

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101723AL\
 Data File : FC064848.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2023 08:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 01:26:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.518	4879947	22.855 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
12) S 1-chlorooctadecane (S...	12.949	3475872	23.181 ug/ml
Spiked Amount 50.000		Recovery =	46.36%
Target Compounds			
1) T n-Nonane (C9)	3.317	4346334	23.664 ug/ml
2) T n-Decane (C10)	4.377	4411059	24.114 ug/ml
3) T A~Naphthalene (C11.7)	5.955	4530001	23.884 ug/ml
4) T n-Dodecane (C12)	6.386	4433219	23.784 ug/ml
5) T A~2-methylnaphthalene...	7.009	4285643	24.472 ug/ml
6) T n-Tetradecane (C14)	8.174	4291611	23.896 ug/ml
7) T n-Hexadecane (C16)	9.769	4220313	23.725 ug/ml
8) T n-Octadecane (C18)	11.204	4151233	23.134 ug/ml
10) T n-Eicosane (C20)	12.508	3930089	22.824 ug/ml
11) T n-Heneicosane (C21)	13.116	3838773	22.667 ug/ml
13) T n-Docosane (C22)	13.700	3749470	22.756 ug/ml
14) T n-Tetracosane (C24)	14.798	3626639	22.786 ug/ml
15) T n-Hexacosane (C26)	15.816	3491891	22.795 ug/ml
16) T n-Octacosane (C28)	16.761	3390846	23.010 ug/ml
17) T n-Tricontane (C30)	17.645	3450289	23.582 ug/ml
18) T n-Dotriacontane (C32)	18.474	3414393	23.646 ug/ml
19) T n-Tetratriacontane (C34)	19.253	3285843	23.353 ug/ml
20) T n-Hexatriacontane (C36)	19.989	3201915	23.143 ug/ml
21) T n-Octatriacontane (C38)	20.711	3125022	23.591 ug/ml
22) T n-Tetracontane (C40)	21.591	3110116	24.851 ug/ml

