

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102023AL\
 Data File : FC064883.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2023 08:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 20 10:08:19 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)	11.524	3983546	18.657 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.957	2889362	19.270 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	3.319	3422892	18.636 ug/ml
2) T n-Decane (C10)	4.380	3529329	19.294 ug/ml
3) T A~Naphthalene (C11.7)	5.961	3661998	19.308 ug/ml
4) T n-Dodecane (C12)	6.391	3569019	19.148 ug/ml
5) T A~2-methylnaphthalene...	7.015	3514484	20.068 ug/ml
6) T n-Tetradecane (C14)	8.180	3491906	19.443 ug/ml
7) T n-Hexadecane (C16)	9.774	3477925	19.552 ug/ml
8) T n-Octadecane (C18)	11.211	3423433	19.078 ug/ml
10) T n-Eicosane (C20)	12.515	3255250	18.905 ug/ml
11) T n-Heneicosane (C21)	13.124	3177654	18.763 ug/ml
13) T n-Docosane (C22)	13.708	3120393	18.938 ug/ml
14) T n-Tetracosane (C24)	14.806	3028728	19.029 ug/ml
15) T n-Hexacosane (C26)	15.824	2938312	19.181 ug/ml
16) T n-Octacosane (C28)	16.771	2929384	19.878 ug/ml
17) T n-Tricontane (C30)	17.656	3104519	21.218 ug/ml
18) T n-Dotriacontane (C32)	18.486	3153061	21.837 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2988531	21.240 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2866097	20.716 ug/mlm
21) T n-Octatriacontane (C38)	20.728	2770109	20.912 ug/ml
22) T n-Tetracontane (C40)	21.616	2696243	21.544 ug/ml

