

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022323AL\
 Data File : FC062992.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2023 11:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 11:56:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.538	2584697	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	12.977	1970335	20.199 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T n-Nonane (C9)	3.297	2387633	20.139 ug/ml
2) T n-Decane (C10)	4.365	2333588	20.237 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2603504	20.357 ug/ml
4) T n-Dodecane (C12)	6.385	2333400	20.207 ug/ml
5) T A~2-methylnaphthalene...	7.007	2419686	20.557 ug/ml
6) T n-Tetradecane (C14)	8.181	2292805	20.287 ug/ml
7) T n-Hexadecane (C16)	9.782	2328796	20.244 ug/ml
8) T n-Octadecane (C18)	11.224	2345048	20.134 ug/ml
10) T n-Eicosane (C20)	12.533	2282733	20.034 ug/ml
11) T n-Heneicosane (C21)	13.144	2288860	20.084 ug/ml
13) T n-Docosane (C22)	13.730	2260432	20.042 ug/ml
14) T n-Tetracosane (C24)	14.831	2250757	20.085 ug/ml
15) T n-Hexacosane (C26)	15.853	2224082	20.111 ug/ml
16) T n-Octacosane (C28)	16.801	2219242	20.169 ug/ml
17) T n-Tricontane (C30)	17.688	2238735	20.329 ug/ml
18) T n-Dotriacontane (C32)	18.519	2275558	20.389 ug/ml
19) T n-Tetratriacontane (C34)	19.301	2270469	20.315 ug/ml
20) T n-Hexatriacontane (C36)	20.039	2162769	19.923 ug/ml
21) T n-Octatriacontane (C38)	20.768	2241871	20.631 ug/ml
22) T n-Tetracontane (C40)	21.669	2258542	20.760 ug/ml

