

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012623AL\
 Data File : FC062785.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jan 2023 22:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 04:14:07 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	2480034	19.944 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.980	1890045	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.299	2169329	20.073 ug/ml
2) T n-Decane (C10)	4.366	2095364	20.168 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2400943	20.301 ug/ml
4) T n-Dodecane (C12)	6.386	2079637	20.118 ug/ml
5) T A~2-methylnaphthalene...	7.007	2266172	20.712 ug/ml
6) T n-Tetradecane (C14)	8.182	2143707	20.896 ug/ml
7) T n-Hexadecane (C16)	9.785	2192841	20.268 ug/ml
8) T n-Octadecane (C18)	11.227	2230006	20.115 ug/ml
10) T n-Eicosane (C20)	12.537	2178405	19.980 ug/ml
11) T n-Heneicosane (C21)	13.149	2185153	20.076 ug/ml
13) T n-Docosane (C22)	13.734	2155549	20.008 ug/ml
14) T n-Tetracosane (C24)	14.836	2143183	20.012 ug/ml
15) T n-Hexacosane (C26)	15.856	2112327	20.044 ug/ml
16) T n-Octacosane (C28)	16.806	2085128	19.955 ug/ml
17) T n-Tricontane (C30)	17.690	2065839	19.784 ug/ml
18) T n-Dotriacontane (C32)	18.522	2069309	19.158 ug/ml
19) T n-Tetratriacontane (C34)	19.303	2051006	19.513 ug/ml
20) T n-Hexatriacontane (C36)	20.042	1976844	19.630 ug/ml
21) T n-Octatriacontane (C38)	20.770	1970329	19.624 ug/ml
22) T n-Tetracontane (C40)	21.671	1952395	20.256 ug/ml

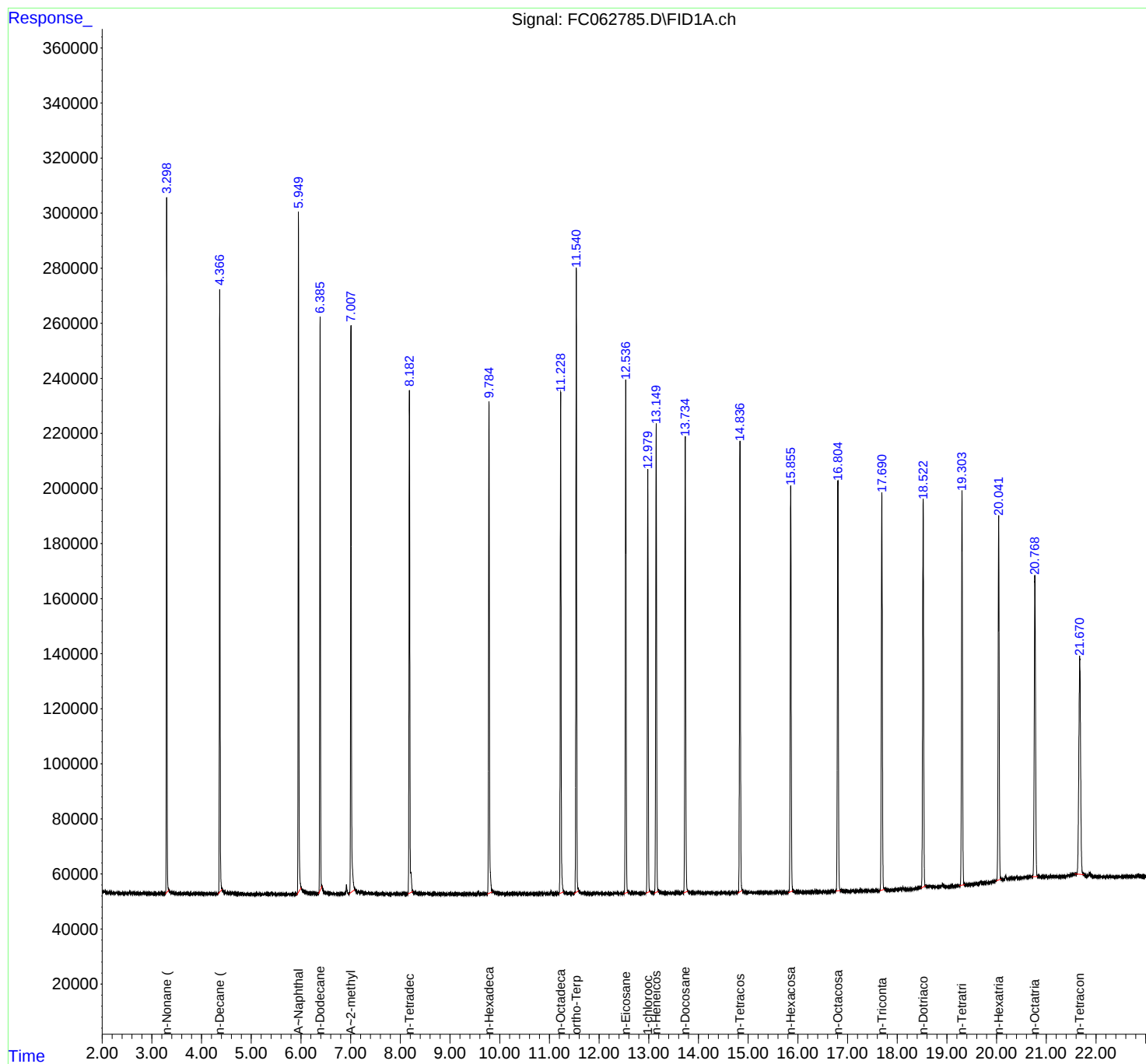
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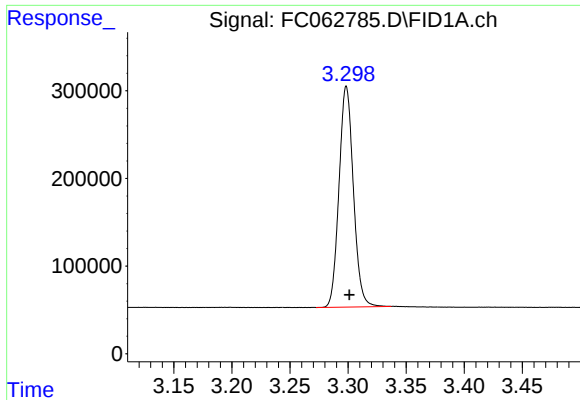
(m)=manual int.