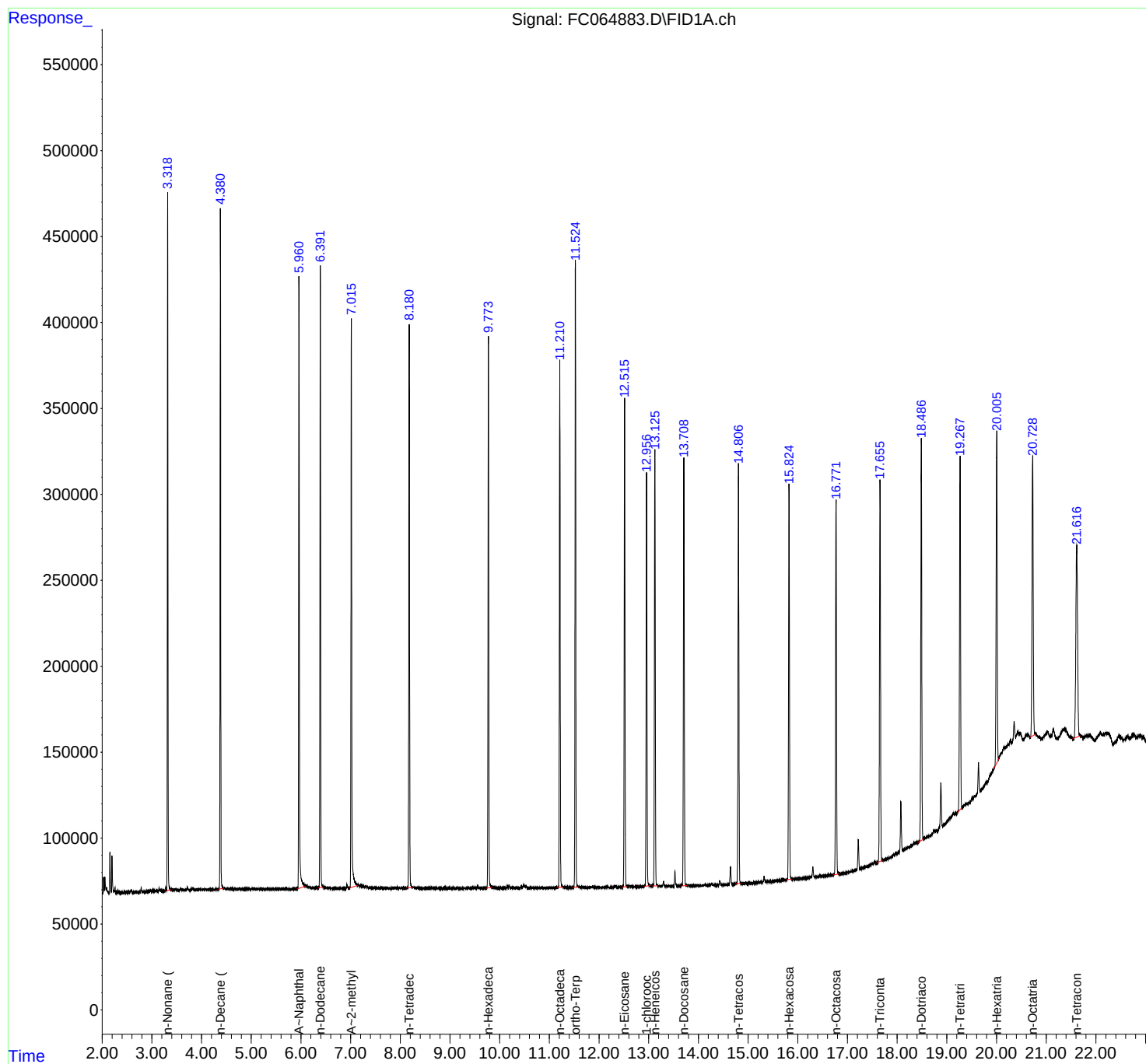
(f)=RT Delta > 1/2 Window

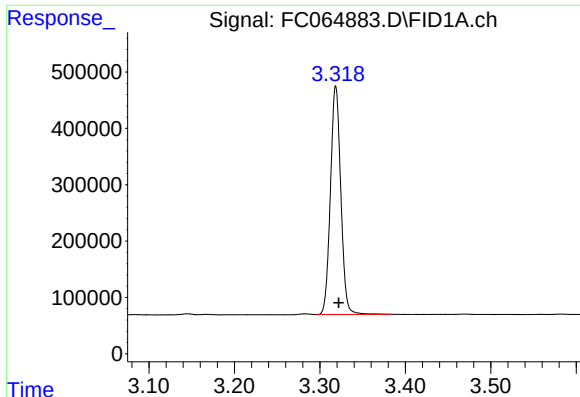
(m)=manual int.

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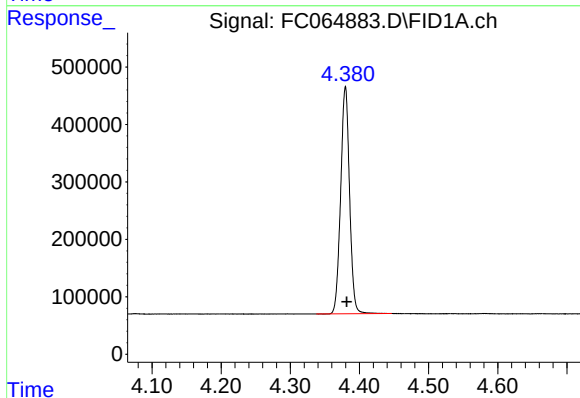
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





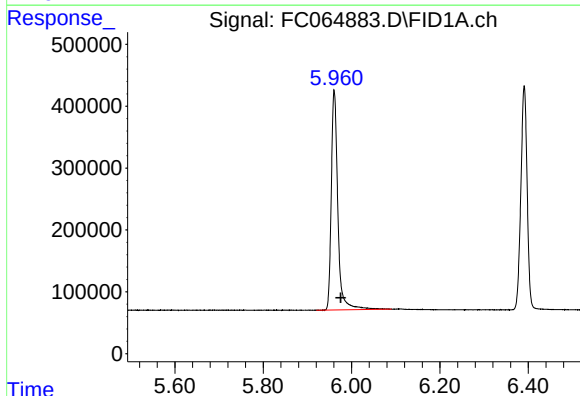
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.003 min
Response: 3422892
Conc: 18.64 ug/ml