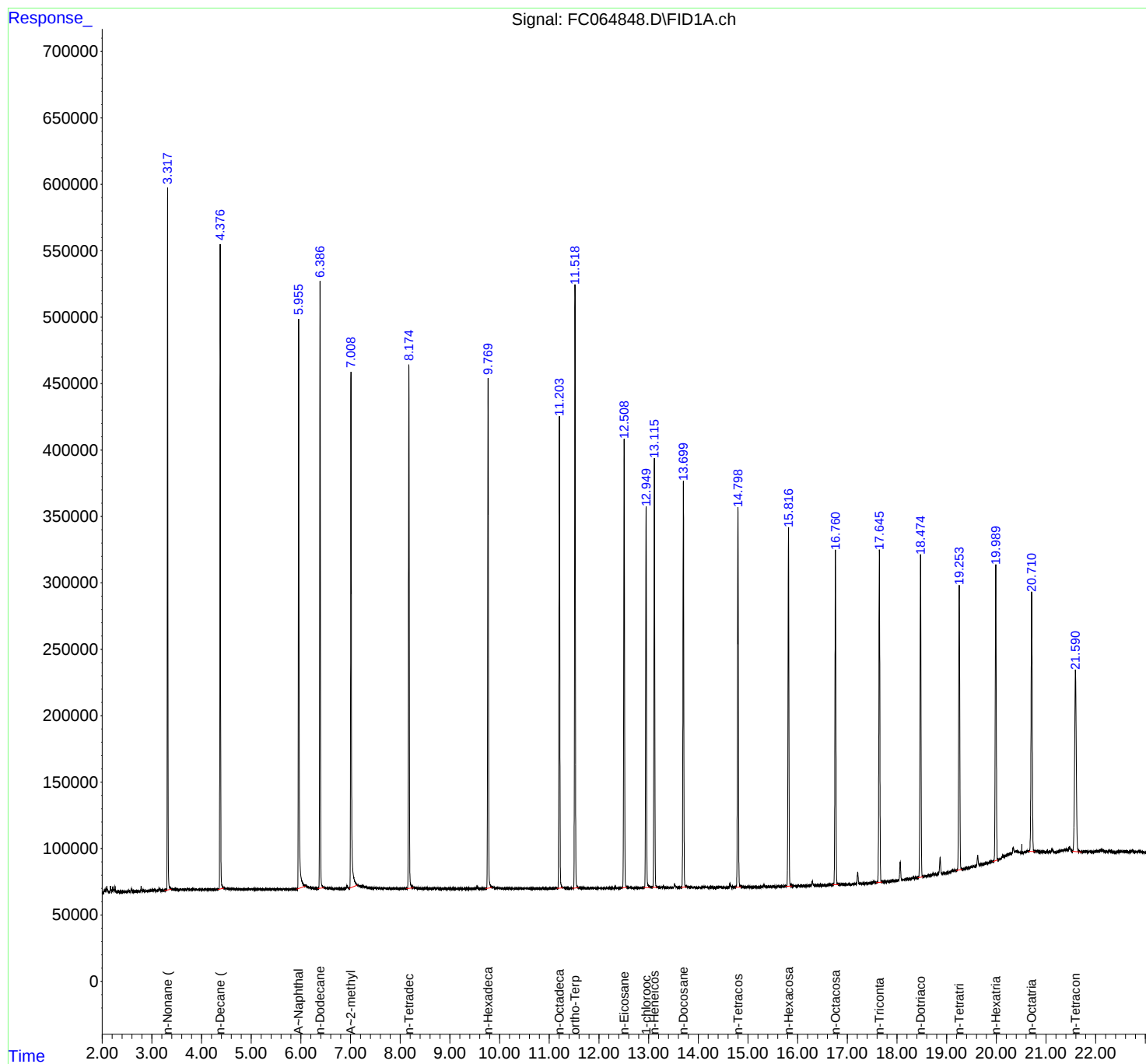
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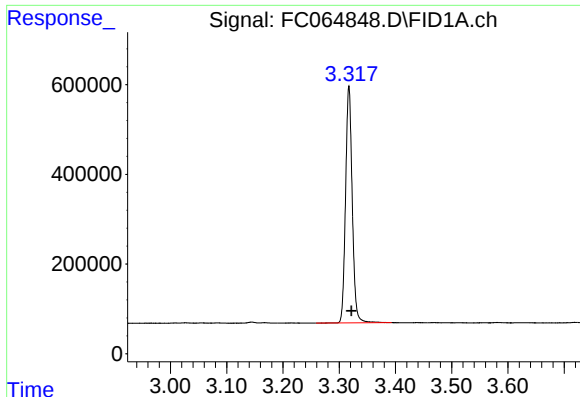
(m)=manual int.

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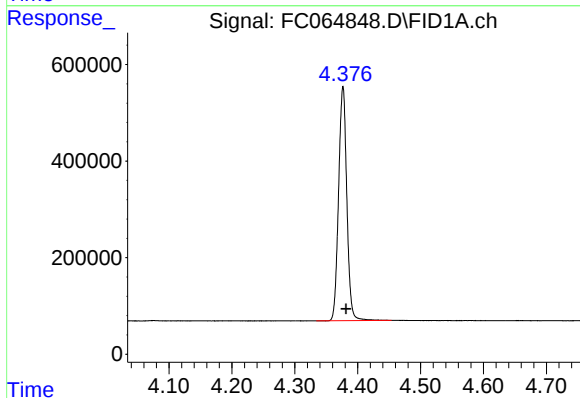
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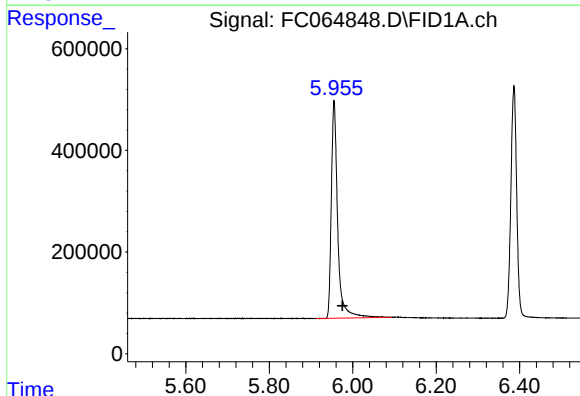
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.005 min
Response: 4346334
Conc: 23.66 ug/ml