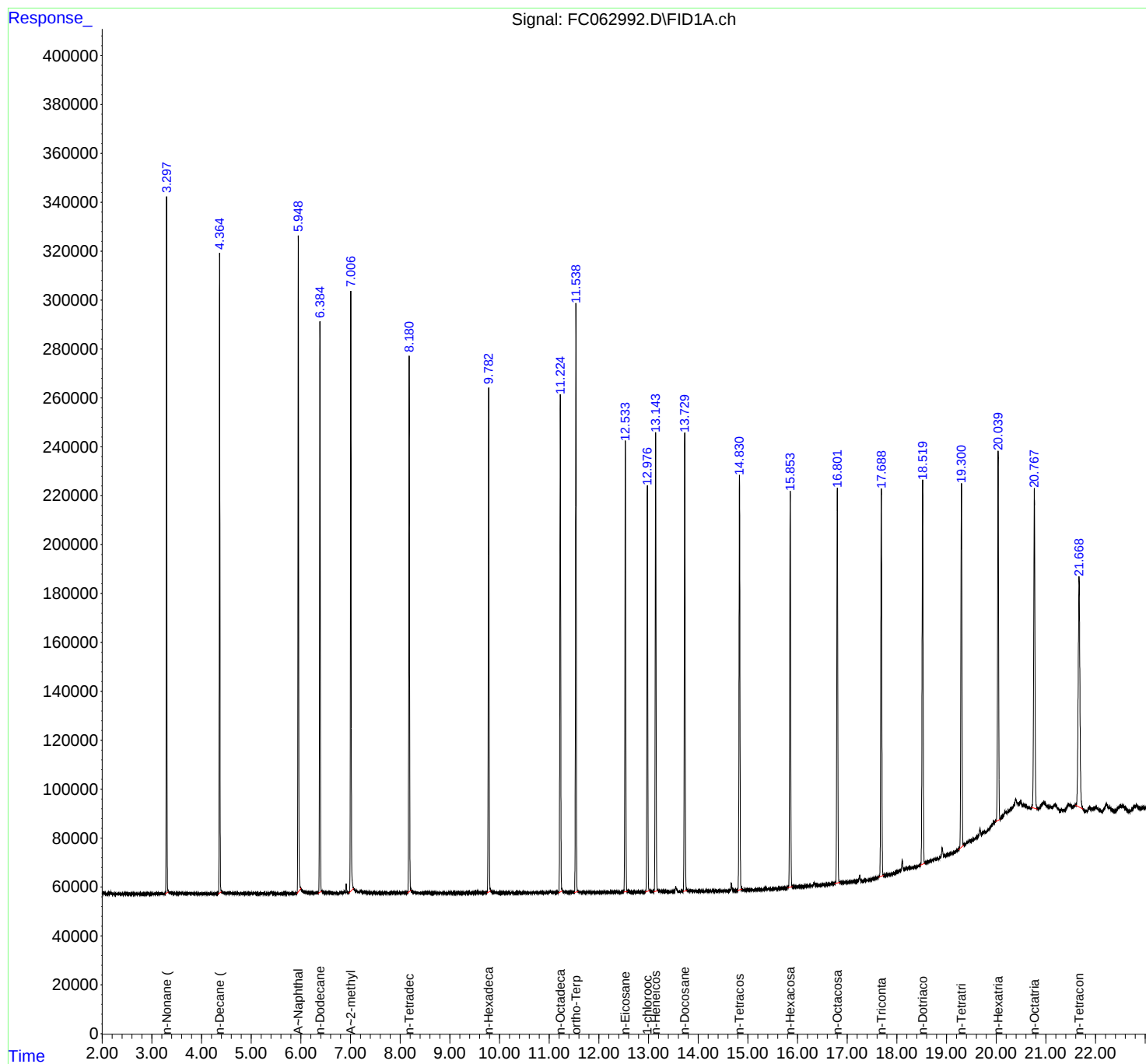
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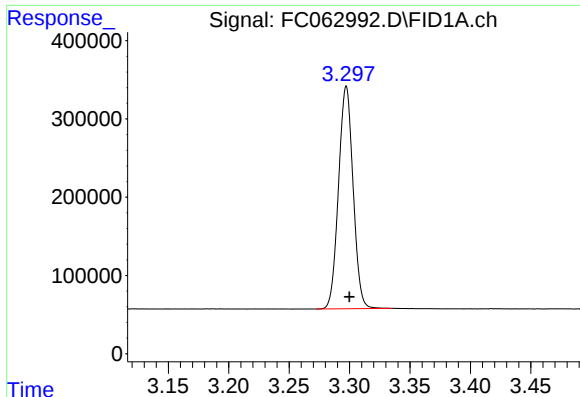
(m)=manual int.

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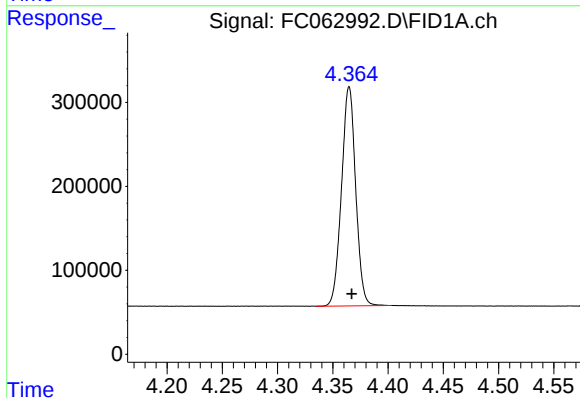
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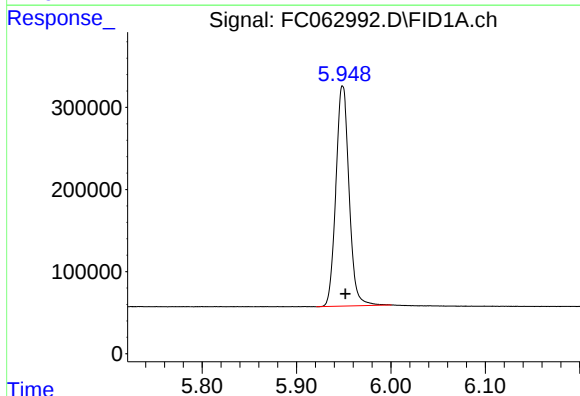
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 2387633
Conc: 20.14 ug/ml



