

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065555.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 14:34
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 15:07:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:07:01 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	913168	5.021 ug/ml
Spiked Amount 50.000		Recovery =	10.04%
12) S 1-chlorooctadecane (S...	12.924	672015	4.985 ug/ml
Spiked Amount 50.000		Recovery =	9.97%
Target Compounds			
1) T n-Nonane (C9)	3.287	761008	4.872 ug/ml
2) T n-Decane (C10)	4.349	762340	4.819 ug/ml
3) T A~Naphthalene (C11.7)	5.945	760676	4.672 ug/mlm
4) T n-Dodecane (C12)	6.361	777546	4.846 ug/ml
5) T A~2-methylnaphthalene...	7.002	644281	4.251 ug/mlm
6) T n-Tetradecane (C14)	8.150	758788	4.838 ug/ml
7) T n-Hexadecane (C16)	9.743	770975	4.821 ug/ml
8) T n-Octadecane (C18)	11.177	817879	4.994 ug/ml
10) T n-Eicosane (C20)	12.480	806946	5.066 ug/ml
11) T n-Heneicosane (C21)	13.087	795366	5.069 ug/ml
13) T n-Docosane (C22)	13.671	791193	5.067 ug/ml
14) T n-Tetracosane (C24)	14.769	783803	5.043 ug/ml
15) T n-Hexacosane (C26)	15.785	776820	5.060 ug/ml
16) T n-Octacosane (C28)	16.729	763589	5.066 ug/ml
17) T n-Tricontane (C30)	17.613	785936	5.146 ug/ml
18) T n-Dotriacontane (C32)	18.442	777178	5.161 ug/ml
19) T n-Tetratriacontane (C34)	19.220	732351	5.101 ug/ml
20) T n-Hexatriacontane (C36)	19.957	694583	5.042 ug/ml
21) T n-Octatriacontane (C38)	20.675	706241	5.105 ug/ml
22) T n-Tetracontane (C40)	21.543	712526	5.149 ug/ml

