

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011823AL\
 Data File : FC062697.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jan 2023 11:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 18 23:37:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.552	2773301	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	12.991	2024946	19.223 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.314	2672185	19.983 ug/ml
2) T n-Decane (C10)	4.380	2601406	20.058 ug/ml
3) T A~Naphthalene (C11.7)	5.963	2891332	19.676 ug/ml
4) T n-Dodecane (C12)	6.399	2500223	19.454 ug/ml
5) T A~2-methylnaphthalene...	7.021	2680962	19.609 ug/ml
6) T n-Tetradecane (C14)	8.195	2562728	19.908 ug/ml
7) T n-Hexadecane (C16)	9.797	2559092	19.816 ug/ml
8) T n-Octadecane (C18)	11.238	2566007	19.815 ug/ml
10) T n-Eicosane (C20)	12.547	2442134	19.788 ug/ml
11) T n-Heneicosane (C21)	13.160	2425300	19.788 ug/ml
13) T n-Docosane (C22)	13.744	2367733	19.805 ug/ml
14) T n-Tetracosane (C24)	14.846	2324802	19.962 ug/ml
15) T n-Hexacosane (C26)	15.865	2275267	20.253 ug/ml
16) T n-Octacosane (C28)	16.814	2239878	20.400 ug/ml
17) T n-Tricontane (C30)	17.699	2248565	20.763 ug/ml
18) T n-Dotriacontane (C32)	18.529	2267240	20.768 ug/ml
19) T n-Tetratriacontane (C34)	19.311	2189308	20.137 ug/ml
20) T n-Hexatriacontane (C36)	20.047	2002081	17.999 ug/ml
21) T n-Octatriacontane (C38)	20.780	1884871	17.798 ug/ml
22) T n-Tetracontane (C40)	21.686	1752230	16.454 ug/ml

