

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012623AL\
 Data File : FC062787.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jan 2023 01:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 04:14:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 Qlast Update : Fri Jan 27 04:11:29 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)	11.541	2371743	19.074 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	12.980	1809591	19.186 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.299	2066990	19.126 ug/ml
2) T n-Decane (C10)	4.367	2001023	19.260 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2288531	19.350 ug/ml
4) T n-Dodecane (C12)	6.387	1985291	19.205 ug/ml
5) T A~2-methylnaphthalene...	7.009	2164109	19.779 ug/ml
6) T n-Tetradecane (C14)	8.184	2044940	19.933 ug/ml
7) T n-Hexadecane (C16)	9.785	2092631	19.342 ug/ml
8) T n-Octadecane (C18)	11.228	2133977	19.249 ug/ml
10) T n-Eicosane (C20)	12.536	2087659	19.148 ug/ml
11) T n-Heneicosane (C21)	13.147	2103757	19.328 ug/ml
13) T n-Docosane (C22)	13.733	2064722	19.165 ug/ml
14) T n-Tetracosane (C24)	14.835	2059937	19.234 ug/ml
15) T n-Hexacosane (C26)	15.855	2032384	19.286 ug/ml
16) T n-Octacosane (C28)	16.805	2009268	19.229 ug/ml
17) T n-Tricontane (C30)	17.690	1995957	19.115 ug/ml
18) T n-Dotriacontane (C32)	18.521	2005407	18.566 ug/ml
19) T n-Tetratriacontane (C34)	19.303	1987149	18.905 ug/ml
20) T n-Hexatriacontane (C36)	20.042	1912198	18.988 ug/ml
21) T n-Octatriacontane (C38)	20.770	1913960	19.063 ug/ml
22) T n-Tetracontane (C40)	21.675	1906548	19.780 ug/ml