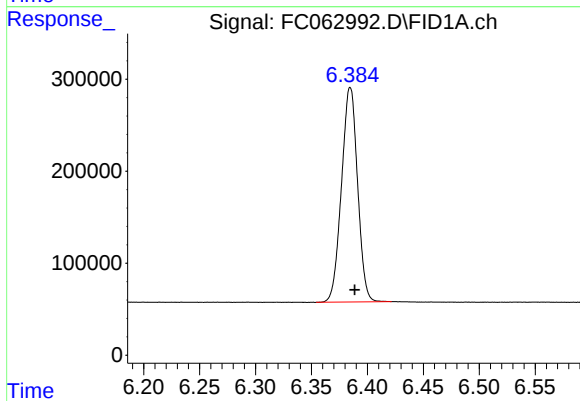
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 2333588
Conc: 20.24 ug/ml



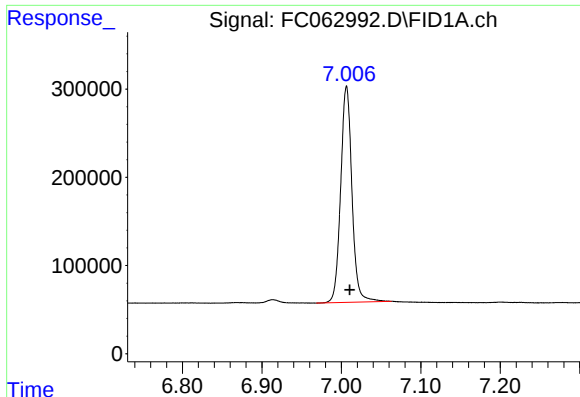
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 2603504
Conc: 20.36 ug/ml



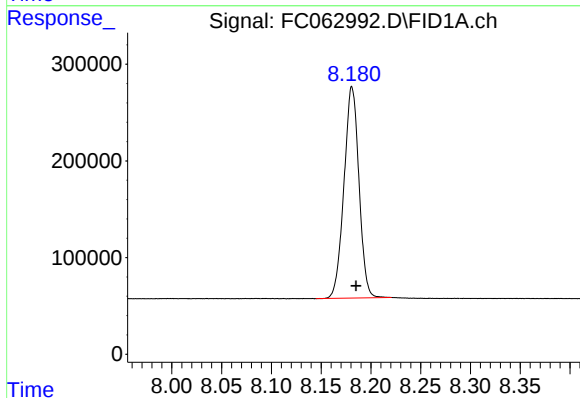
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2333400
Conc: 20.21 ug/ml



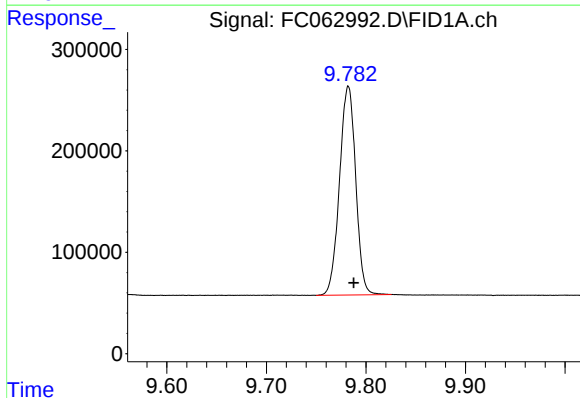
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 2419686
Conc: 20.56 ug/ml



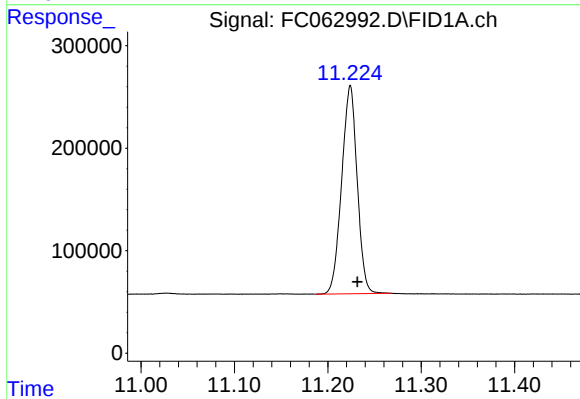
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 2292805
Conc: 20.29 ug/ml