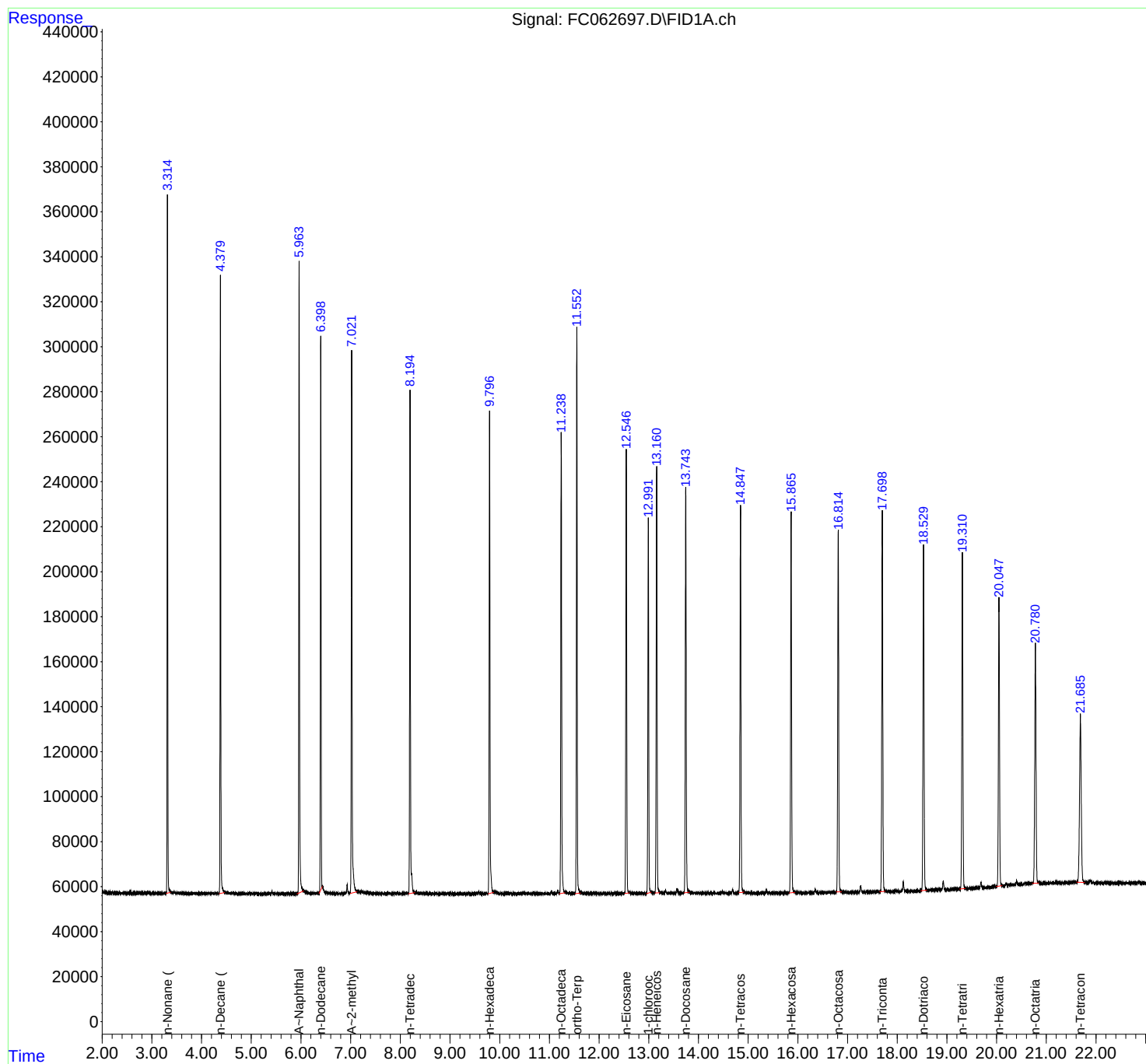
(f)=RT Delta > 1/2 Window

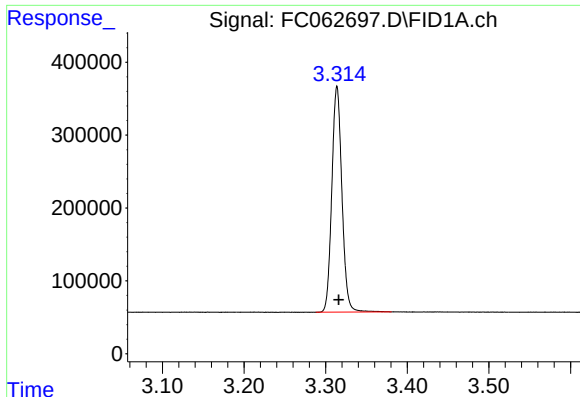
(m)=manual int.

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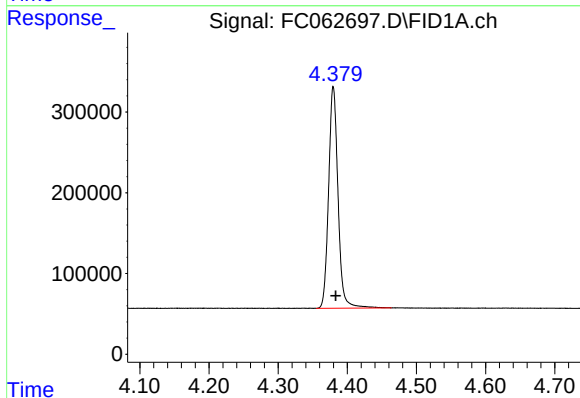
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





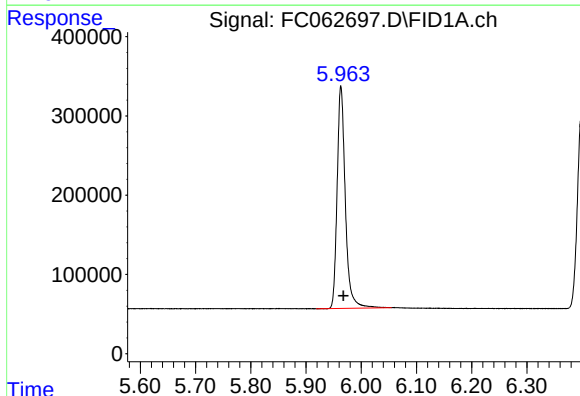
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 2672185
Conc: 19.98 ug/ml



