

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102323AL\
 Data File : FC064901.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2023 09:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 23 10:48:06 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)	11.521	4258572	19.945 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.953	3067130	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.316	3757451	20.458 ug/ml
2) T n-Decane (C10)	4.377	3785125	20.692 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3934894	20.747 ug/ml
4) T n-Dodecane (C12)	6.388	3822766	20.509 ug/ml
5) T A~2-methylnaphthalene...	7.011	3768382	21.518 ug/ml
6) T n-Tetradecane (C14)	8.176	3733424	20.788 ug/ml
7) T n-Hexadecane (C16)	9.770	3727552	20.955 ug/ml
8) T n-Octadecane (C18)	11.207	3679363	20.504 ug/ml
10) T n-Eicosane (C20)	12.510	3476432	20.189 ug/ml
11) T n-Heneicosane (C21)	13.119	3386995	19.999 ug/ml
13) T n-Docosane (C22)	13.702	3306590	20.068 ug/ml
14) T n-Tetracosane (C24)	14.801	3173468	19.939 ug/ml
15) T n-Hexacosane (C26)	15.818	3045273	19.880 ug/ml
16) T n-Octacosane (C28)	16.764	2933797	19.908 ug/ml
17) T n-Tricontane (C30)	17.648	2922499	19.974 ug/ml
18) T n-Dotriacontane (C32)	18.477	2887503	19.997 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2824006	20.071 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2836038	20.499 ug/mlm
21) T n-Octatriacontane (C38)	20.718	2784894	21.024 ug/ml
22) T n-Tetracontane (C40)	21.598	2789597	22.290 ug/ml

