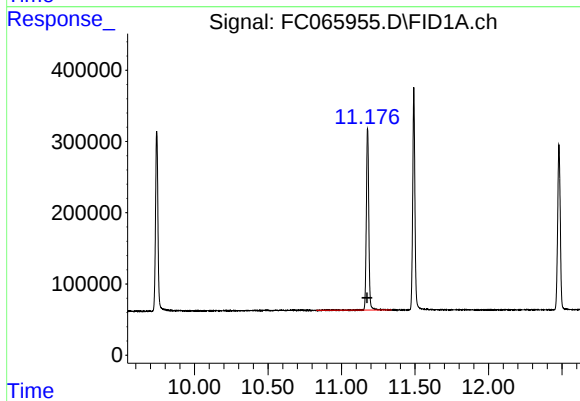
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.003 min
Response: 2859246
Conc: 19.26 ug/ml



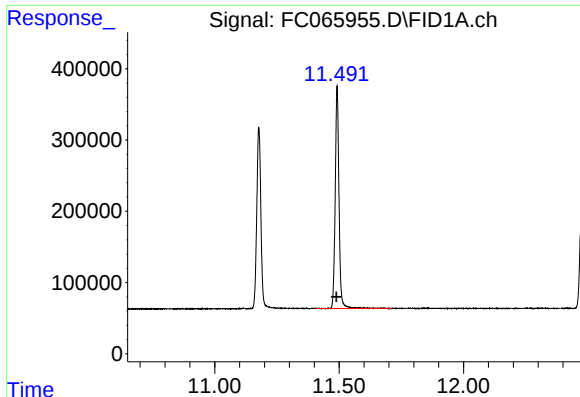
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.002 min
Response: 2933598
Conc: 19.56 ug/ml



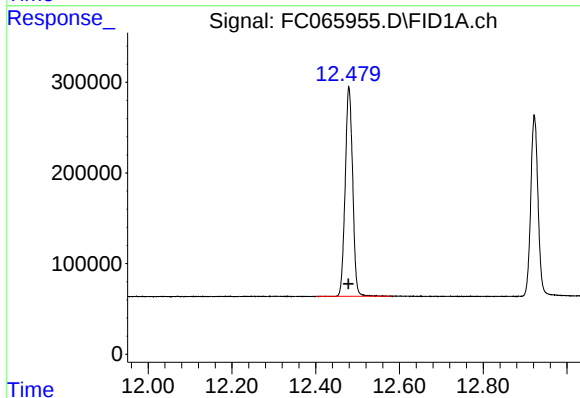
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.003 min
Response: 2964516
Conc: 19.22 ug/ml



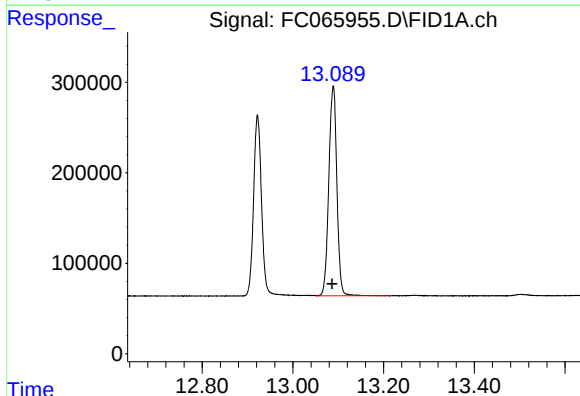
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.003 min
Response: 3299711
Conc: 19.24 ug/ml



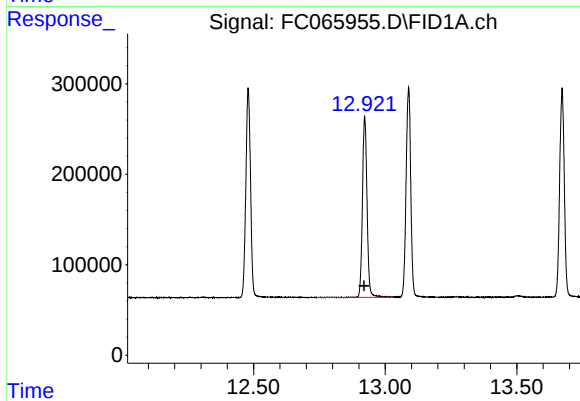
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.001 min
Response: 2865281
Conc: 19.05 ug/ml