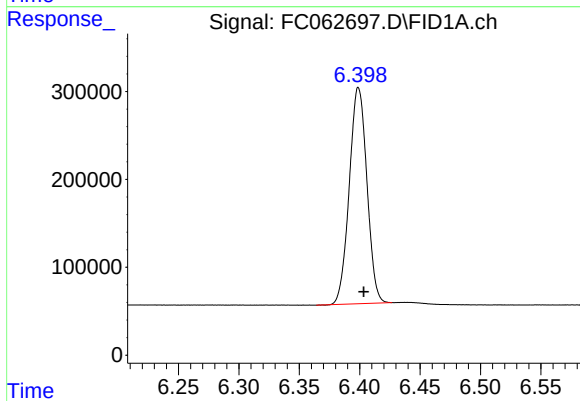
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2601406
Conc: 20.06 ug/ml



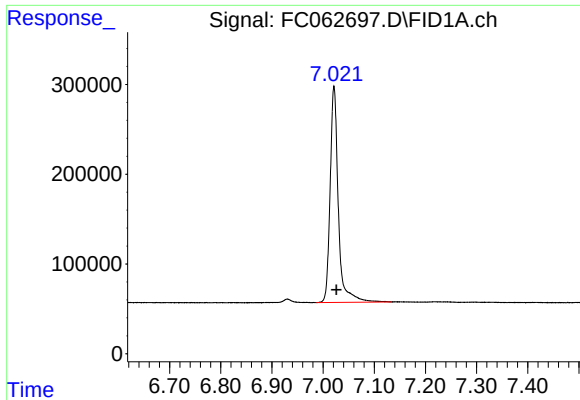
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 2891332
Conc: 19.68 ug/ml



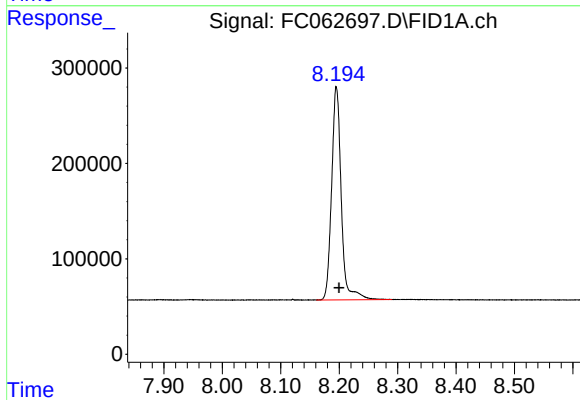
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 2500223
Conc: 19.45 ug/ml



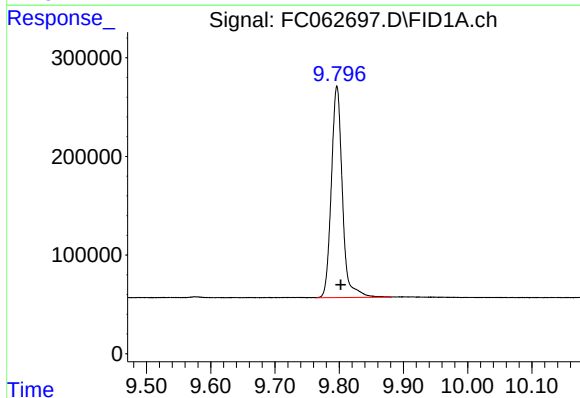
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 2680962
Conc: 19.61 ug/ml



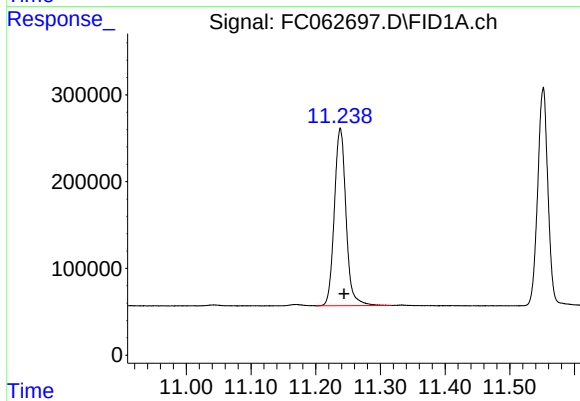
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2562728
Conc: 19.91 ug/ml



