

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069788.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 07:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 11:34:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 2025
 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)	11.665	2424460	18.723 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	13.100	1830271	19.128 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T n-Nonane (C9)	3.397	2342319	18.684 ug/ml
2) T n-Decane (C10)	4.469	2387029	18.733 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2531171	18.816 ug/ml
4) T n-Dodecane (C12)	6.494	2411382	18.819 ug/ml
5) T A~2-methylnaphthalene...	7.124	2411087	18.826 ug/ml
6) T n-Tetradecane (C14)	8.293	2355114	18.466 ug/ml
7) T n-Hexadecane (C16)	9.897	2384942	18.468 ug/ml
8) T n-Octadecane (C18)	11.341	2330222	18.585 ug/ml
10) T n-Eicosane (C20)	12.653	2172448	18.716 ug/ml
11) T n-Heneicosane (C21)	13.267	2105822	18.832 ug/ml
13) T n-Docosane (C22)	13.854	2058892	18.867 ug/ml
14) T n-Tetracosane (C24)	14.959	1992328	18.997 ug/ml
15) T n-Hexacosane (C26)	15.981	1909200	19.051 ug/ml
16) T n-Octacosane (C28)	16.933	1839954	19.110 ug/ml
17) T n-Tricontane (C30)	17.823	1839699	19.129 ug/ml
18) T n-Dotriacontane (C32)	18.656	1785640	19.169 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1665736	19.303 ug/ml
20) T n-Hexatriacontane (C36)	20.183	1484600	19.460 ug/ml
21) T n-Octatriacontane (C38)	20.949	1357229	19.300 ug/ml
22) T n-Tetracontane (C40)	21.911	1323051	19.916 ug/ml