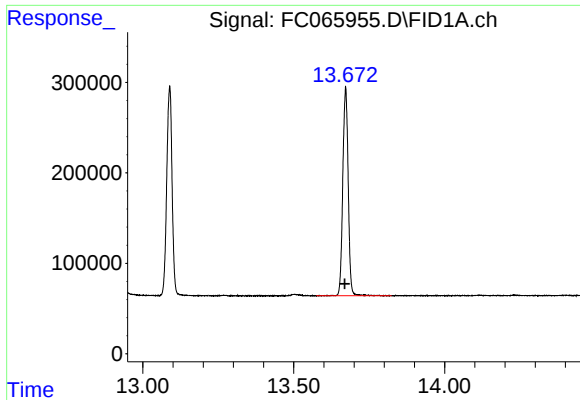
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: 0.002 min
Response: 2859508
Conc: 19.12 ug/ml



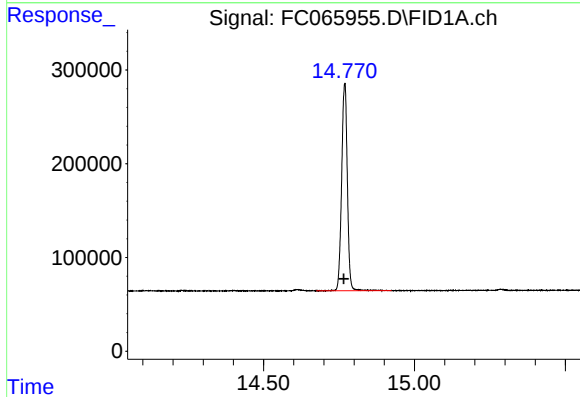
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: 0.002 min
Response: 2433638
Conc: 19.34 ug/ml



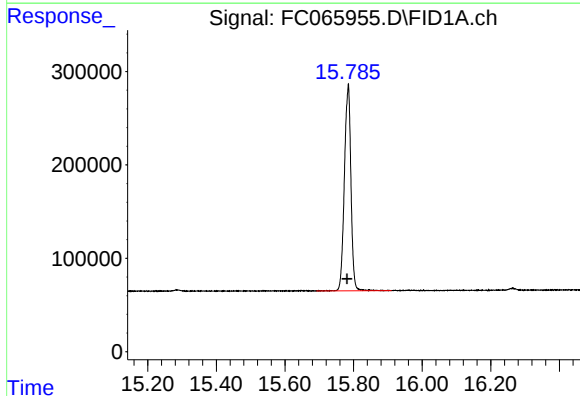
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.003 min
Response: 2862781
Conc: 19.30 ug/ml



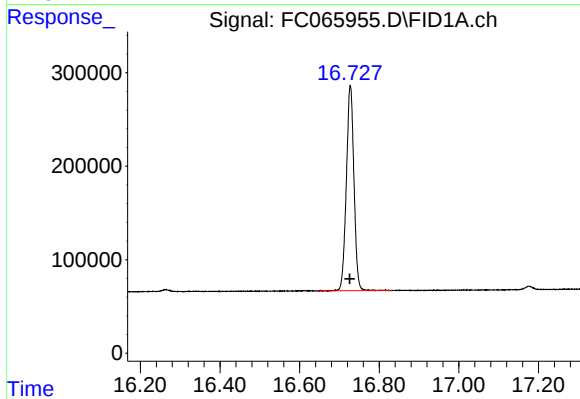
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.003 min
Response: 2902733
Conc: 19.52 ug/ml



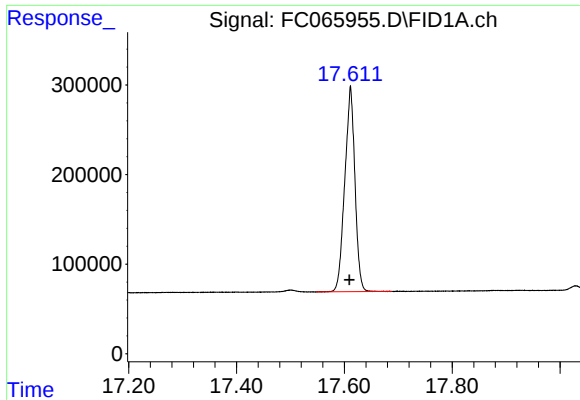
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.003 min
Response: 2908390
Conc: 19.63 ug/ml