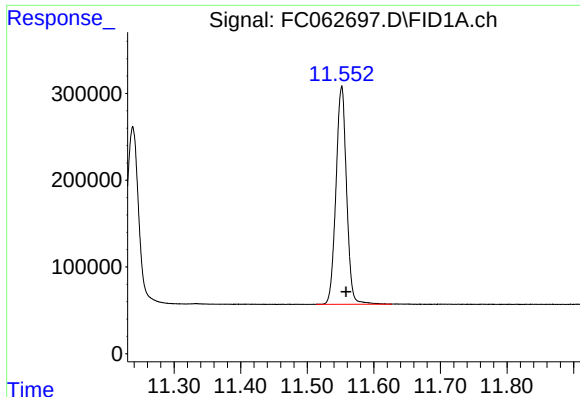
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.006 min
Response: 2559092
Conc: 19.82 ug/ml



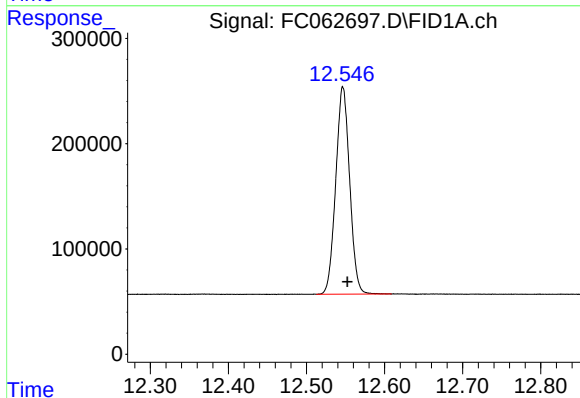
#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: -0.006 min
Response: 2566007
Conc: 19.81 ug/ml



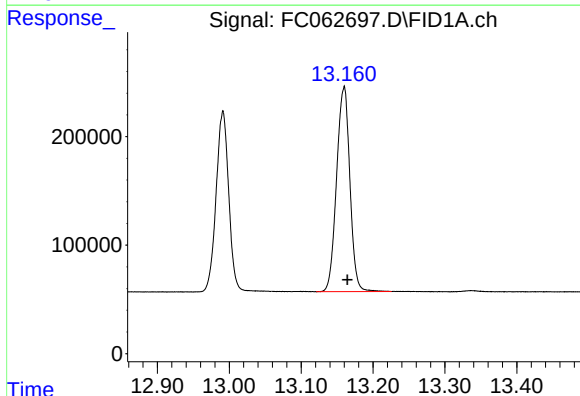
#9 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: -0.007 min
Response: 2773301
Conc: 19.63 ug/ml



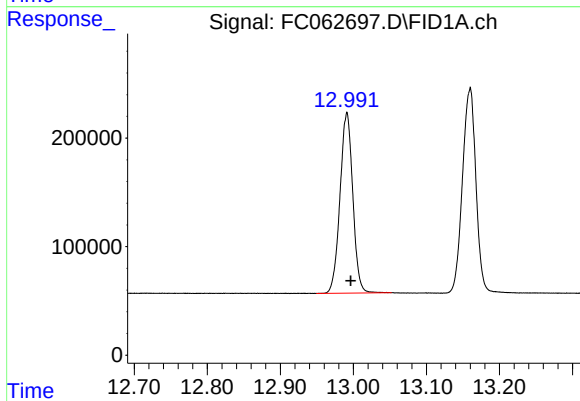
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.006 min
Response: 2442134
Conc: 19.79 ug/ml



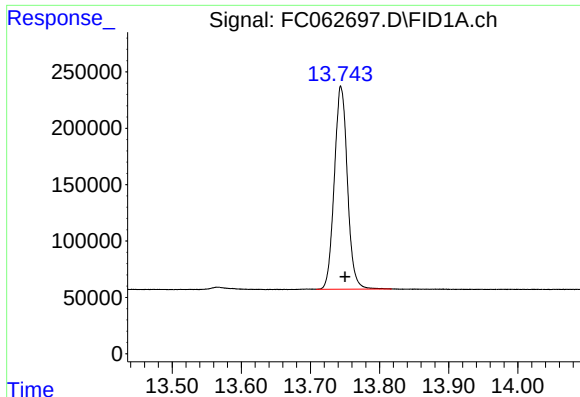
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.004 min
Response: 2425300
Conc: 19.79 ug/ml