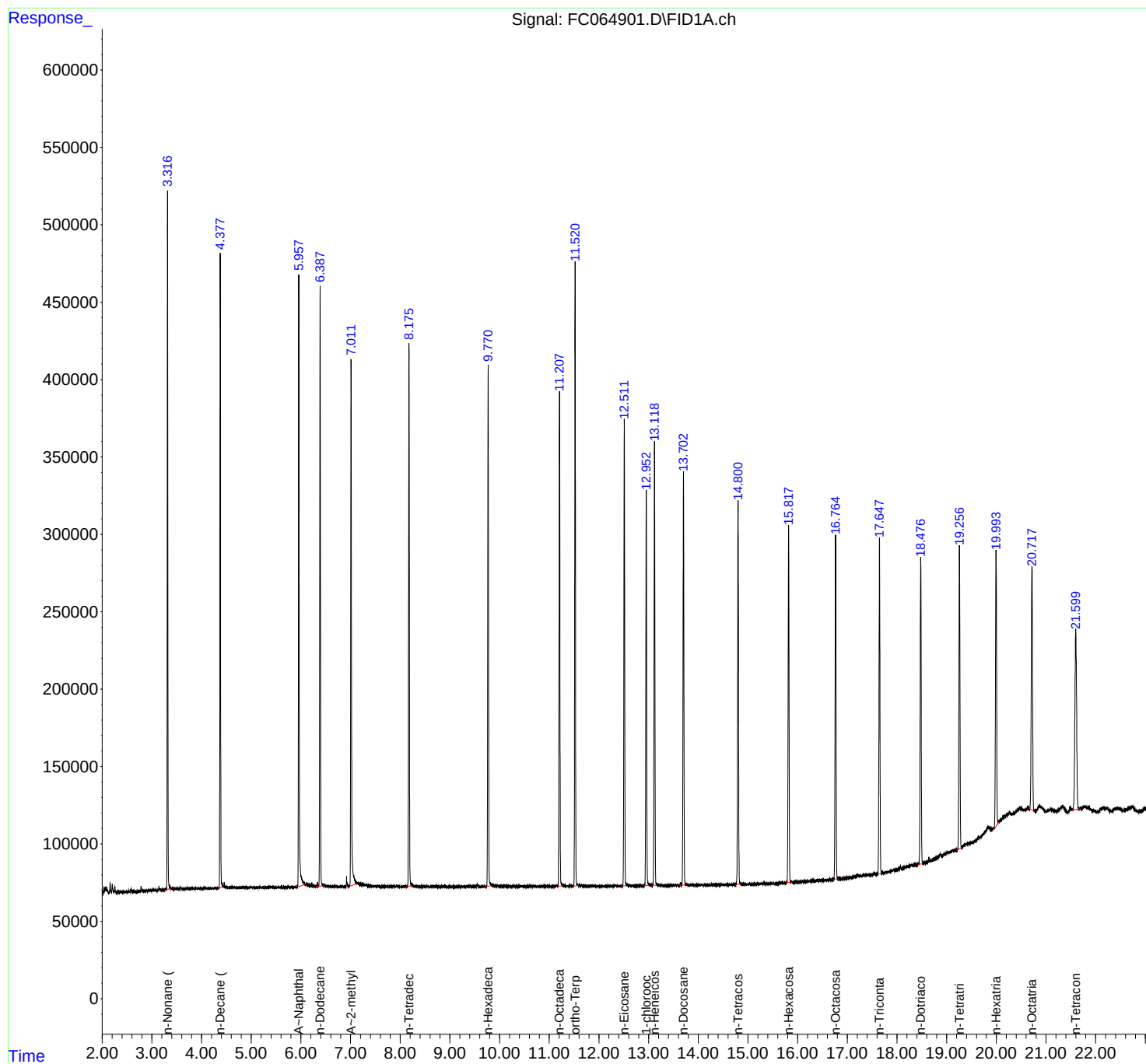
(f)=RT Delta > 1/2 Window

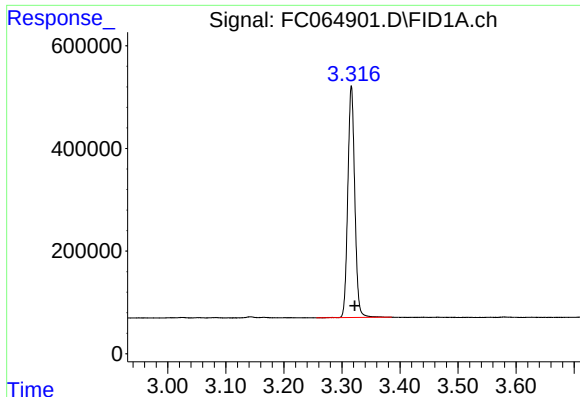
(m)=manual int.

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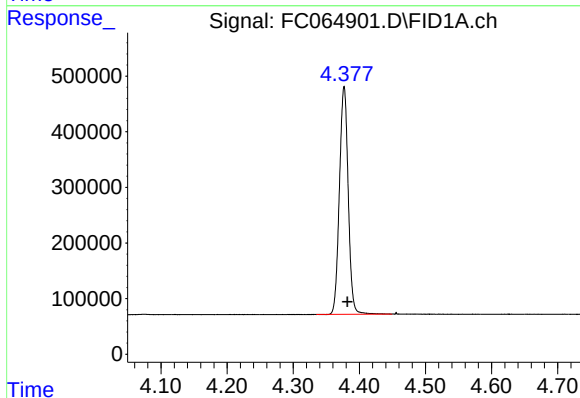
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





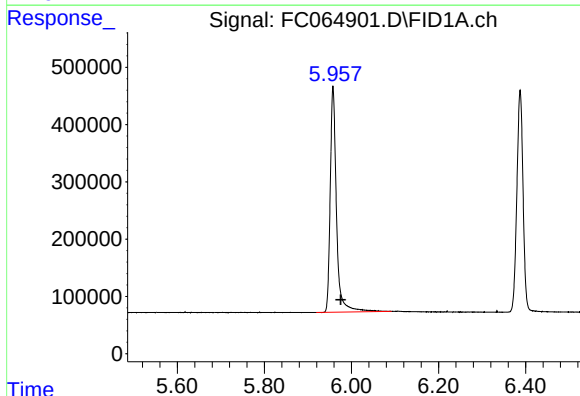
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: -0.006 min
Response: 3757451
Conc: 20.46 ug/ml