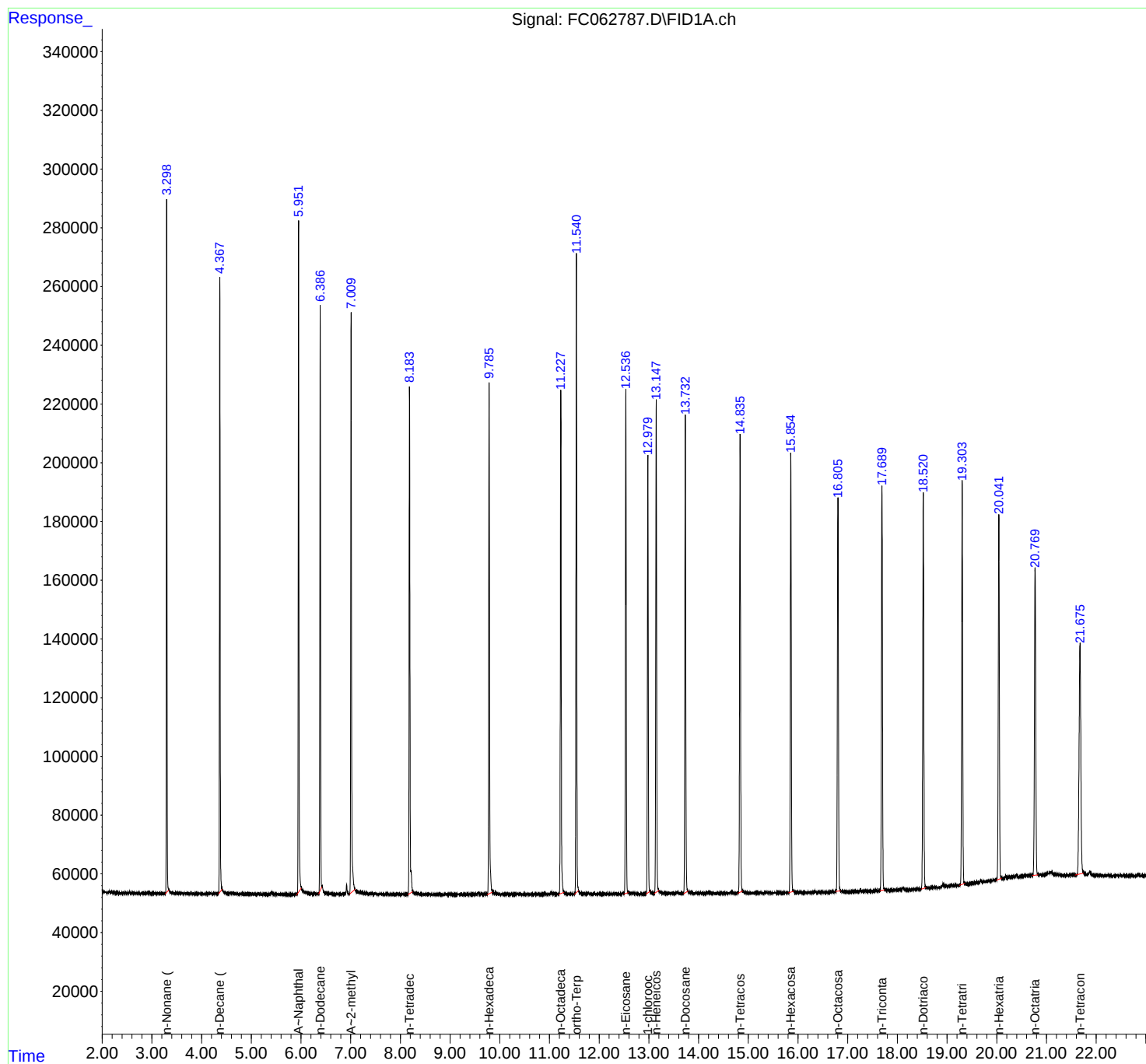
(f)=RT Delta > 1/2 Window

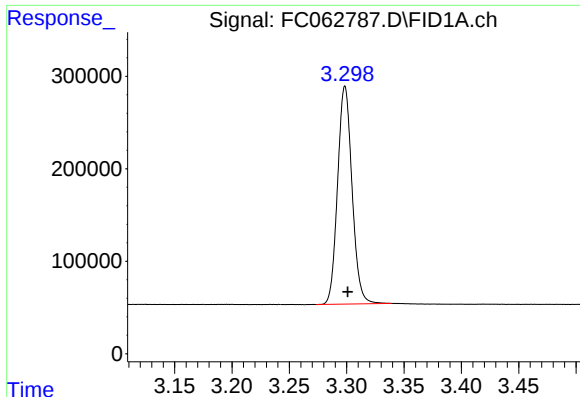
(m)=manual int.

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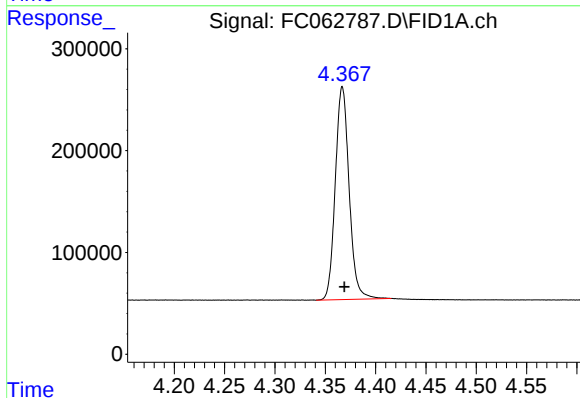
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





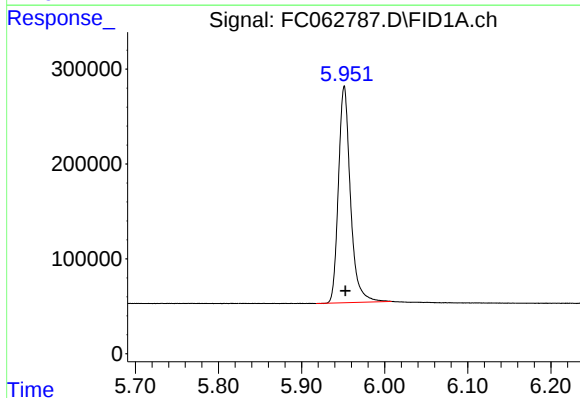
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 2066990
Conc: 19.13 ug/ml