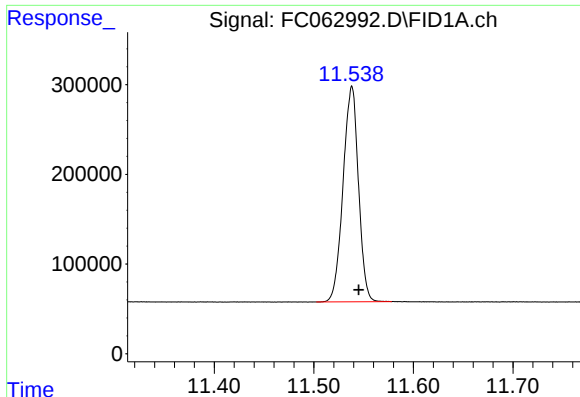
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.005 min
Response: 2328796
Conc: 20.24 ug/ml



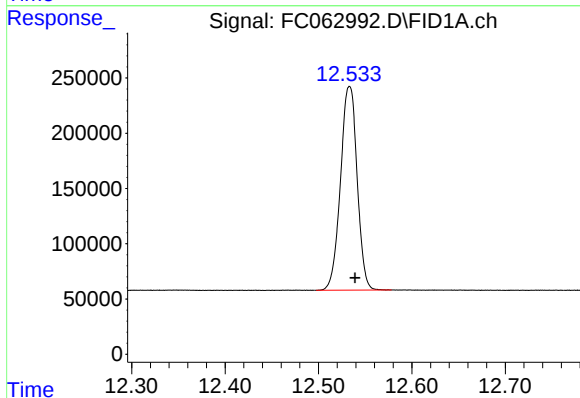
#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: -0.007 min
Response: 2345048
Conc: 20.13 ug/ml



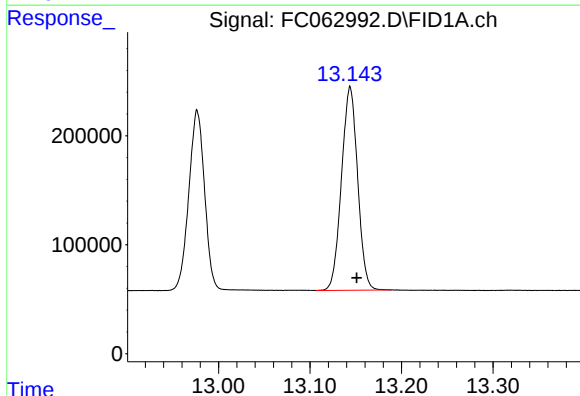
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.007 min
Response: 2584697
Conc: 19.91 ug/ml



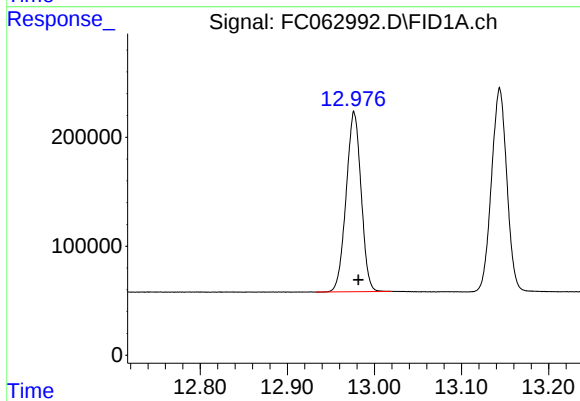
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.006 min
Response: 2282733
Conc: 20.03 ug/ml



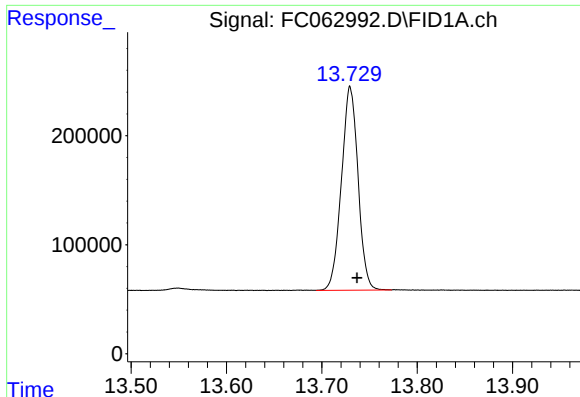
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 2288860
Conc: 20.08 ug/ml