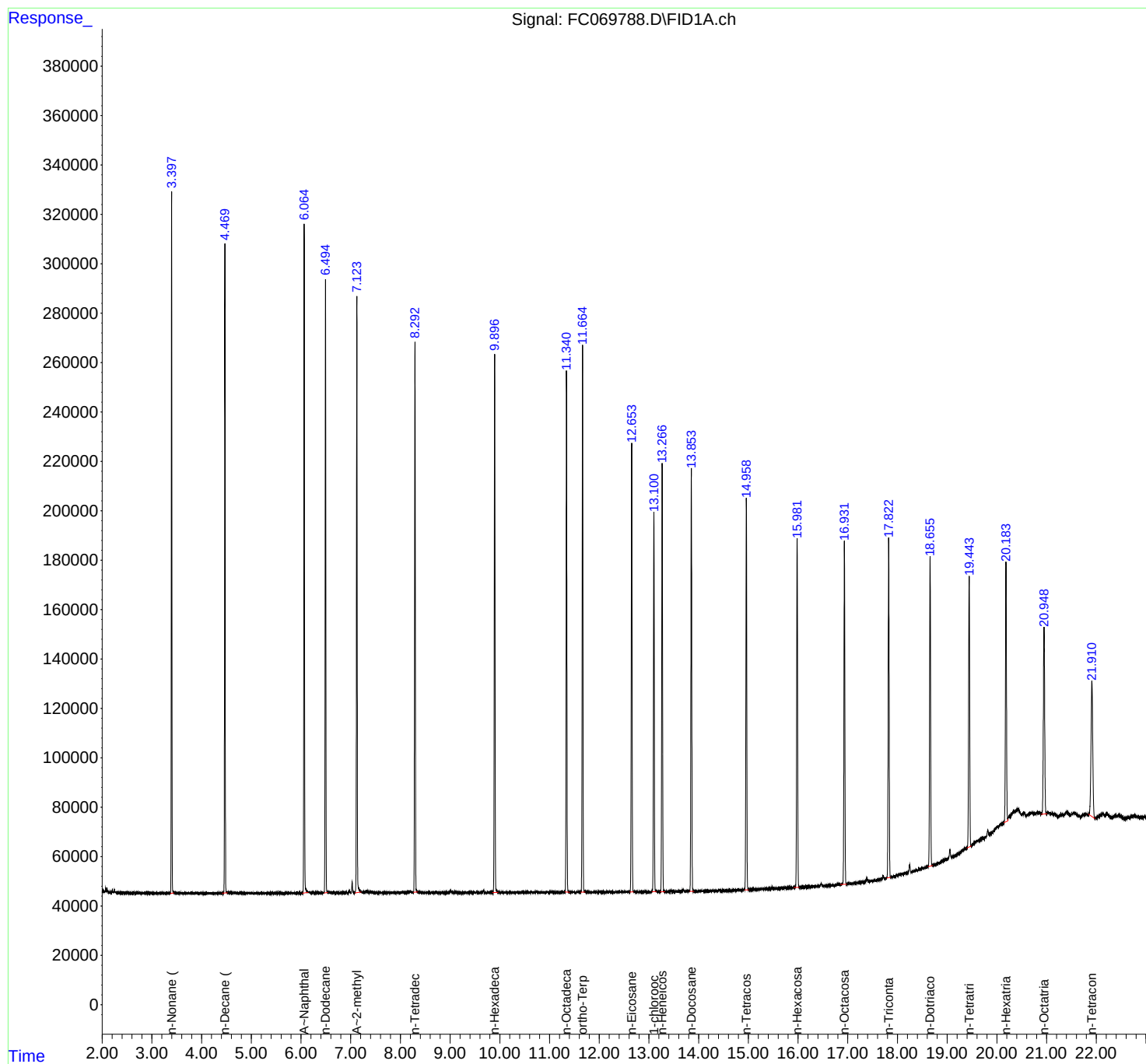
(f)=RT Delta > 1/2 Window

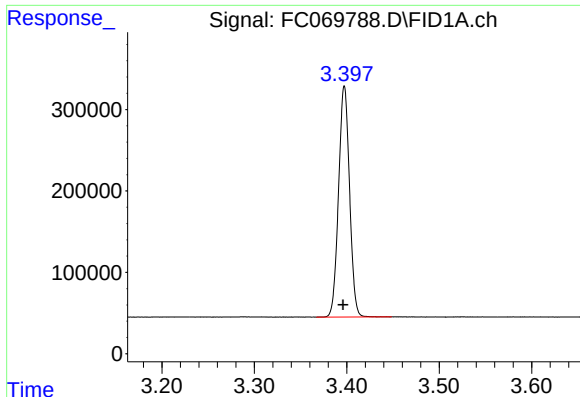
(m)=manual int.

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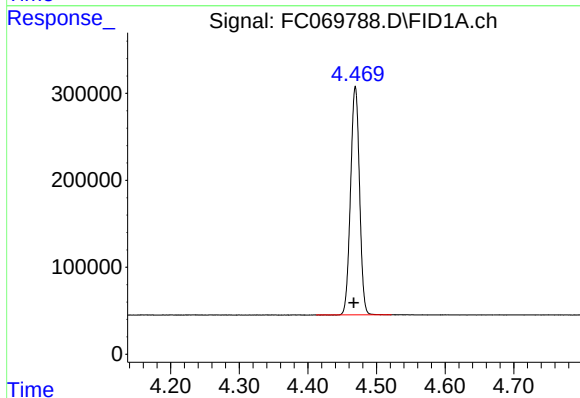
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Signal Info : 20M x 0.18mm x 0.18um





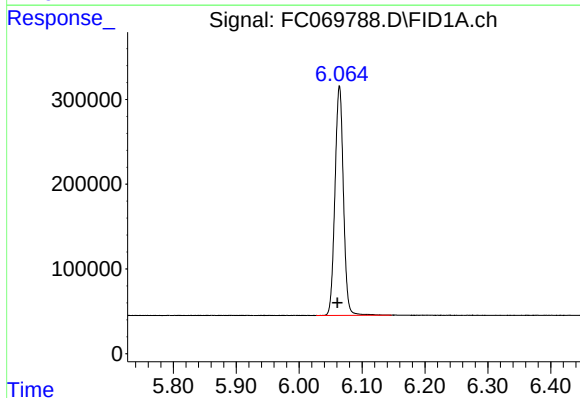
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.001 min
Response: 2342319
Conc: 18.68 ug/ml