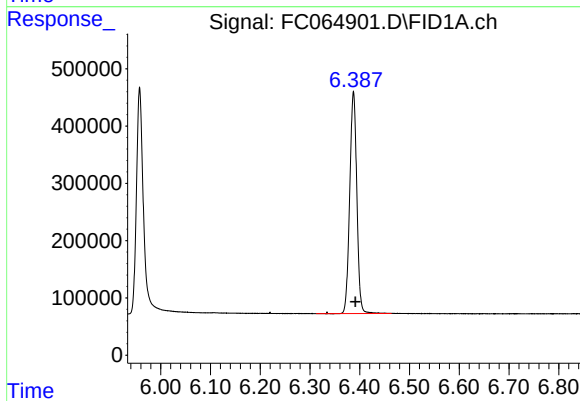
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.005 min
Response: 3785125
Conc: 20.69 ug/ml



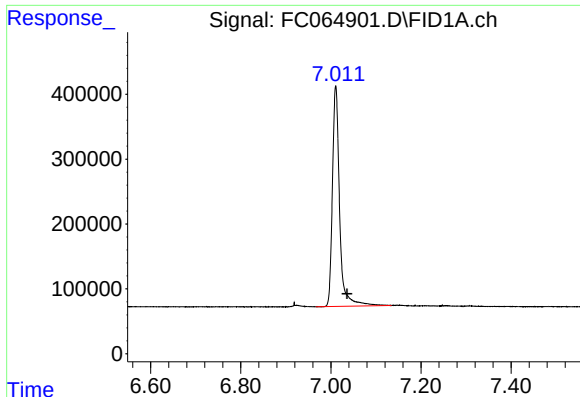
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.018 min
Response: 3934894
Conc: 20.75 ug/ml



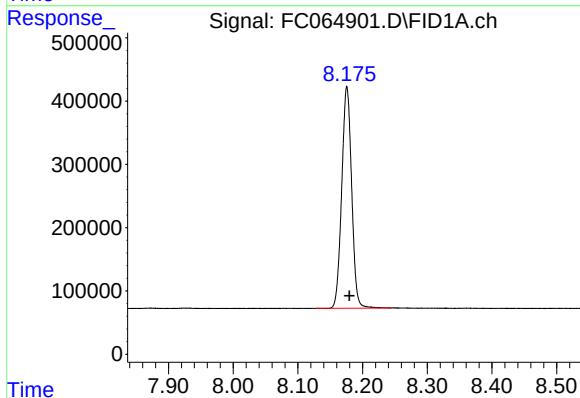
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 3822766
Conc: 20.51 ug/ml



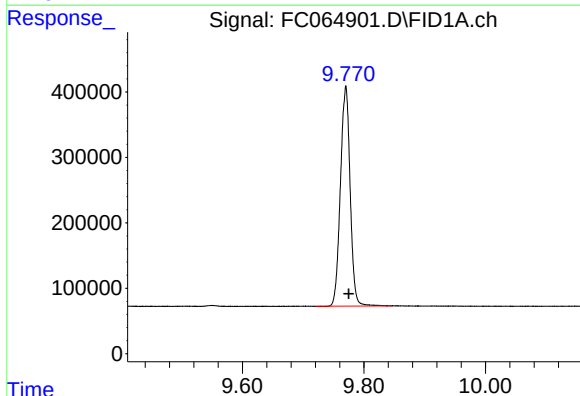
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.025 min
Response: 3768382
Conc: 21.52 ug/ml



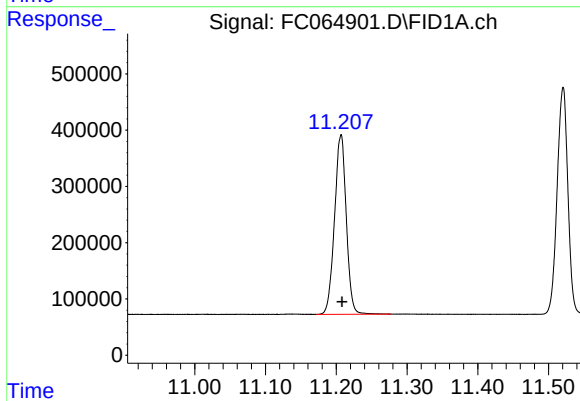
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 3733424
Conc: 20.79 ug/ml