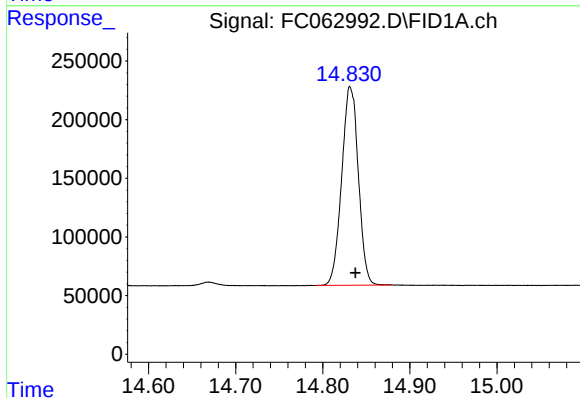
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: -0.005 min
Response: 1970335
Conc: 20.20 ug/ml



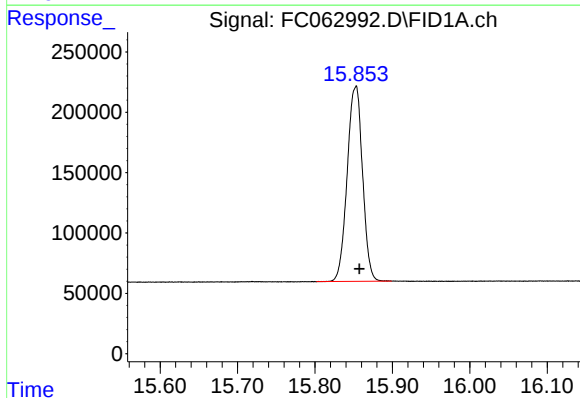
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 2260432
Conc: 20.04 ug/ml



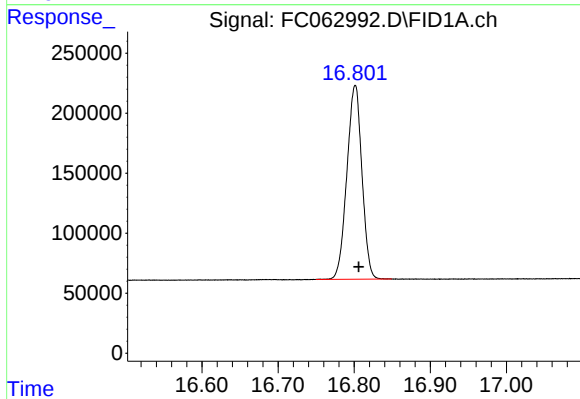
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.006 min
Response: 2250757
Conc: 20.08 ug/ml



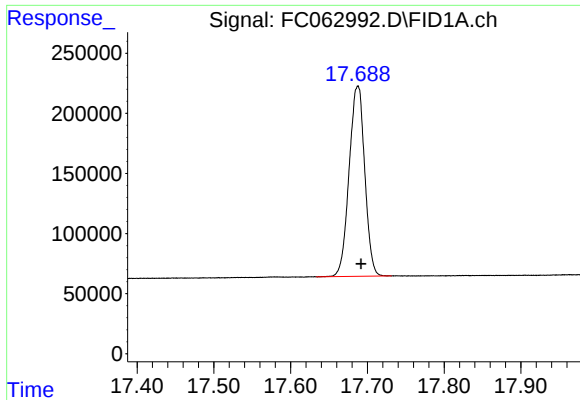
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.005 min
Response: 2224082
Conc: 20.11 ug/ml