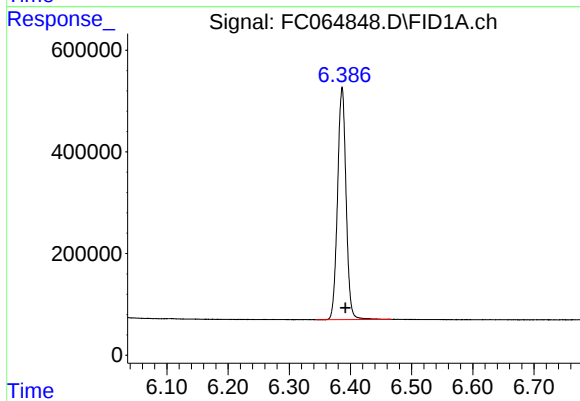
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.005 min
Response: 4411059
Conc: 24.11 ug/ml



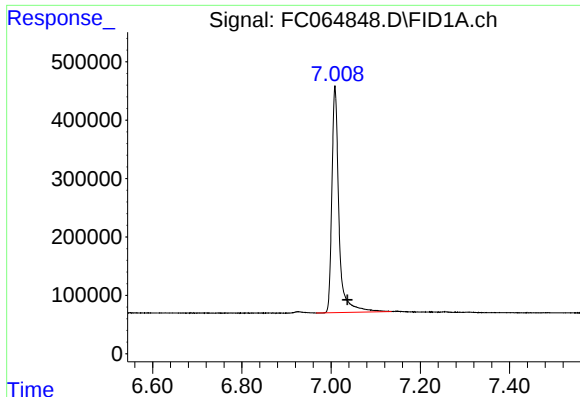
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 4530001
Conc: 23.88 ug/ml



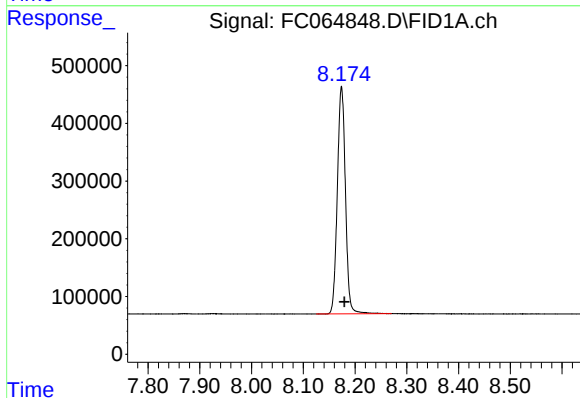
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 4433219
Conc: 23.78 ug/ml



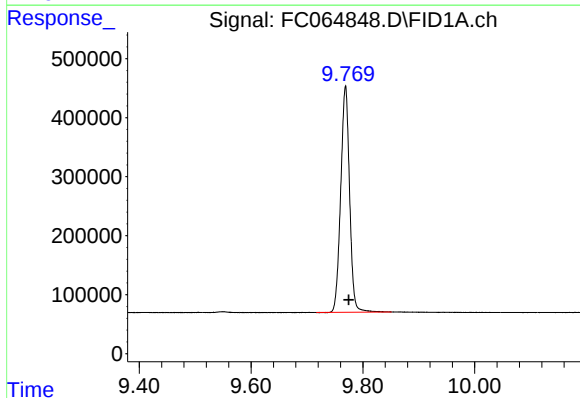
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.027 min
Response: 4285643
Conc: 24.47 ug/ml



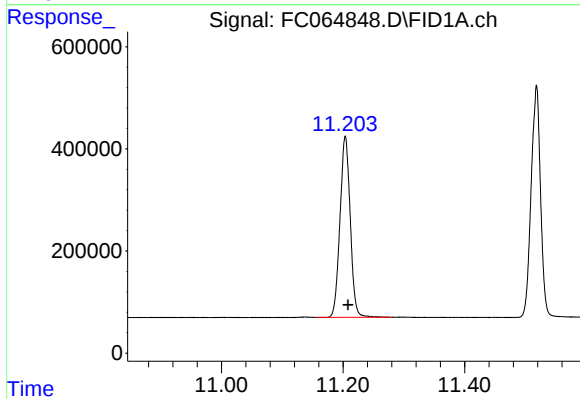
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.005 min
Response: 4291611
Conc: 23.90 ug/ml