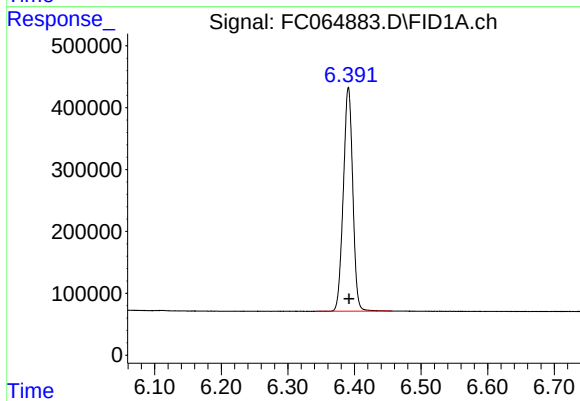
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3529329
Conc: 19.29 ug/ml



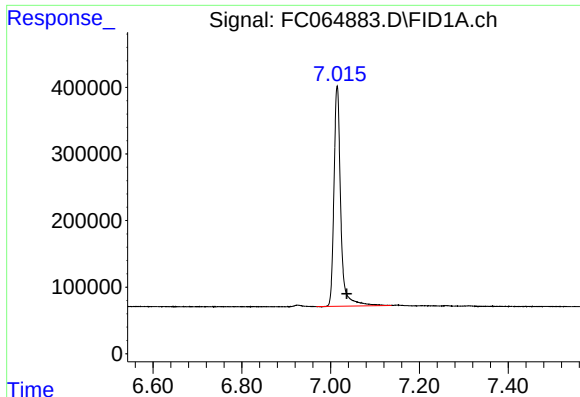
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 3661998
Conc: 19.31 ug/ml



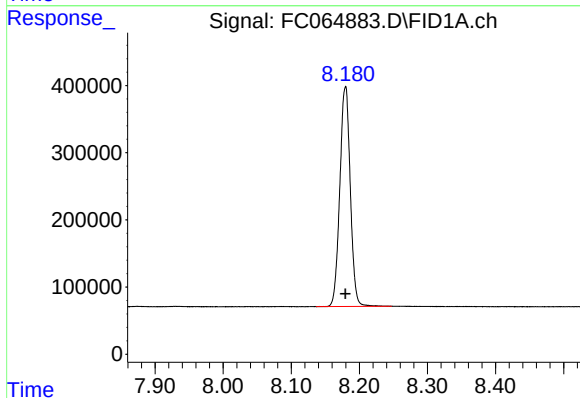
#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3569019
Conc: 19.15 ug/ml



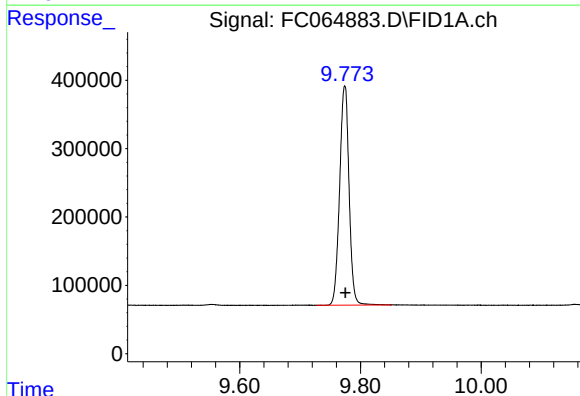
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.021 min
Response: 3514484
Conc: 20.07 ug/ml