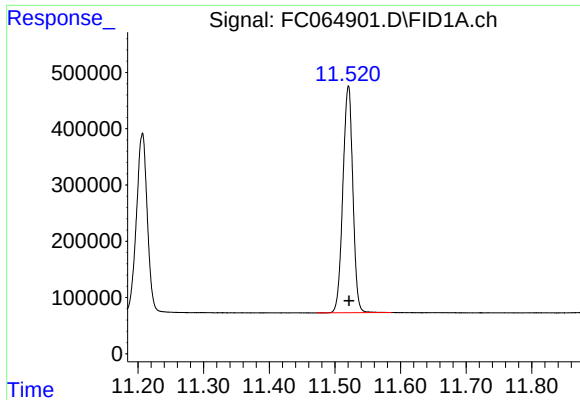
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.004 min
Response: 3727552
Conc: 20.96 ug/ml



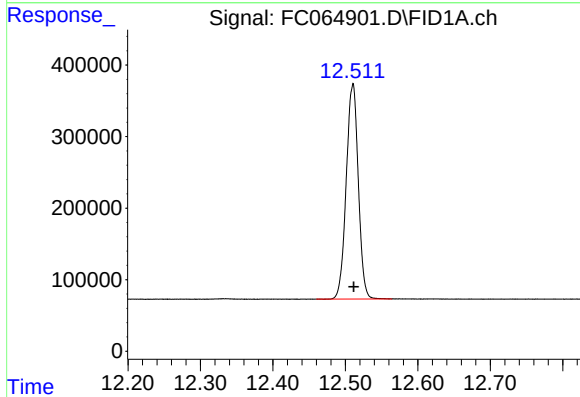
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 3679363
Conc: 20.50 ug/ml



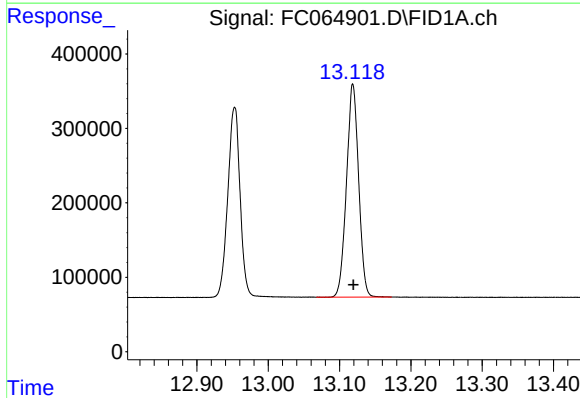
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 4258572
Conc: 19.94 ug/ml



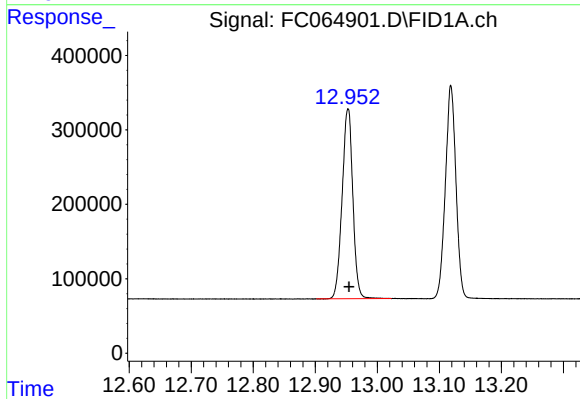
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.001 min
Response: 3476432
Conc: 20.19 ug/ml



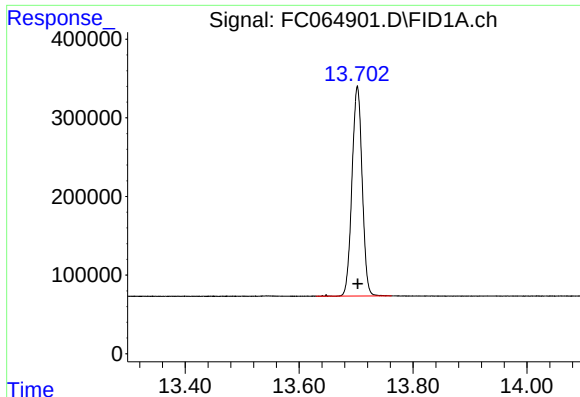
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.001 min
Response: 3386995
Conc: 20.00 ug/ml