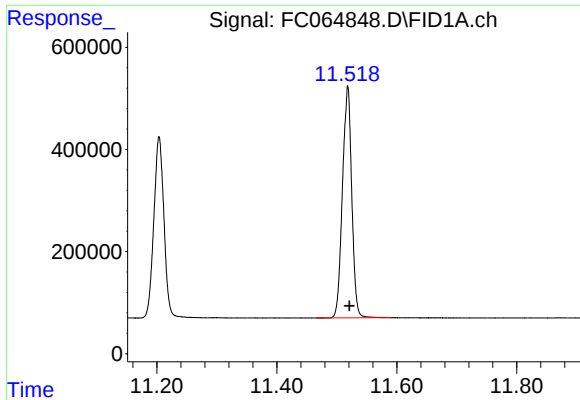
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.006 min
Response: 4220313
Conc: 23.73 ug/ml



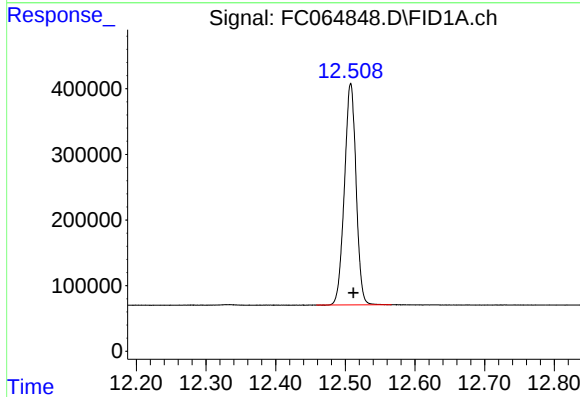
#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: -0.004 min
Response: 4151233
Conc: 23.13 ug/ml



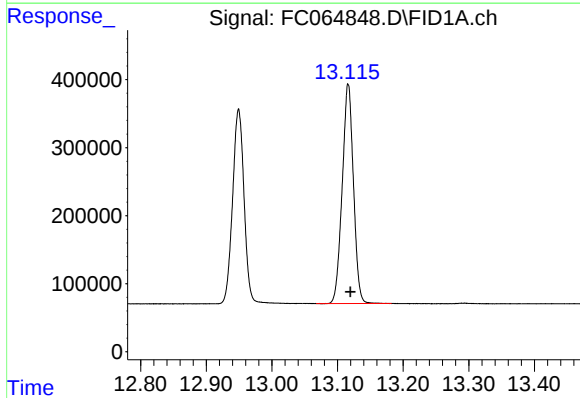
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 4879947
Conc: 22.86 ug/ml



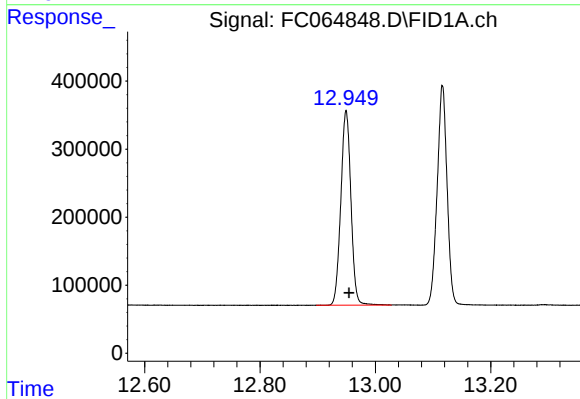
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.004 min
Response: 3930089
Conc: 22.82 ug/ml



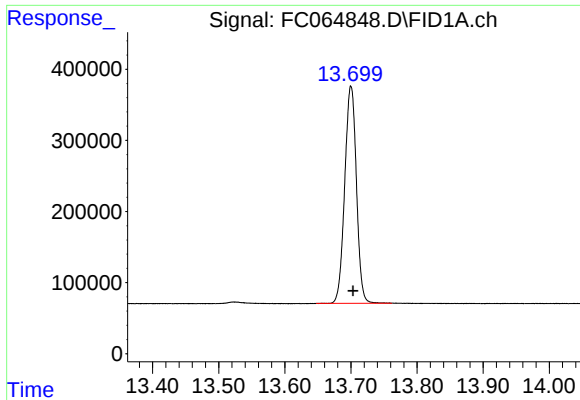
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: -0.003 min
Response: 3838773
Conc: 22.67 ug/ml