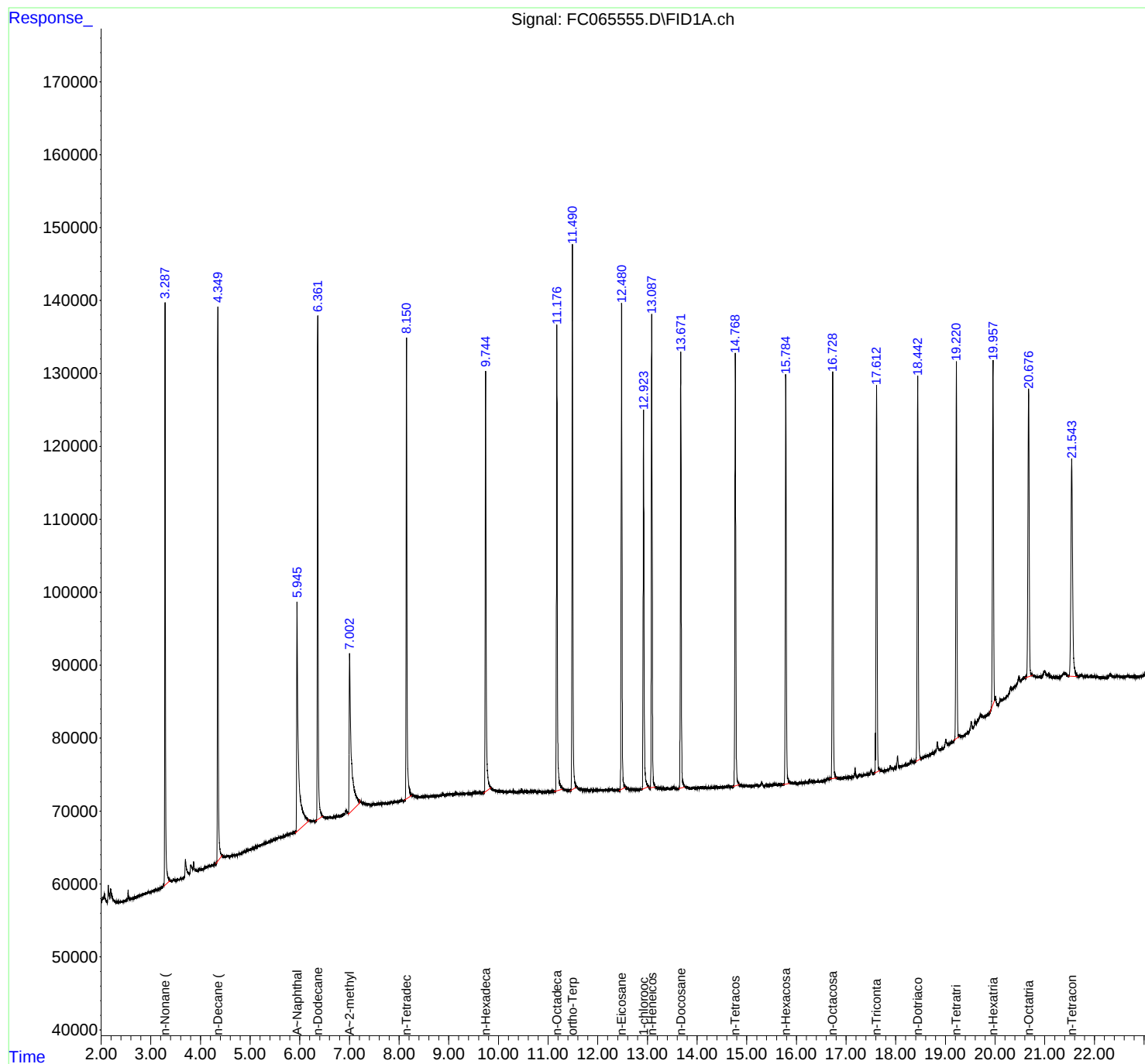
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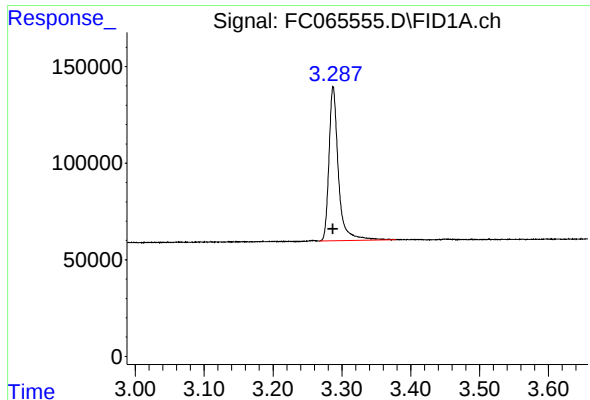
(m)=manual int.

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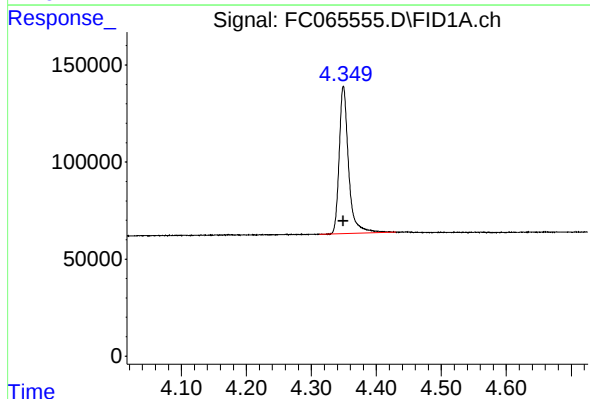
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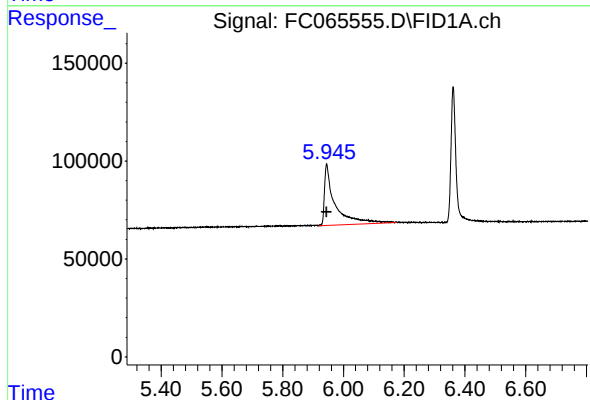
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 761008
Conc: 4.87 ug/ml