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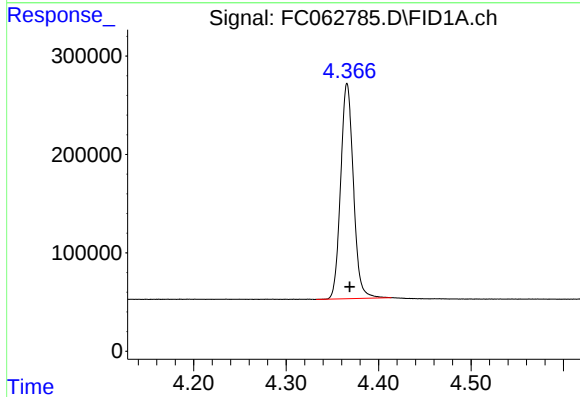
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





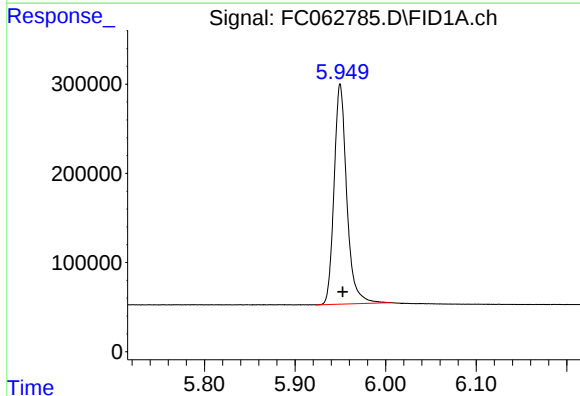
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 2169329
Conc: 20.07 ug/ml