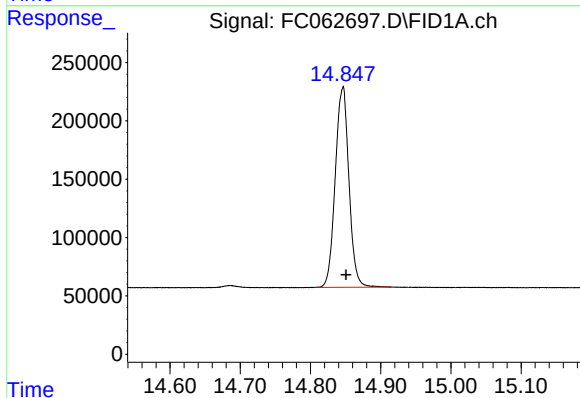
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.005 min
Response: 2024946
Conc: 19.22 ug/ml



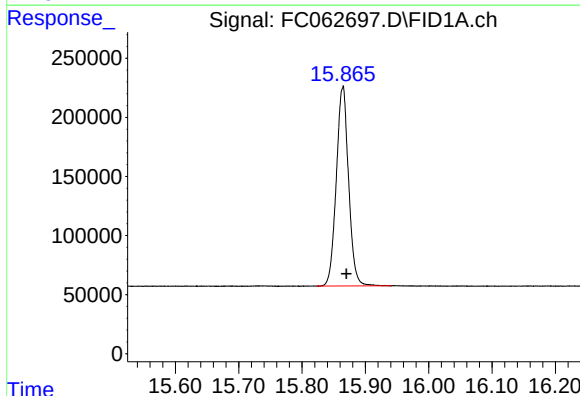
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.006 min
Response: 2367733
Conc: 19.81 ug/ml



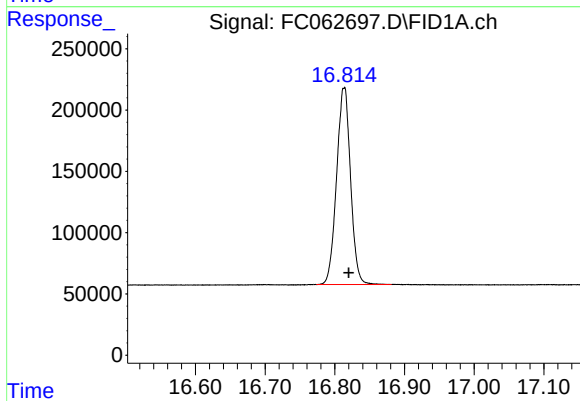
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.004 min
Response: 2324802
Conc: 19.96 ug/ml



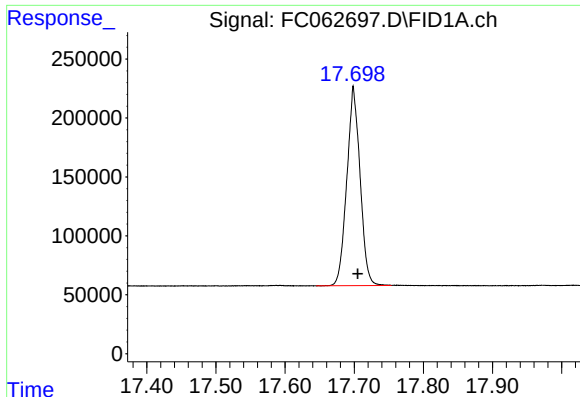
#15 n-Hexacosane (C26)

R.T.: 15.865 min
Delta R.T.: -0.006 min
Response: 2275267
Conc: 20.25 ug/ml



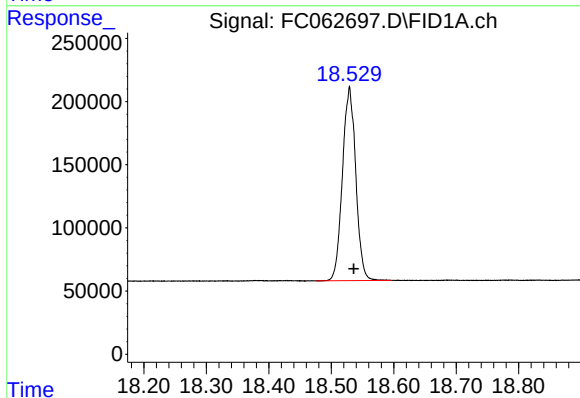
#16 n-Octacosane (C28)