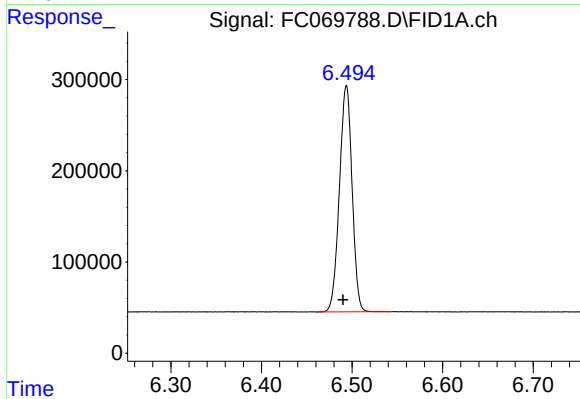
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 2387029
Conc: 18.73 ug/ml



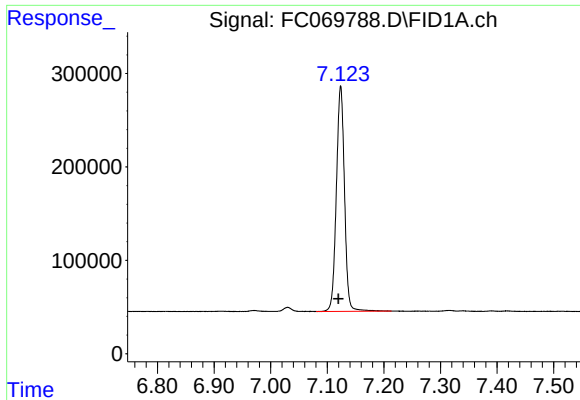
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.003 min
Response: 2531171
Conc: 18.82 ug/ml



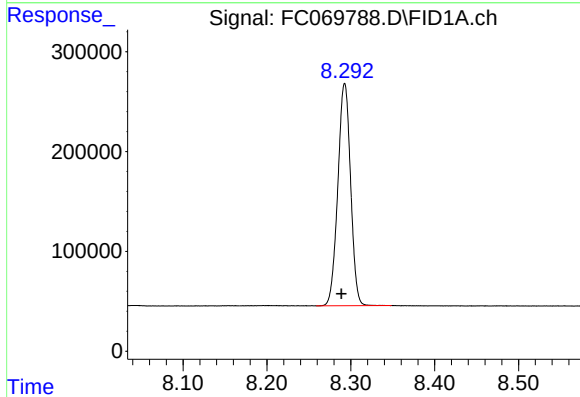
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.003 min
Response: 2411382
Conc: 18.82 ug/ml



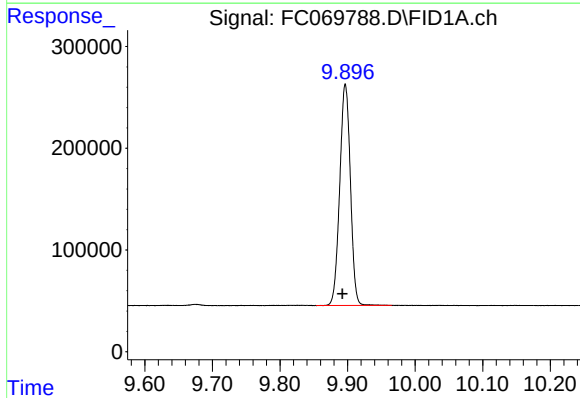
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.004 min
Response: 2411087
Conc: 18.83 ug/ml



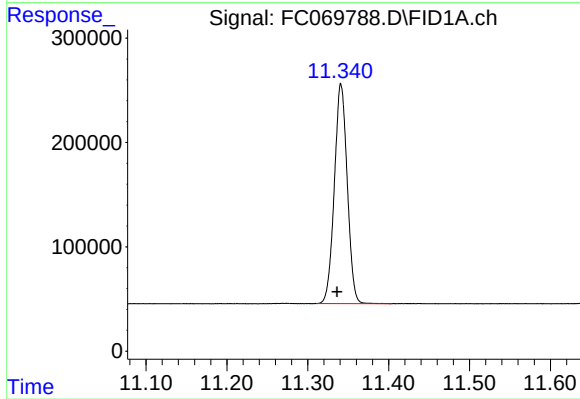
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.004 min
Response: 2355114
Conc: 18.47 ug/ml