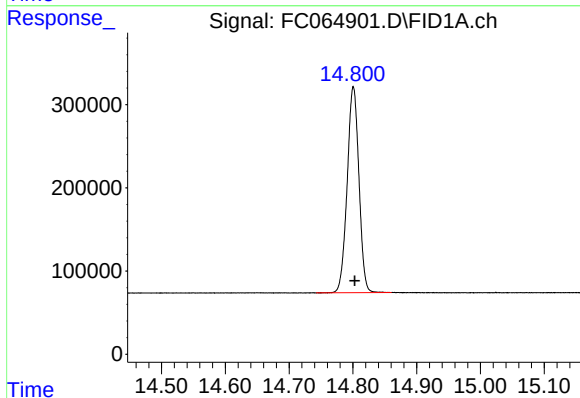
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3067130
Conc: 20.46 ug/ml



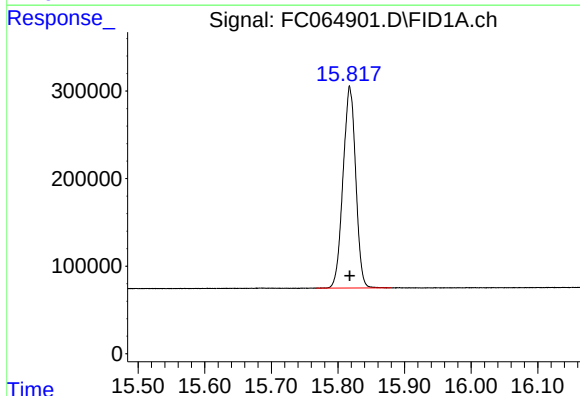
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 3306590
Conc: 20.07 ug/ml



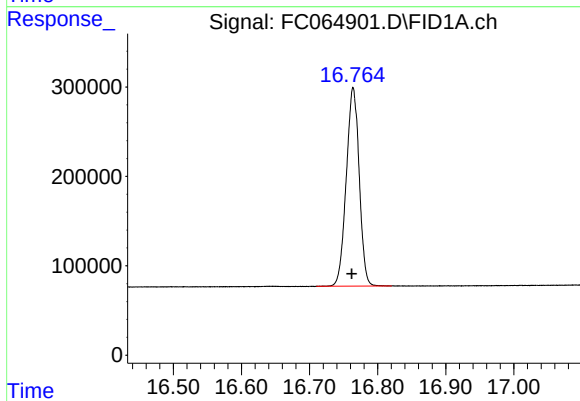
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 3173468
Conc: 19.94 ug/ml



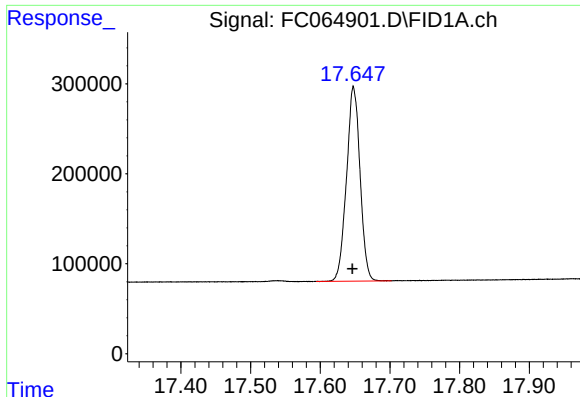
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 3045273
Conc: 19.88 ug/ml