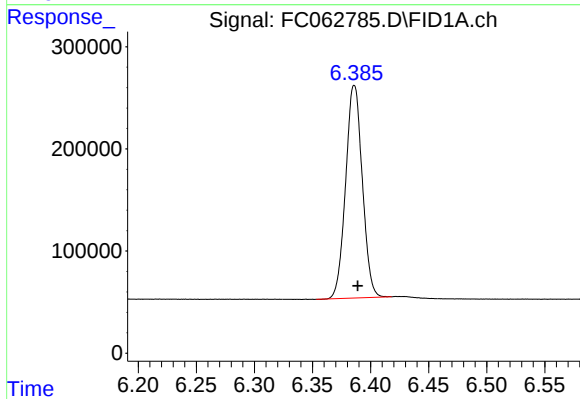
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 2095364
Conc: 20.17 ug/ml



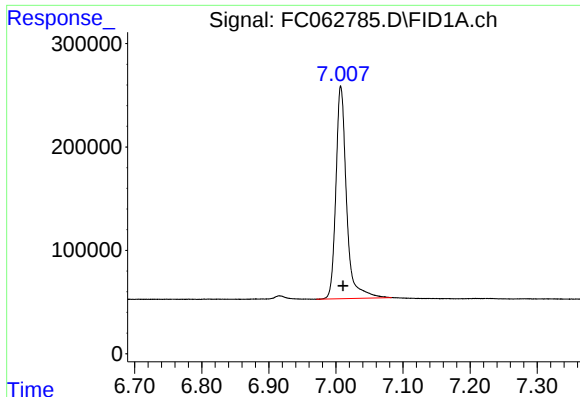
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2400943
Conc: 20.30 ug/ml



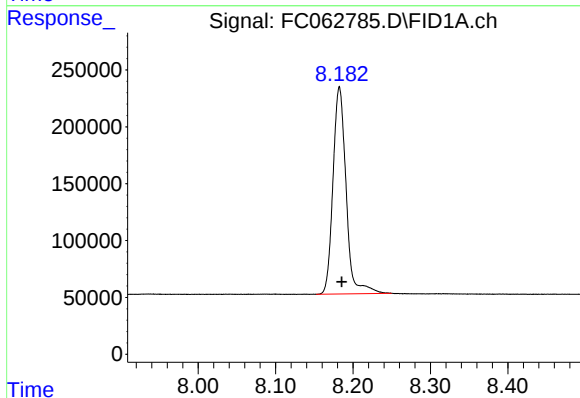
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.003 min
Response: 2079637
Conc: 20.12 ug/ml



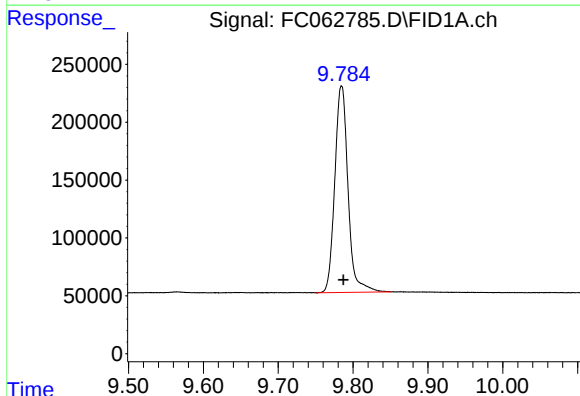
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.003 min
Response: 2266172
Conc: 20.71 ug/ml



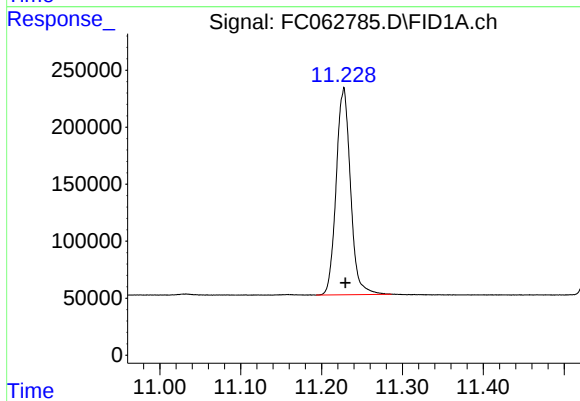
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 2143707
Conc: 20.90 ug/ml