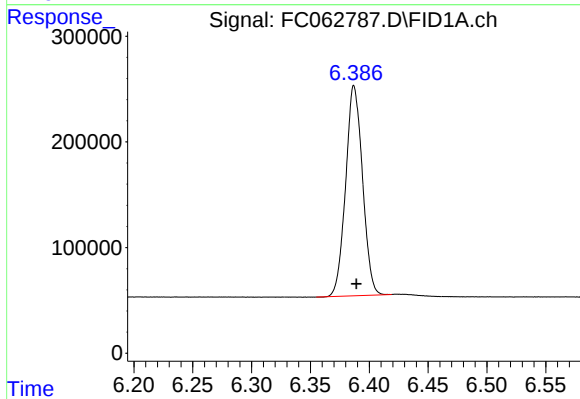
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 2001023
Conc: 19.26 ug/ml



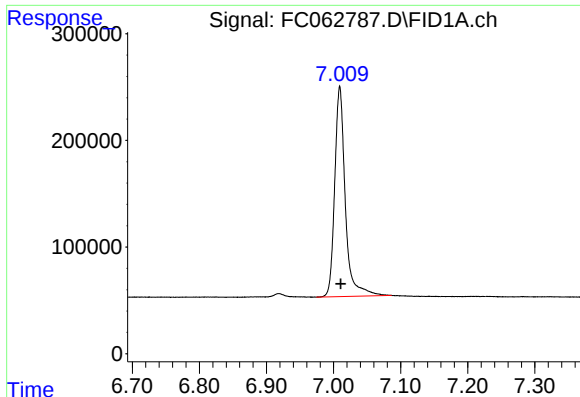
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 2288531
Conc: 19.35 ug/ml



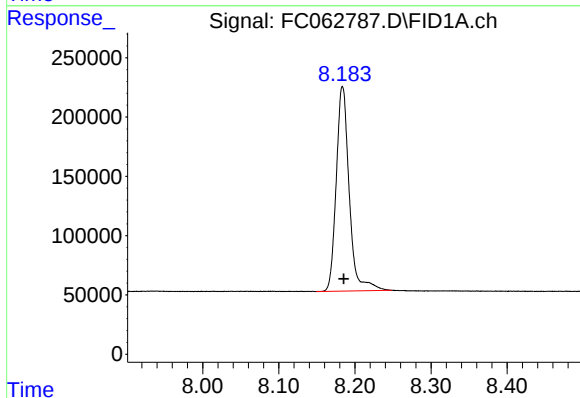
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 1985291
Conc: 19.21 ug/ml



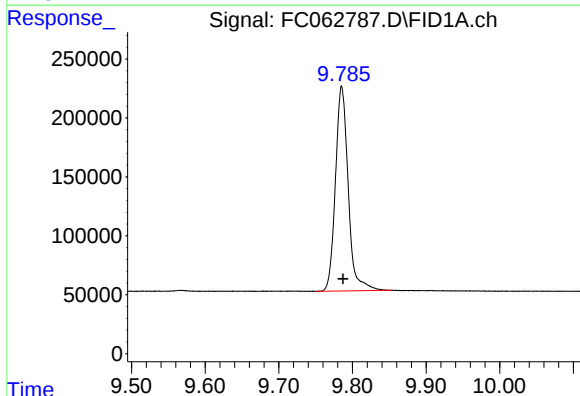
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.001 min
Response: 2164109
Conc: 19.78 ug/ml



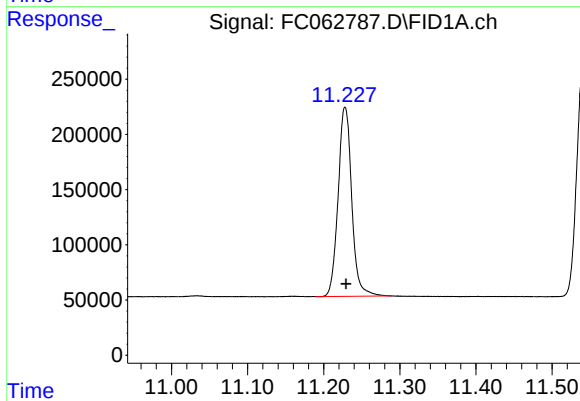
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 2044940
Conc: 19.93 ug/ml