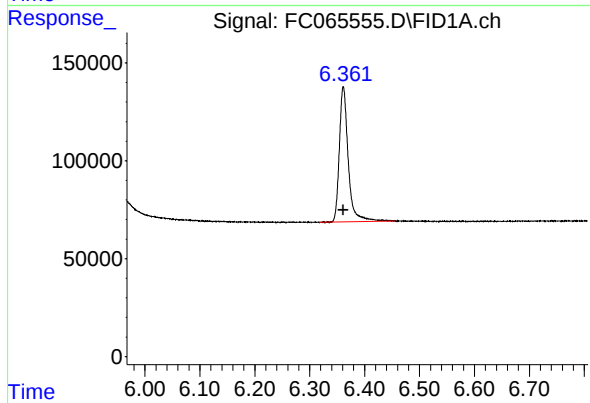
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 762340
Conc: 4.82 ug/ml



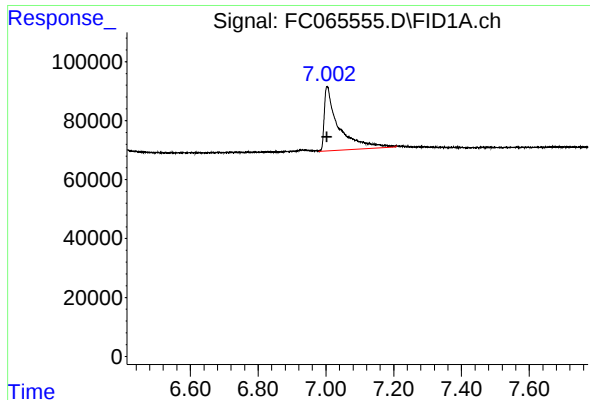
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 760676
Conc: 4.67 ug/ml m



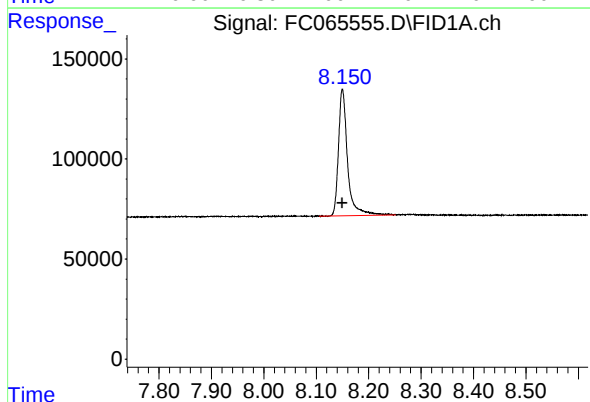
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 777546
Conc: 4.85 ug/ml



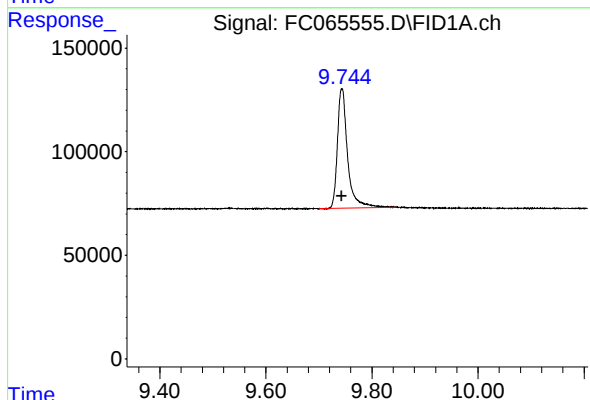
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 644281
Conc: 4.25 ug/ml m



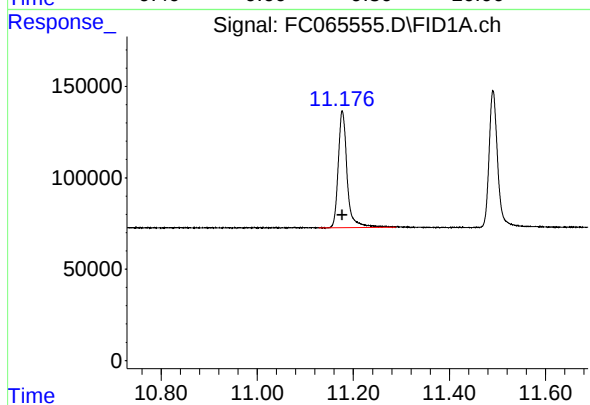
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 758788
Conc: 4.84 ug/ml