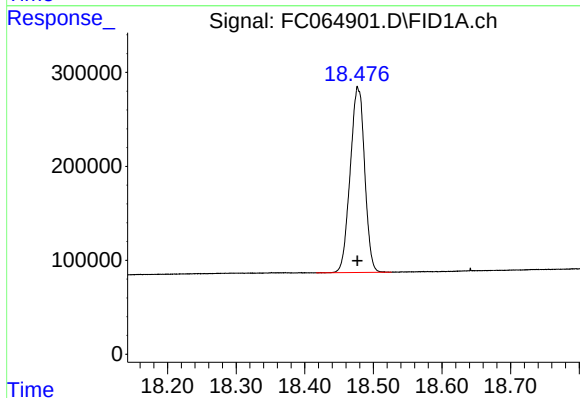
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2933797
Conc: 19.91 ug/ml



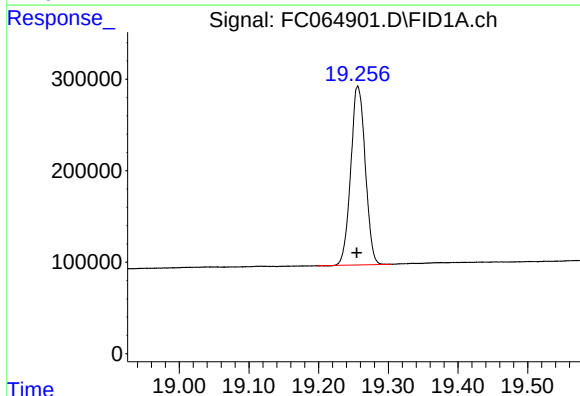
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: 0.001 min
Response: 2922499
Conc: 19.97 ug/ml



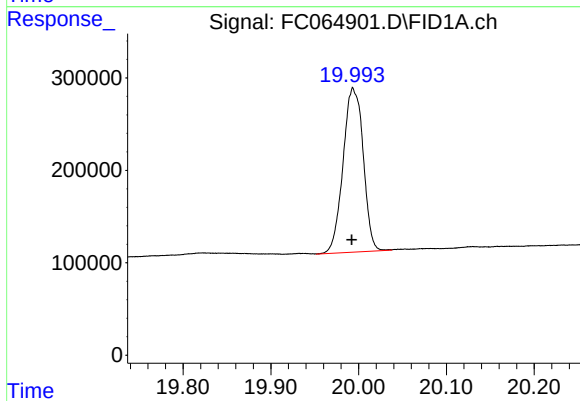
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2887503
Conc: 20.00 ug/ml



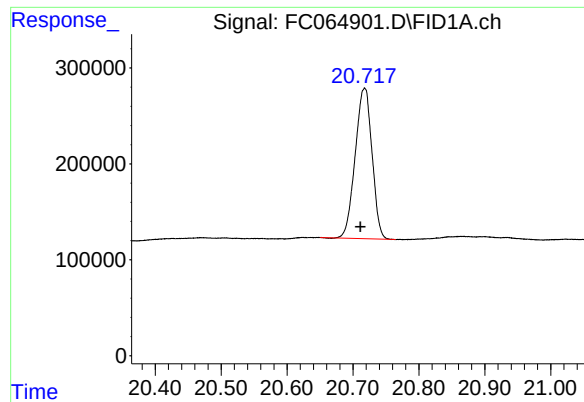
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.002 min
Response: 2824006
Conc: 20.07 ug/ml



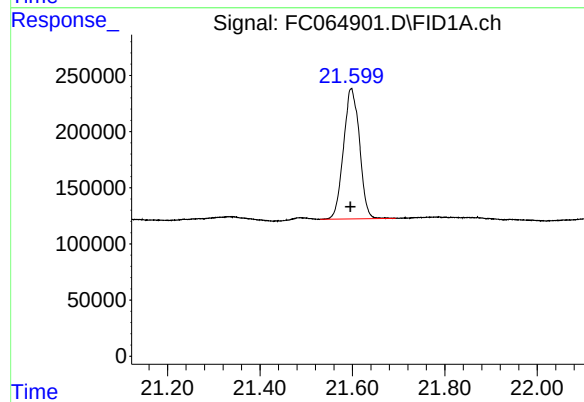
#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: 0.000 min
Response: 2836038
Conc: 20.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.006 min
Response: 2784894
Conc: 21.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.002 min
Response: 2789597
Conc: 22.29 ug/ml