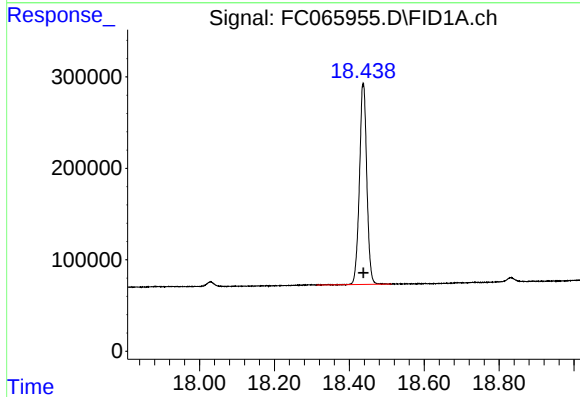
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: 0.002 min
Response: 2908767
Conc: 19.82 ug/ml



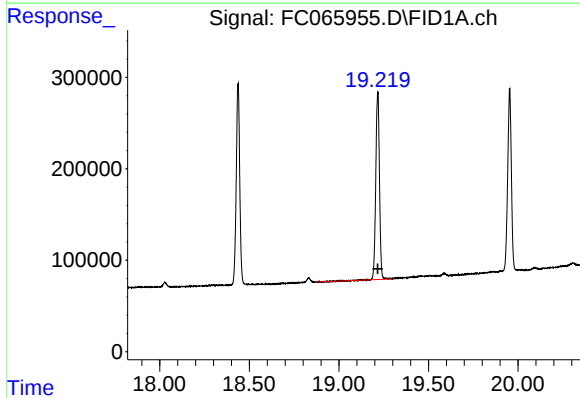
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: 0.002 min
Response: 2996995
Conc: 19.96 ug/ml



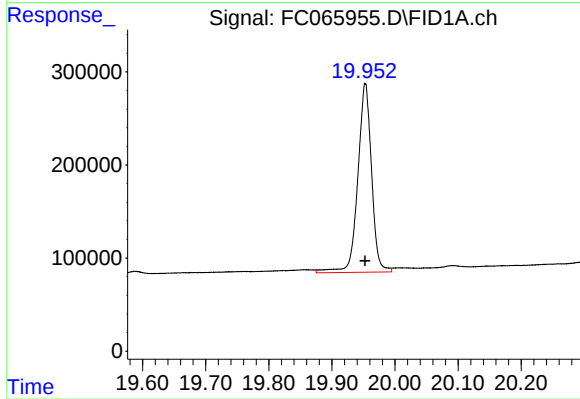
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: 0.000 min
Response: 3005458
Conc: 20.32 ug/ml



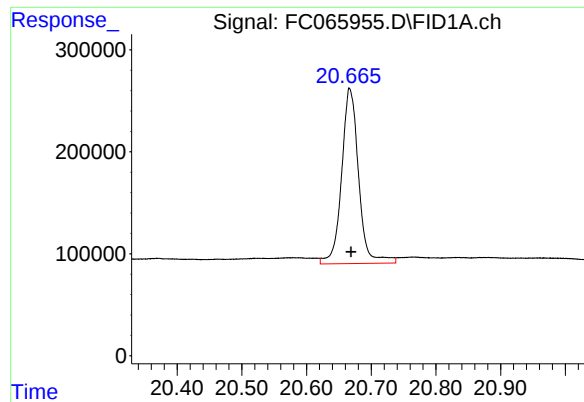
#19 n-Tetratriacontane (C34)

R.T.: 19.217 min
Delta R.T.: 0.000 min
Response: 2949620
Conc: 20.35 ug/ml



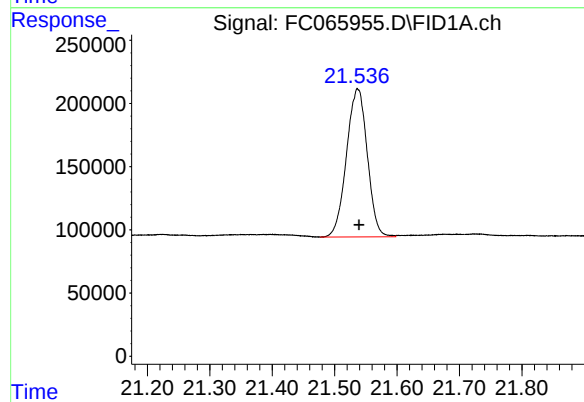
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: 0.000 min
Response: 3080295
Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.667 min
Delta R.T.: -0.002 min
Response: 3136713
Conc: 22.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.537 min
Delta R.T.: -0.002 min
Response: 2712844
Conc: 19.45 ug/ml