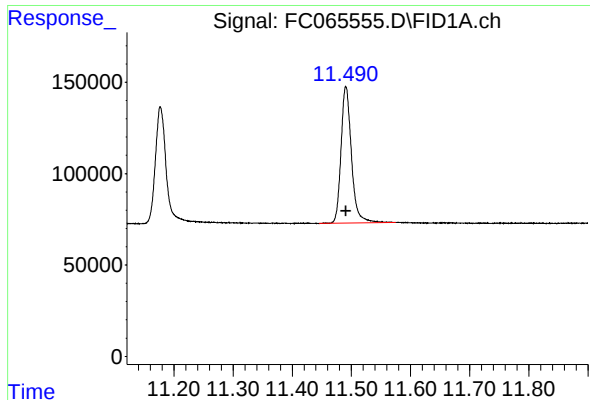
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 770975
Conc: 4.82 ug/ml



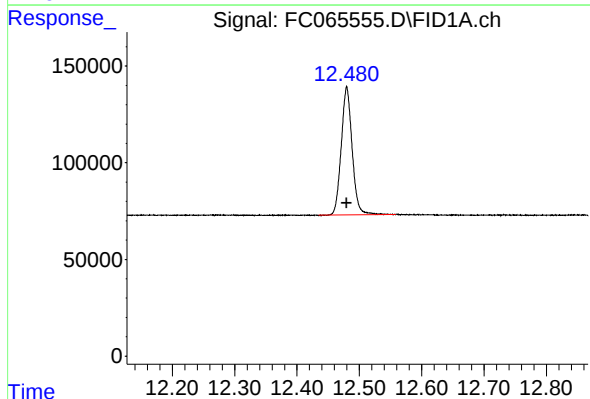
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 817879
Conc: 4.99 ug/ml



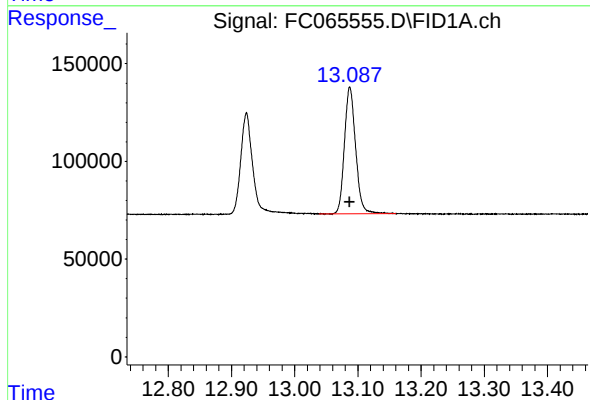
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.000 min
Response: 913168
Conc: 5.02 ug/ml



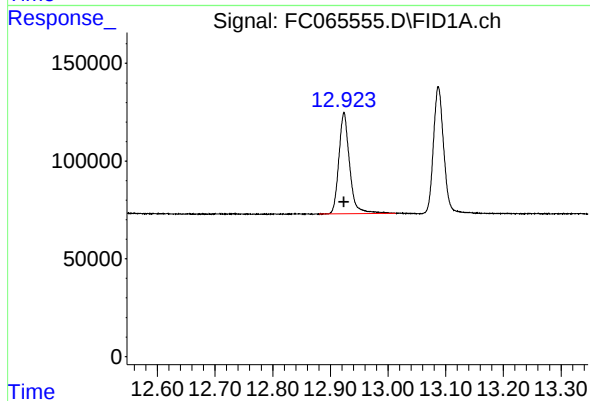
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 806946
Conc: 5.07 ug/ml



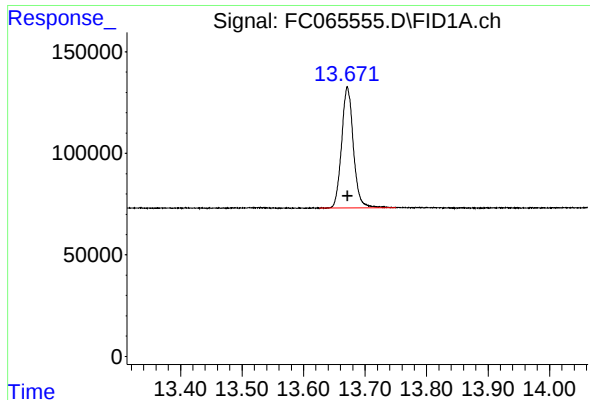
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 795366
Conc: 5.07 ug/ml