R.T.: 16.814 min
Delta R.T.: -0.006 min
Response: 2239878
Conc: 20.40 ug/ml



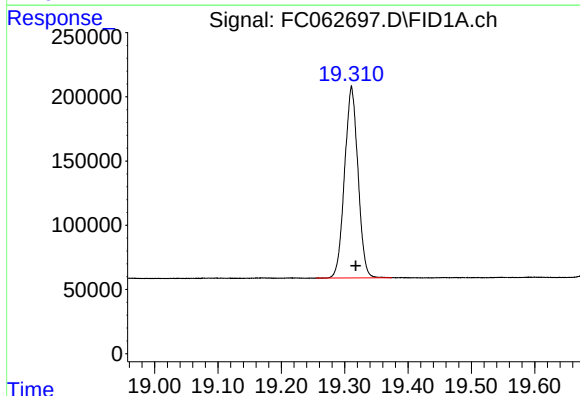
#17 n-Tricontane (C30)

R.T.: 17.699 min
Delta R.T.: -0.006 min
Response: 2248565
Conc: 20.76 ug/ml



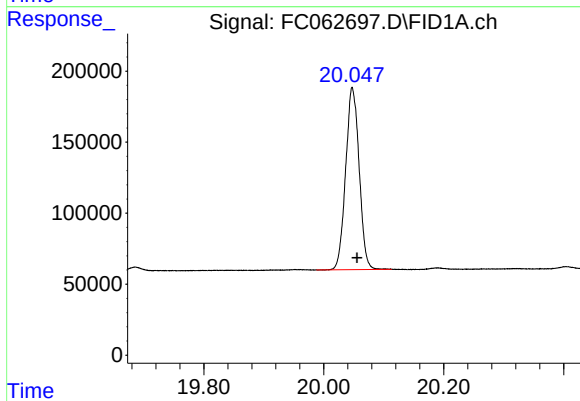
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.007 min
Response: 2267240
Conc: 20.77 ug/ml



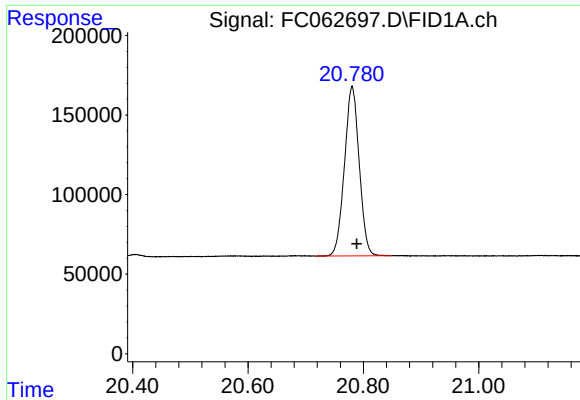
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.007 min
Response: 2189308
Conc: 20.14 ug/ml



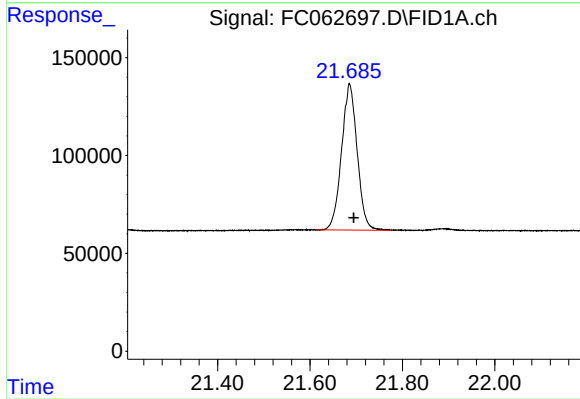
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.008 min
Response: 2002081
Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.008 min
Response: 1884871
Conc: 17.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.686 min
Delta R.T.: -0.009 min
Response: 1752230
Conc: 16.45 ug/ml