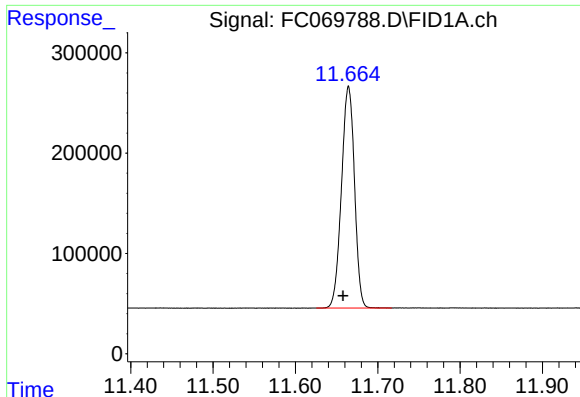
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: 0.004 min
Response: 2384942
Conc: 18.47 ug/ml



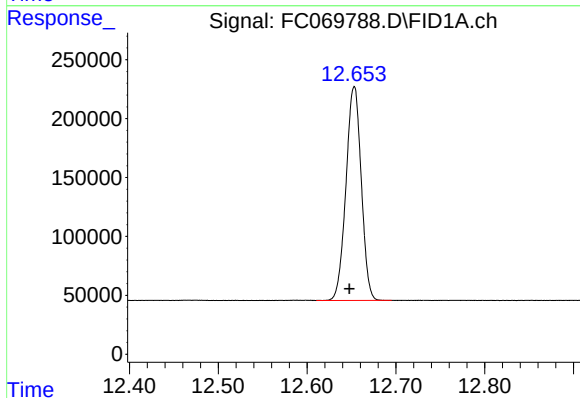
#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: 0.005 min
Response: 2330222
Conc: 18.58 ug/ml



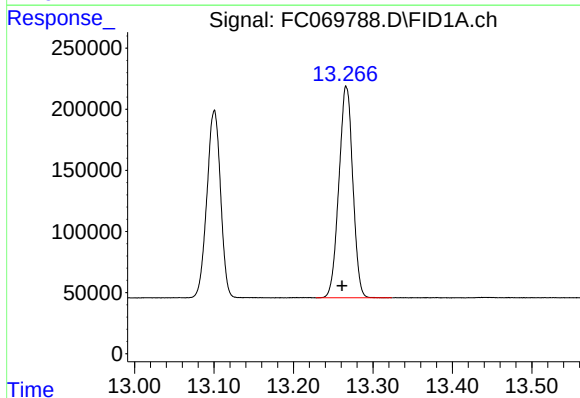
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.007 min
Response: 2424460
Conc: 18.72 ug/ml



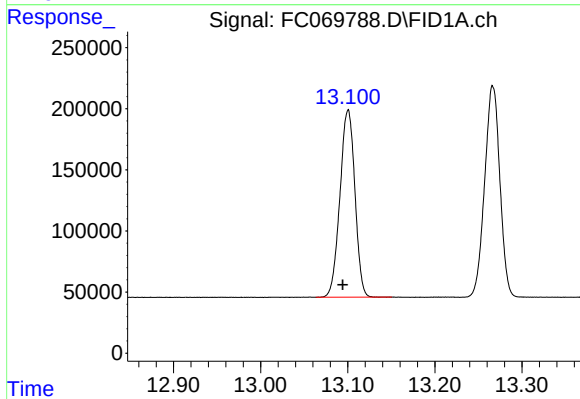
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.006 min
Response: 2172448
Conc: 18.72 ug/ml



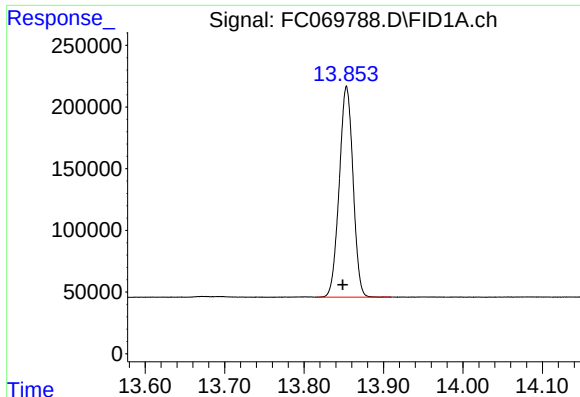
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: 0.005 min
Response: 2105822
Conc: 18.83 ug/ml