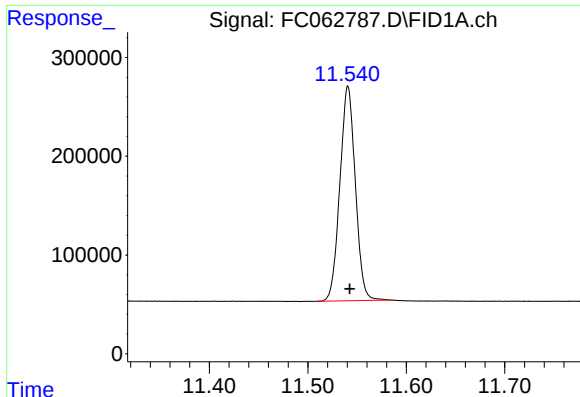
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 2092631
Conc: 19.34 ug/ml



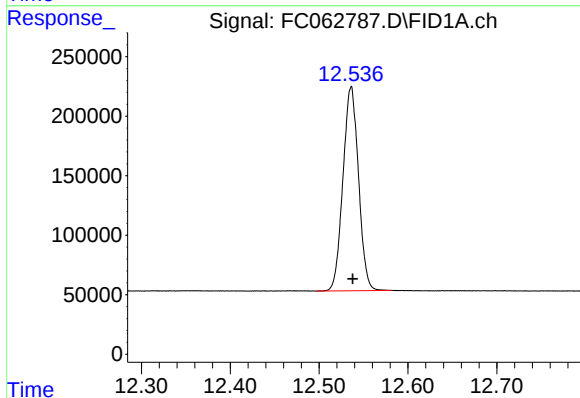
#8 n-Octadecane (C18)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 2133977
Conc: 19.25 ug/ml



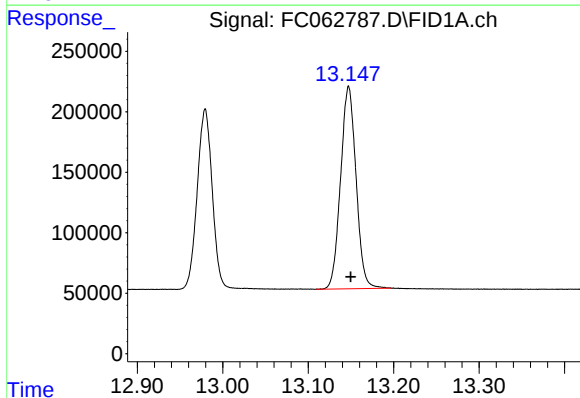
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 2371743
Conc: 19.07 ug/ml



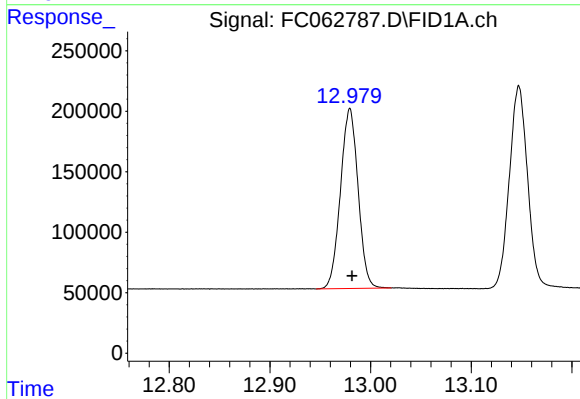
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.002 min
Response: 2087659
Conc: 19.15 ug/ml



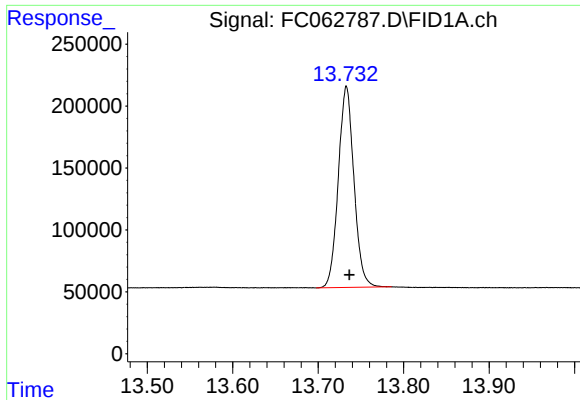
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.002 min
Response: 2103757
Conc: 19.33 ug/ml