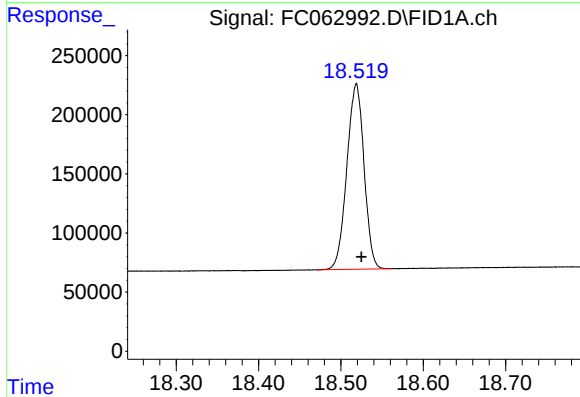
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.005 min
Response: 2219242
Conc: 20.17 ug/ml



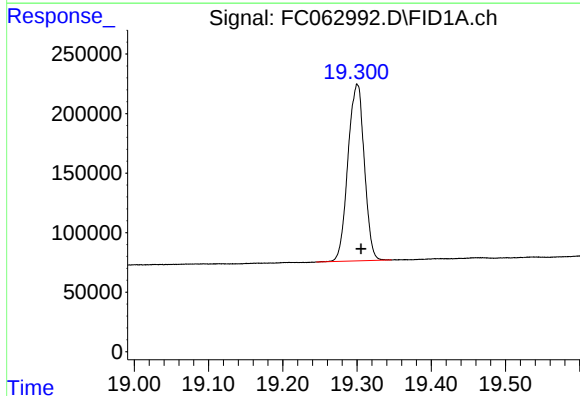
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.004 min
Response: 2238735
Conc: 20.33 ug/ml



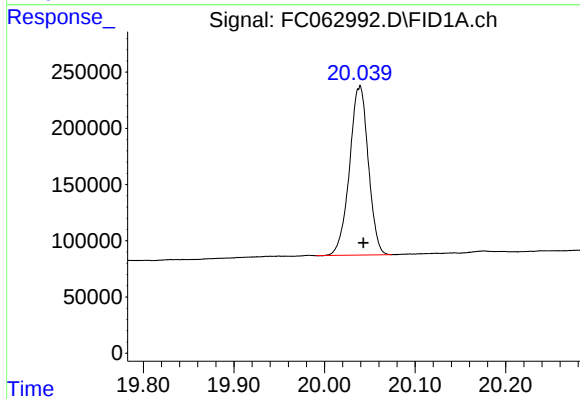
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.006 min
Response: 2275558
Conc: 20.39 ug/ml



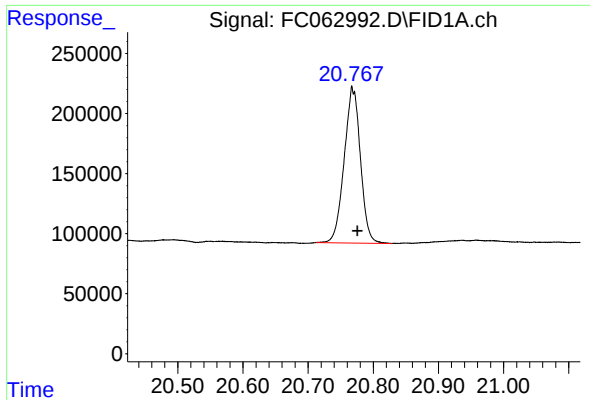
#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.005 min
Response: 2270469
Conc: 20.31 ug/ml



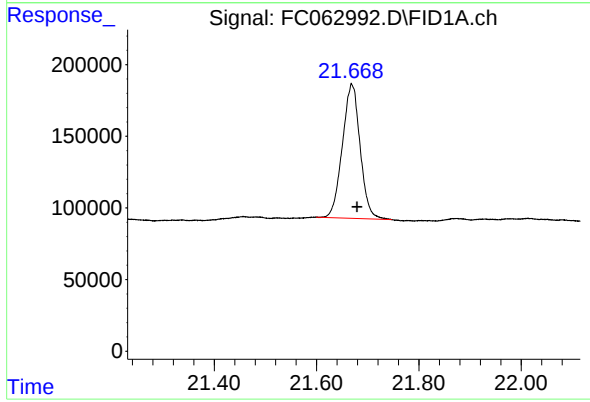
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: -0.004 min
Response: 2162769
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: -0.008 min
Response: 2241871
Conc: 20.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.010 min
Response: 2258542
Conc: 20.76 ug/ml