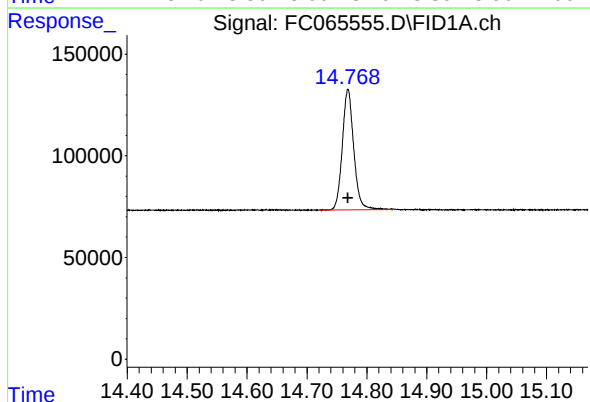
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 672015
Conc: 4.99 ug/ml



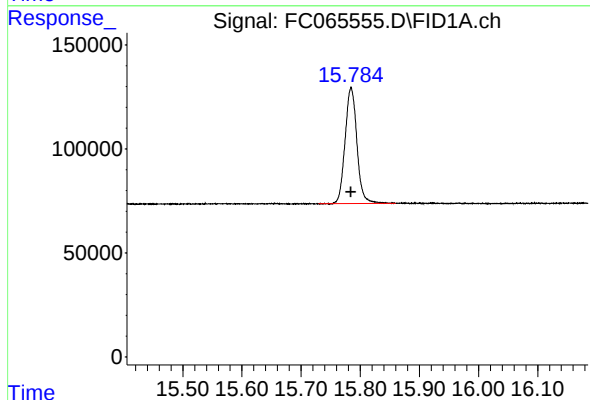
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: 0.000 min
Response: 791193
Conc: 5.07 ug/ml



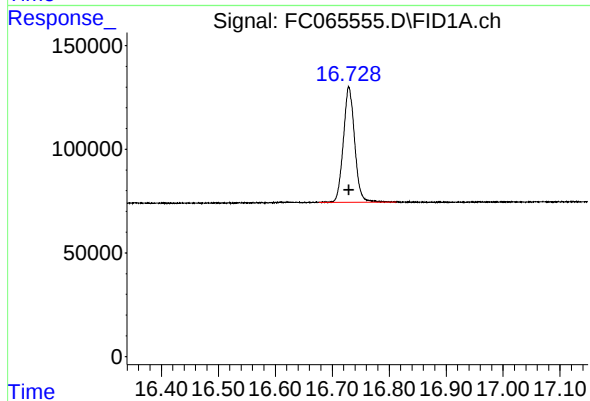
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 783803
Conc: 5.04 ug/ml



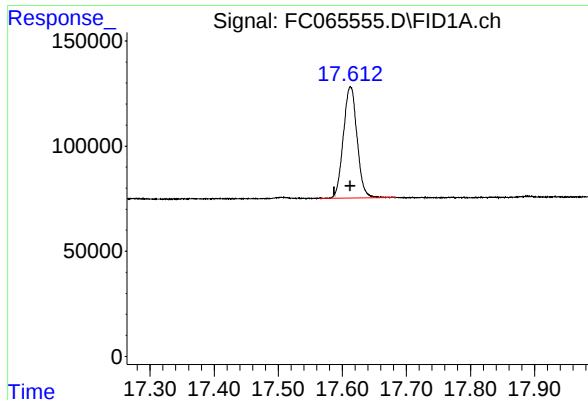
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.000 min
Response: 776820
Conc: 5.06 ug/ml