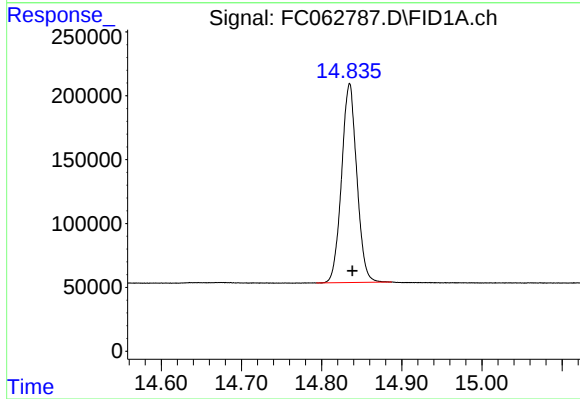
#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: -0.002 min
Response: 1809591
Conc: 19.19 ug/ml



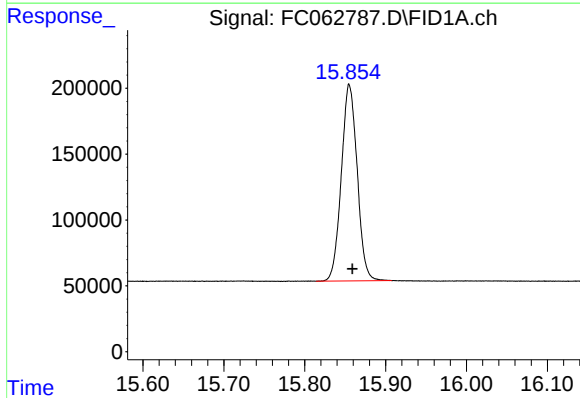
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.003 min
Response: 2064722
Conc: 19.17 ug/ml



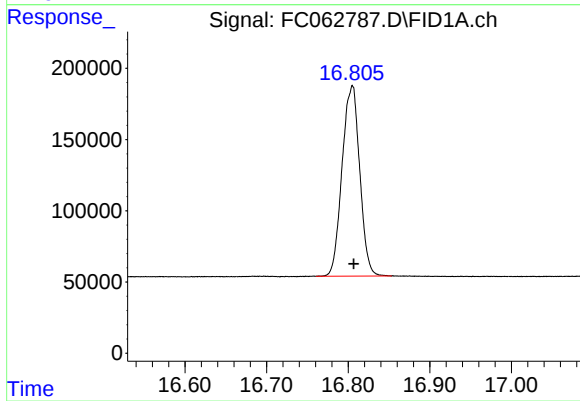
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.004 min
Response: 2059937
Conc: 19.23 ug/ml



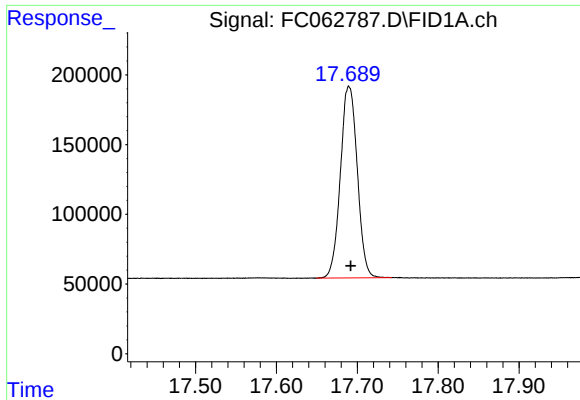
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.004 min
Response: 2032384
Conc: 19.29 ug/ml