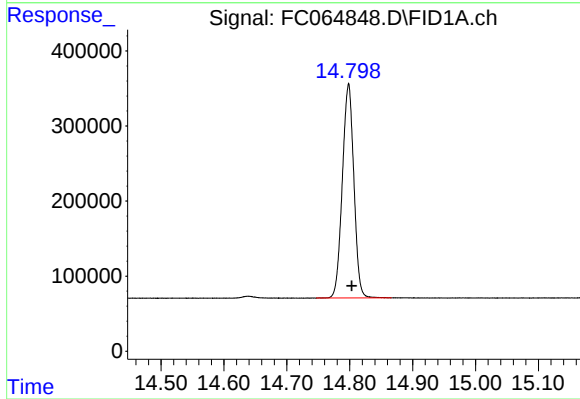
#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: -0.005 min
Response: 3475872
Conc: 23.18 ug/ml



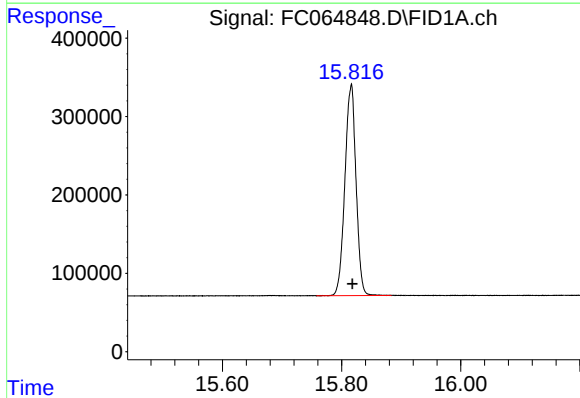
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: -0.003 min
Response: 3749470
Conc: 22.76 ug/ml



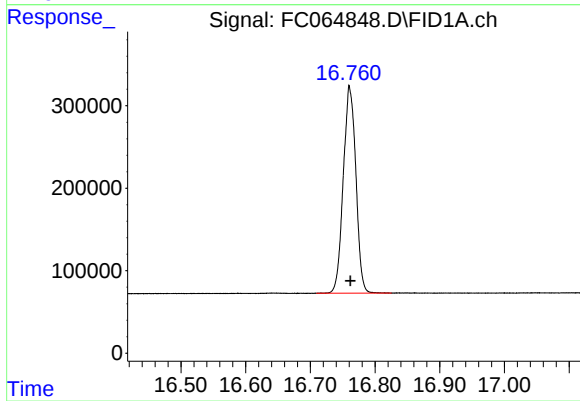
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 3626639
Conc: 22.79 ug/ml



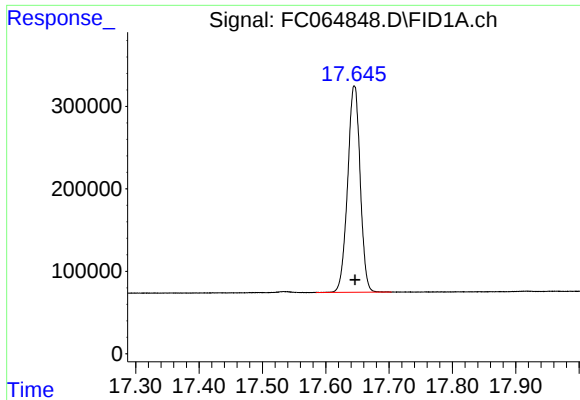
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.002 min
Response: 3491891
Conc: 22.80 ug/ml