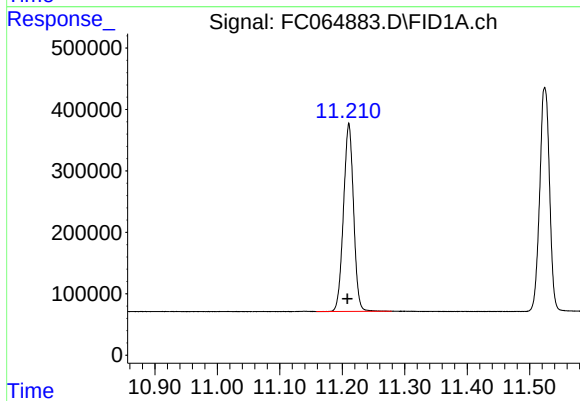
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 3491906
Conc: 19.44 ug/ml



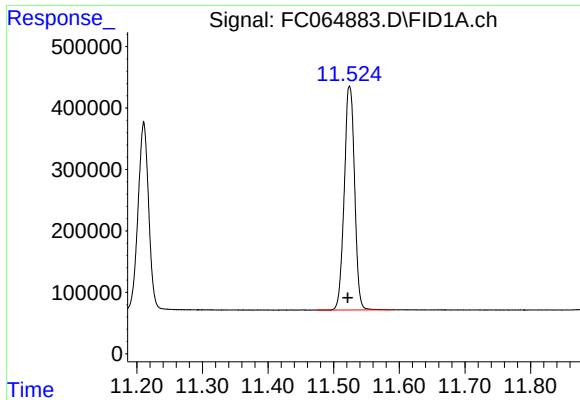
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.000 min
Response: 3477925
Conc: 19.55 ug/ml



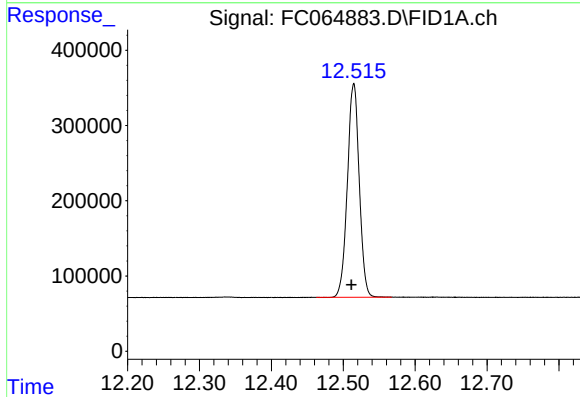
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.003 min
Response: 3423433
Conc: 19.08 ug/ml



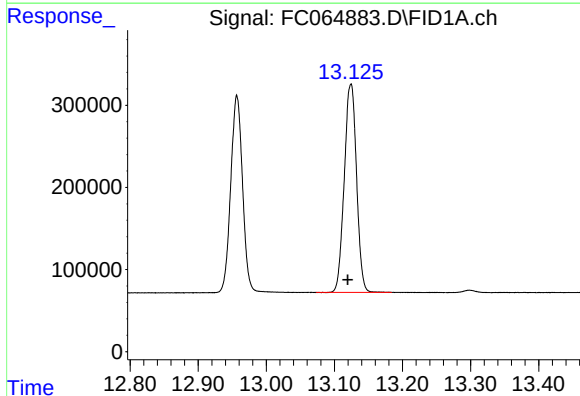
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.003 min
Response: 3983546
Conc: 18.66 ug/ml



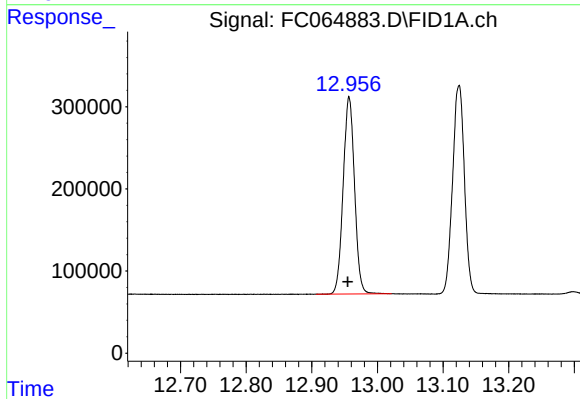
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: 0.003 min
Response: 3255250
Conc: 18.90 ug/ml