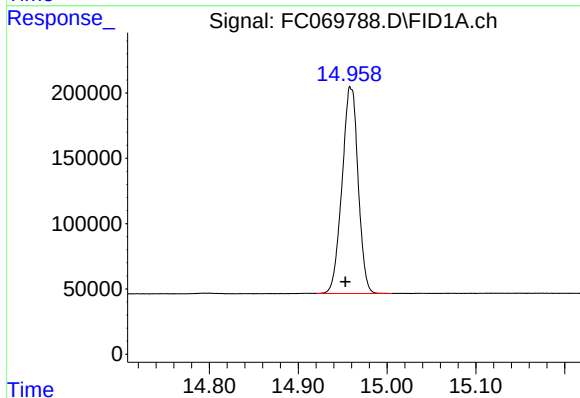
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: 0.006 min
Response: 1830271
Conc: 19.13 ug/ml



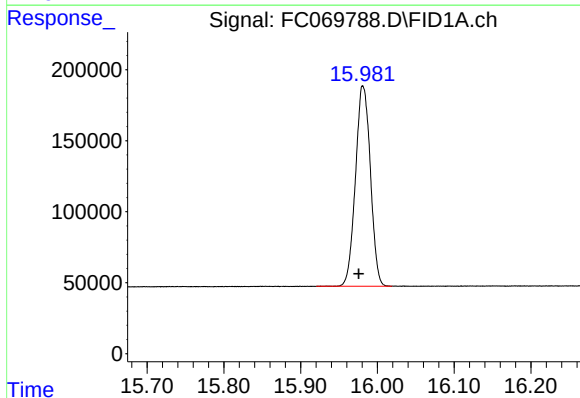
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.005 min
Response: 2058892
Conc: 18.87 ug/ml



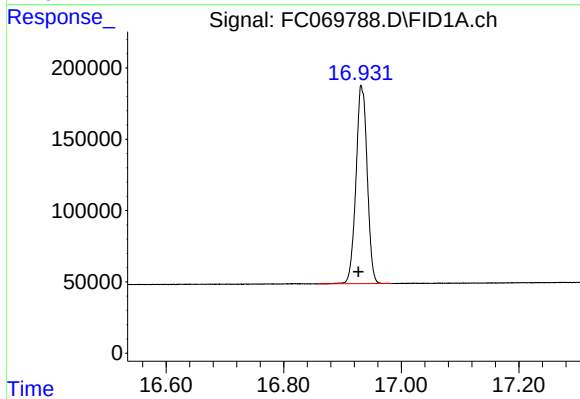
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: 0.006 min
Response: 1992328
Conc: 19.00 ug/ml



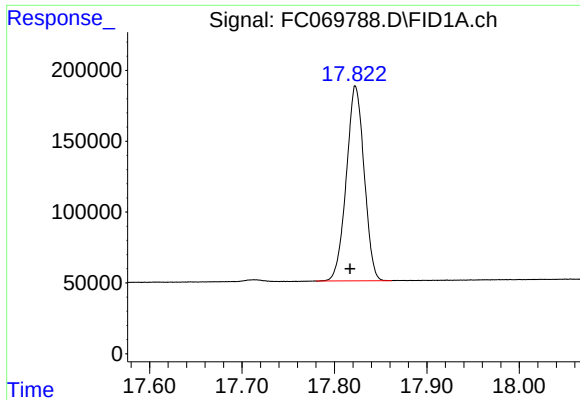
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: 0.006 min
Response: 1909200
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: 0.005 min
Response: 1839954
Conc: 19.11 ug/ml



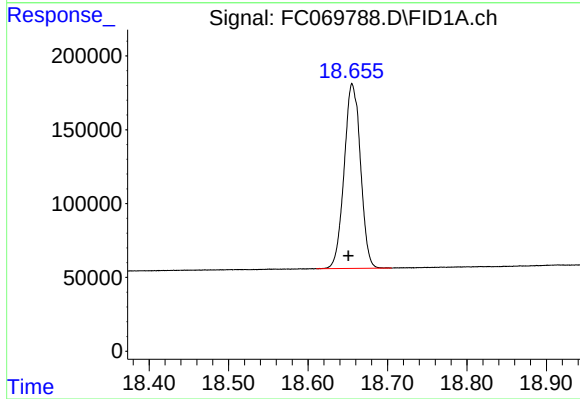
#17 n-Tricontane (C30)