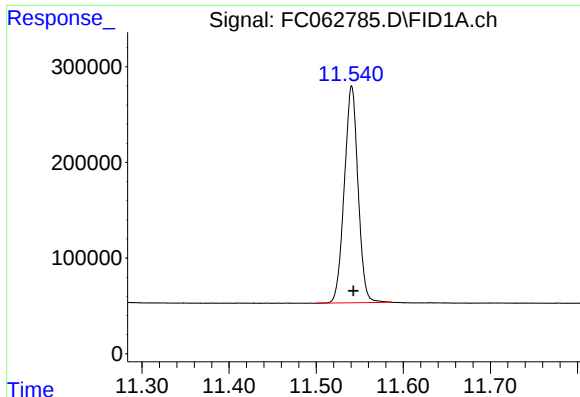
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.003 min
Response: 2192841
Conc: 20.27 ug/ml



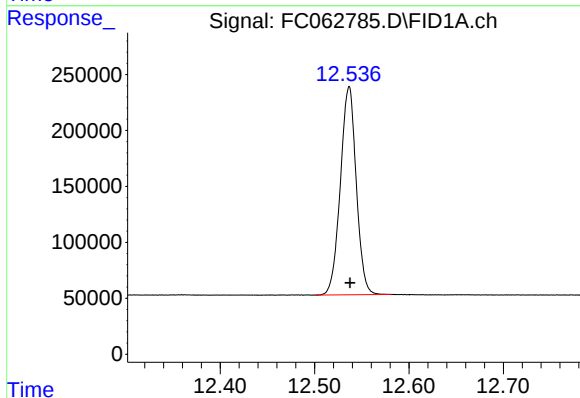
#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 2230006
Conc: 20.12 ug/ml



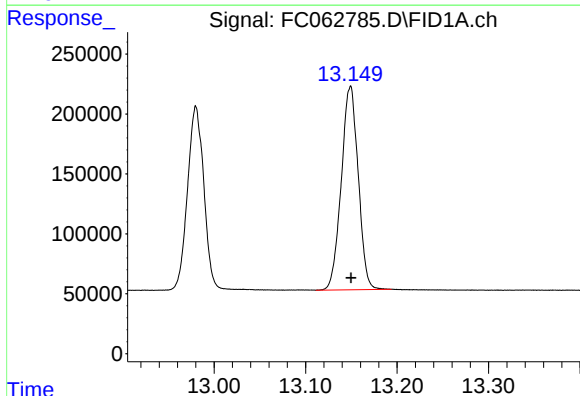
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 2480034
Conc: 19.94 ug/ml



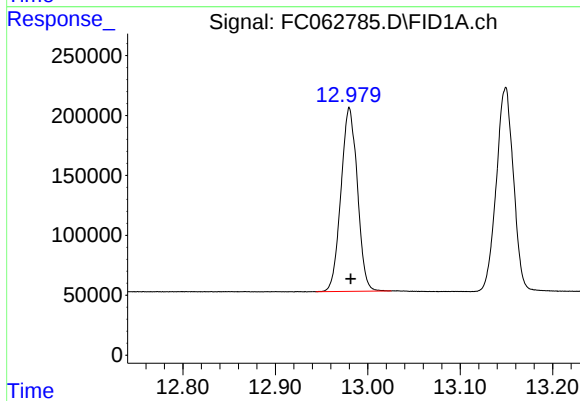
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: -0.001 min
Response: 2178405
Conc: 19.98 ug/ml



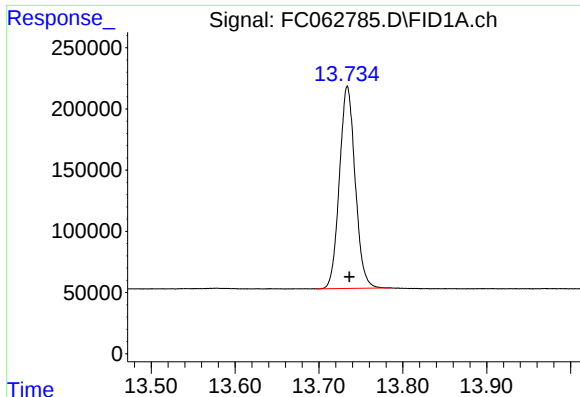
#11 n-Heneicosane (C21)