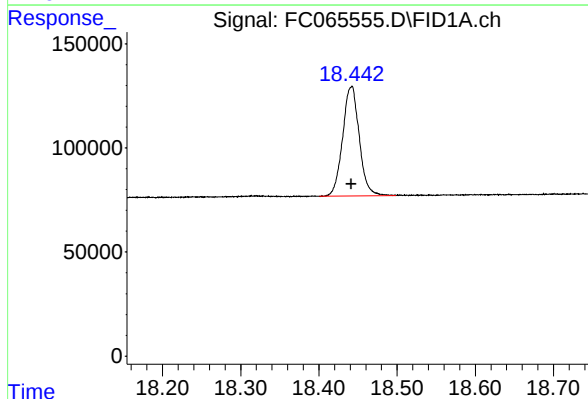
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.000 min
Response: 763589
Conc: 5.07 ug/ml



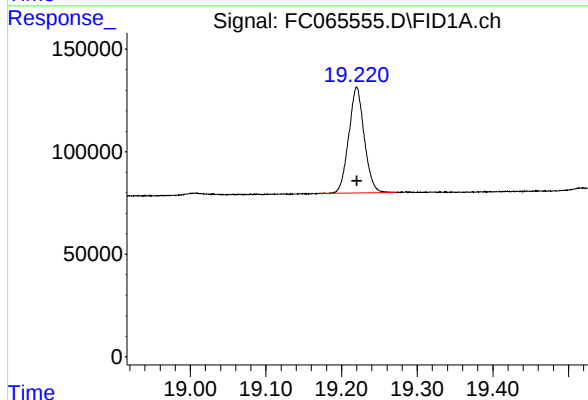
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 785936
Conc: 5.15 ug/ml



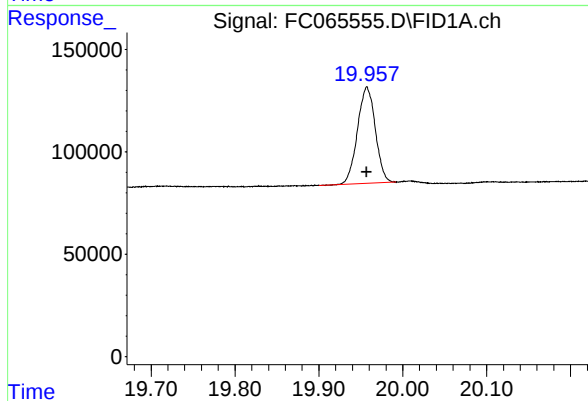
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 777178
Conc: 5.16 ug/ml



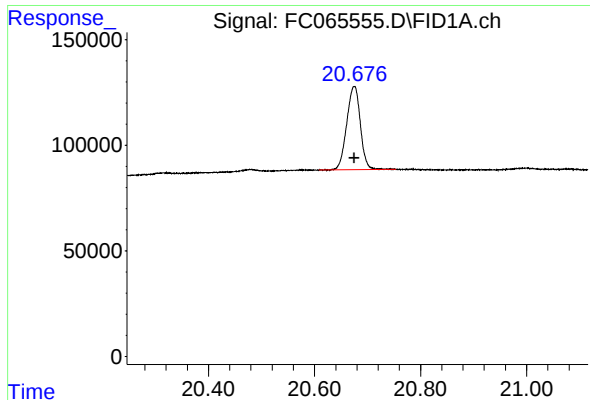
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.000 min
Response: 732351
Conc: 5.10 ug/ml



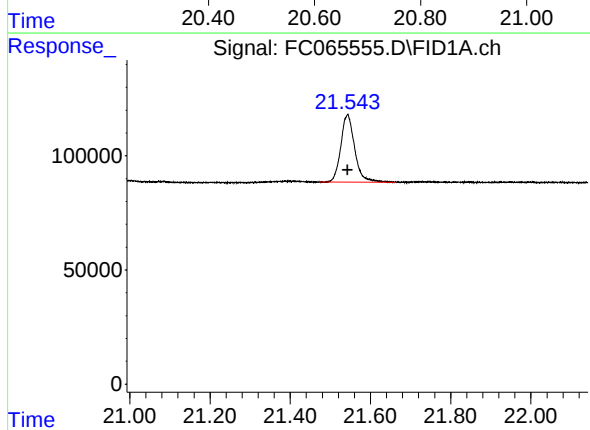
#20 n-Hexatriacontane (C36)

R.T.: 19.957 min
Delta R.T.: 0.000 min
Response: 694583
Conc: 5.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: 0.000 min
Response: 706241
Conc: 5.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: 0.000 min
Response: 712526
Conc: 5.15 ug/ml