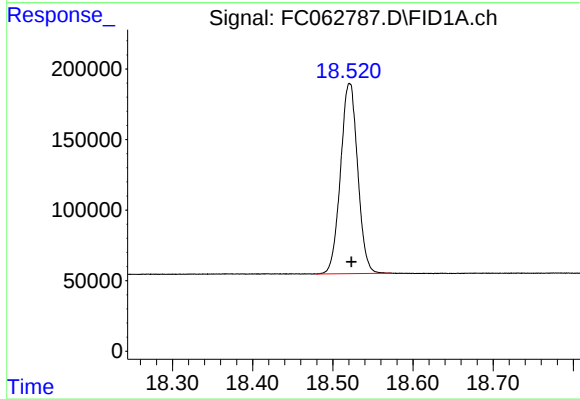
#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.002 min
Response: 2009268
Conc: 19.23 ug/ml



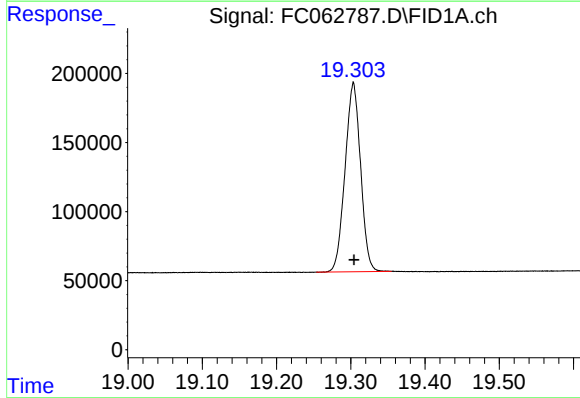
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.002 min
Response: 1995957
Conc: 19.11 ug/ml



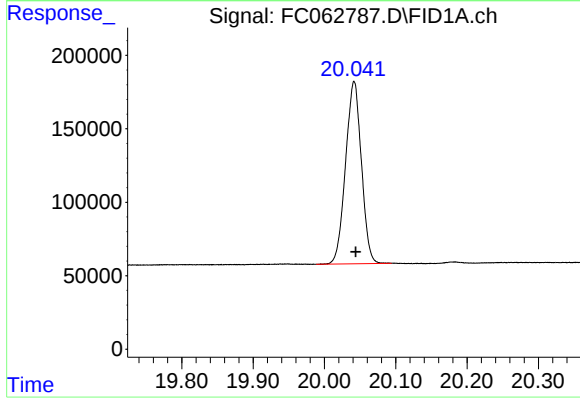
#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.002 min
Response: 2005407
Conc: 18.57 ug/ml



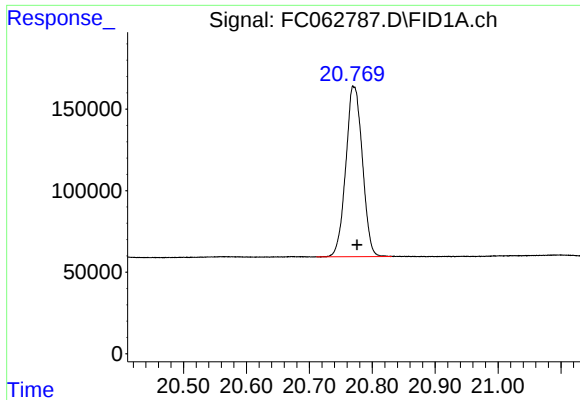
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: 0.000 min
Response: 1987149
Conc: 18.91 ug/ml



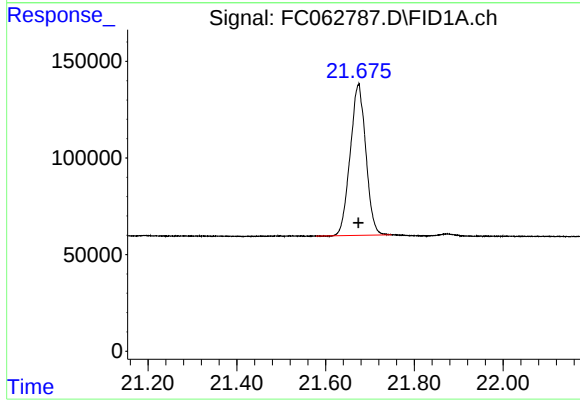
#20 n-Hexatriacontane (C36)

R.T.: 20.042 min
Delta R.T.: -0.002 min
Response: 1912198
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.006 min
Response: 1913960
Conc: 19.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.675 min
Delta R.T.: 0.000 min
Response: 1906548
Conc: 19.78 ug/ml