R.T.: 13.149 min
Delta R.T.: 0.000 min
Response: 2185153
Conc: 20.08 ug/ml



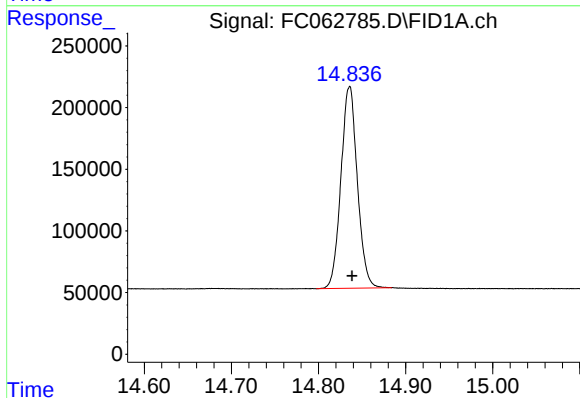
#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: -0.001 min
Response: 1890045
Conc: 20.04 ug/ml



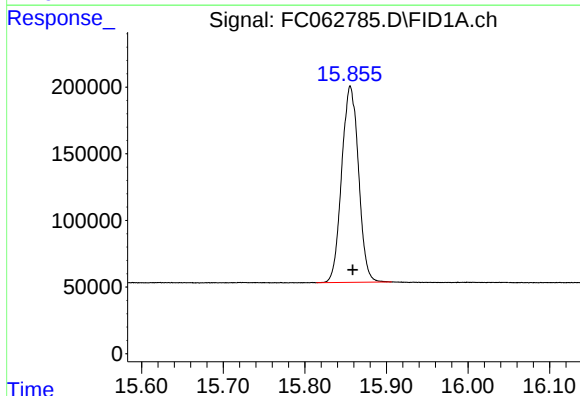
#13 n-Docosane (C22)

R.T.: 13.734 min
Delta R.T.: -0.003 min
Response: 2155549
Conc: 20.01 ug/ml



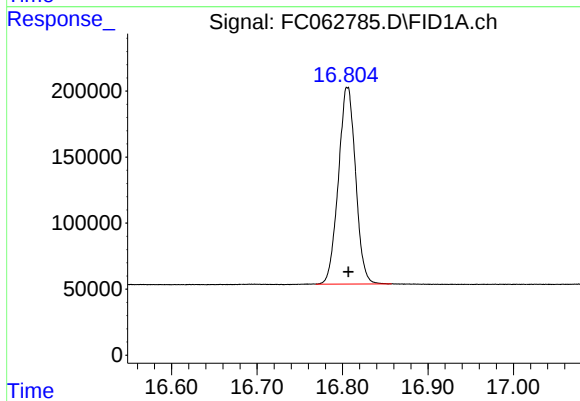
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.003 min
Response: 2143183
Conc: 20.01 ug/ml



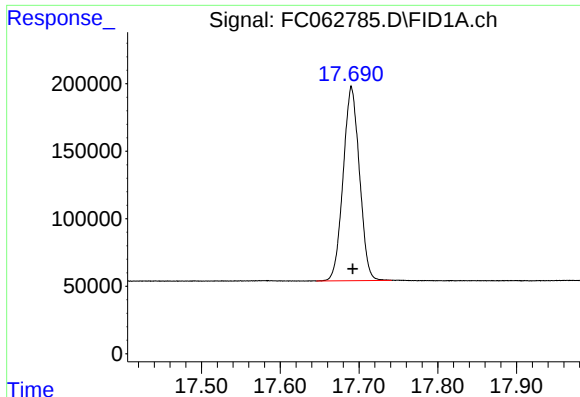
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.003 min
Response: 2112327
Conc: 20.04 ug/ml



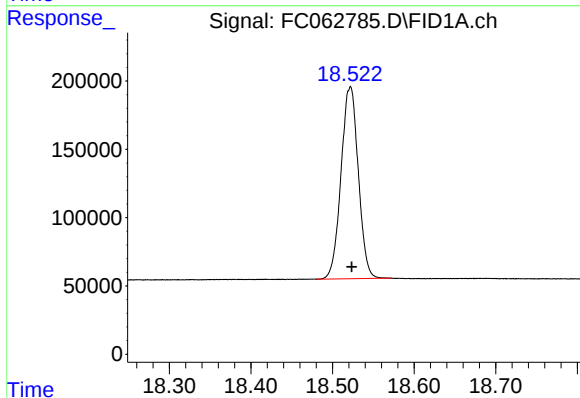
#16 n-Octacosane (C28)