R.T.: 17.823 min

Delta R.T.: 0.006 min

Response: 1839699

Conc: 19.13 ug/ml



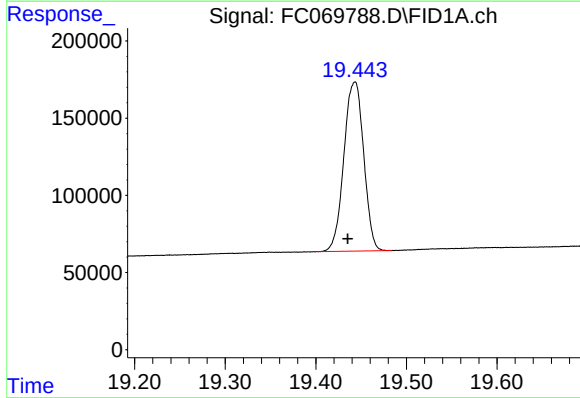
#18 n-Dotriacontane (C32)

R.T.: 18.656 min

Delta R.T.: 0.005 min

Response: 1785640

Conc: 19.17 ug/ml



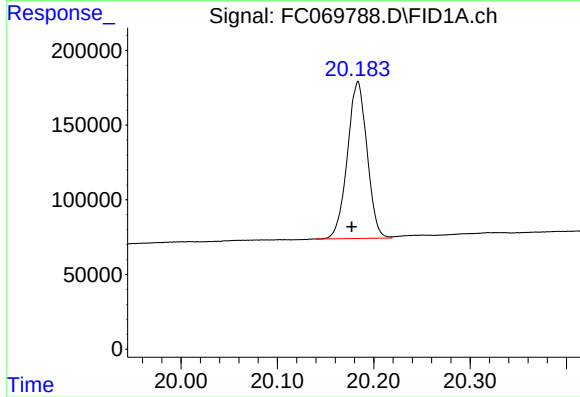
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min

Delta R.T.: 0.008 min

Response: 1665736

Conc: 19.30 ug/ml



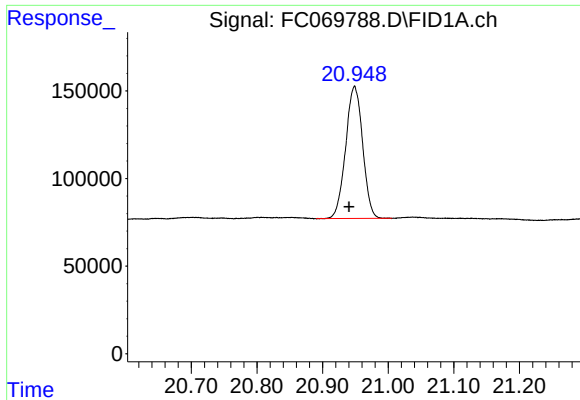
#20 n-Hexatriacontane (C36)

R.T.: 20.183 min

Delta R.T.: 0.006 min

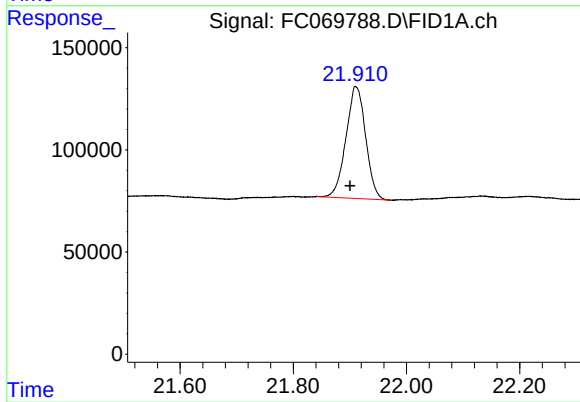
Response: 1484600

Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.008 min
Response: 1357229
Conc: 19.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: 0.010 min
Response: 1323051
Conc: 19.92 ug/ml