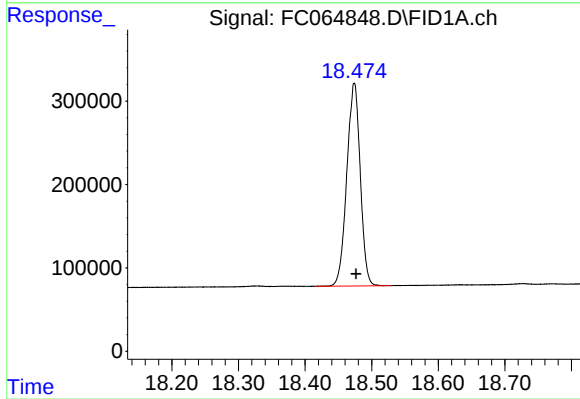
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: -0.001 min
Response: 3390846
Conc: 23.01 ug/ml



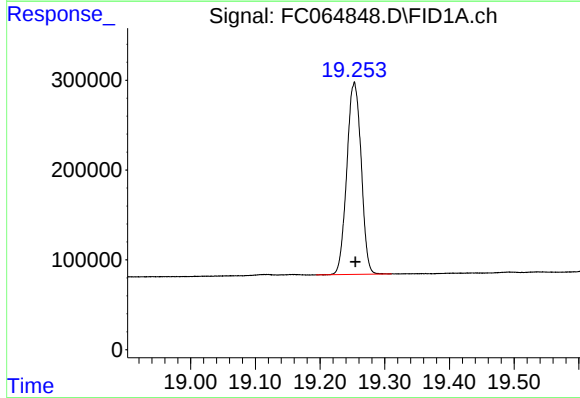
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.000 min
Response: 3450289
Conc: 23.58 ug/ml



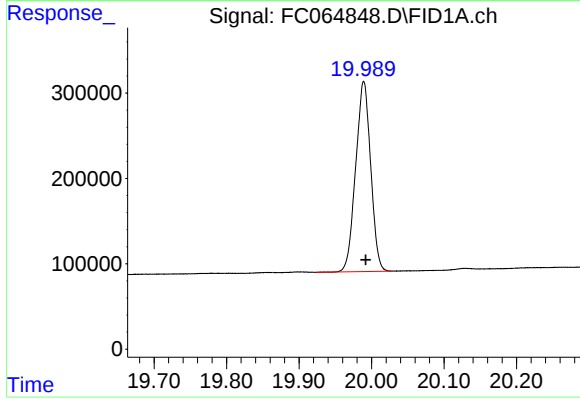
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.003 min
Response: 3414393
Conc: 23.65 ug/ml



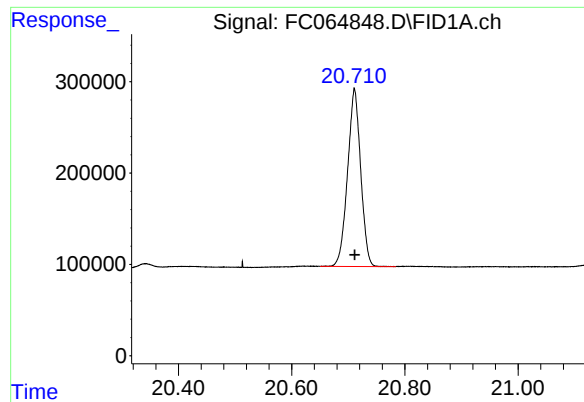
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.002 min
Response: 3285843
Conc: 23.35 ug/ml



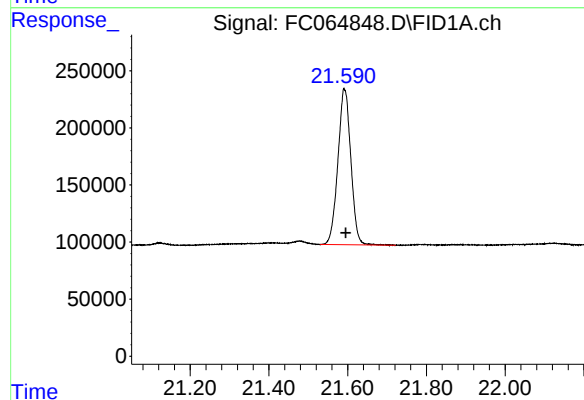
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: -0.003 min
Response: 3201915
Conc: 23.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.000 min
Response: 3125022
Conc: 23.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.005 min
Response: 3110116
Conc: 24.85 ug/ml