R.T.: 16.806 min
Delta R.T.: -0.001 min
Response: 2085128
Conc: 19.96 ug/ml



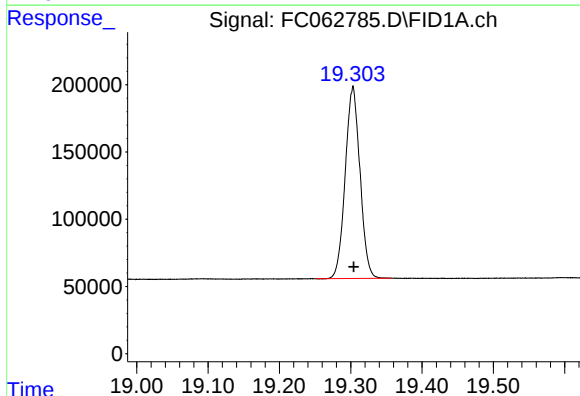
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.001 min
Response: 2065839
Conc: 19.78 ug/ml



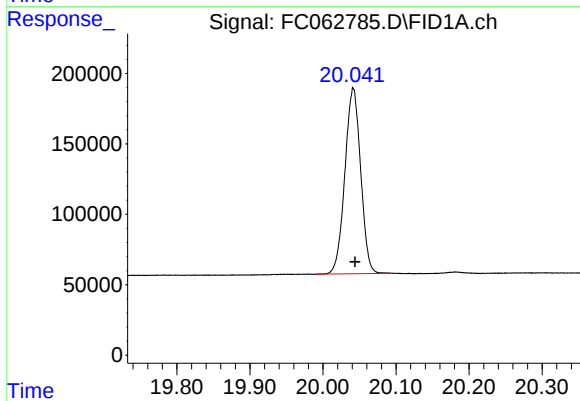
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.002 min
Response: 2069309
Conc: 19.16 ug/ml



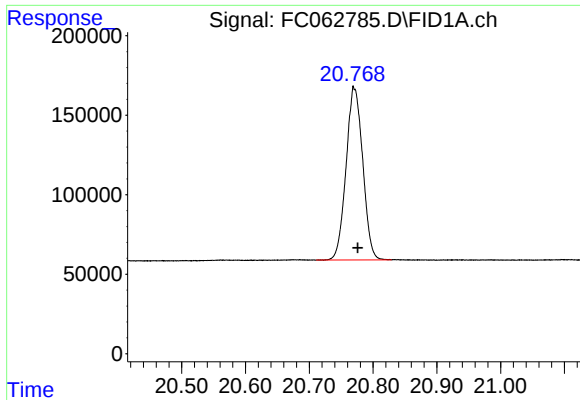
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.001 min
Response: 2051006
Conc: 19.51 ug/ml



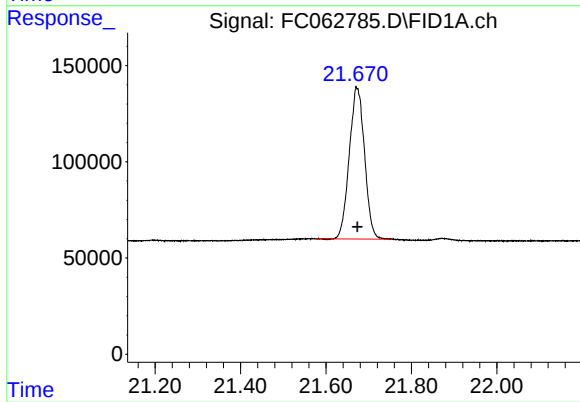
#20 n-Hexatriacontane (C36)

R.T.: 20.042 min
Delta R.T.: -0.002 min
Response: 1976844
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.006 min
Response: 1970329
Conc: 19.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.671 min
Delta R.T.: -0.003 min
Response: 1952395
Conc: 20.26 ug/ml