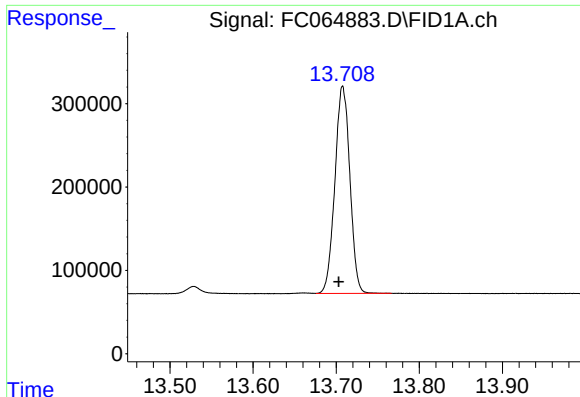
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: 0.005 min
Response: 3177654
Conc: 18.76 ug/ml



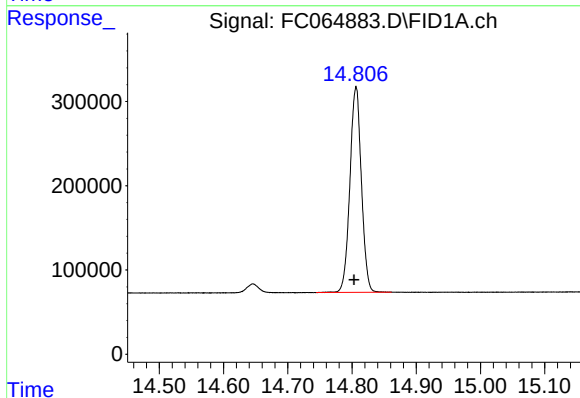
#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: 0.002 min
Response: 2889362
Conc: 19.27 ug/ml



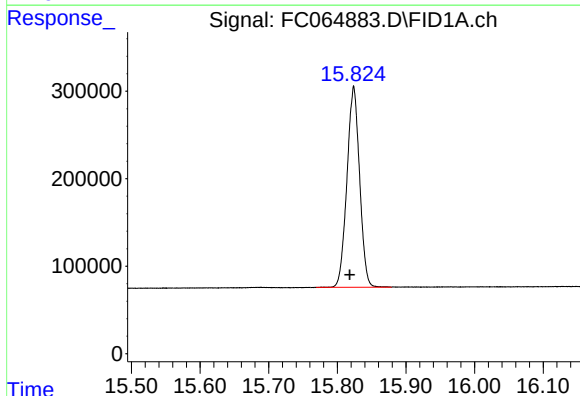
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: 0.005 min
Response: 3120393
Conc: 18.94 ug/ml



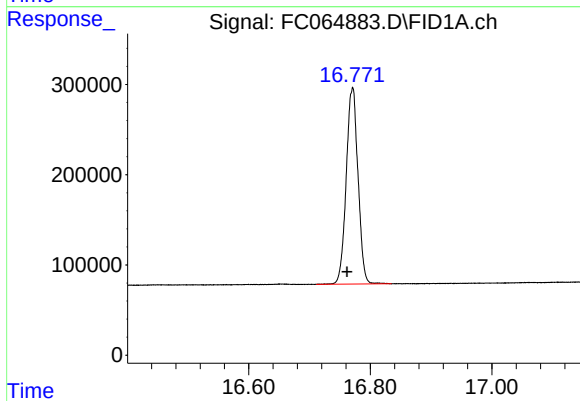
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.003 min
Response: 3028728
Conc: 19.03 ug/ml



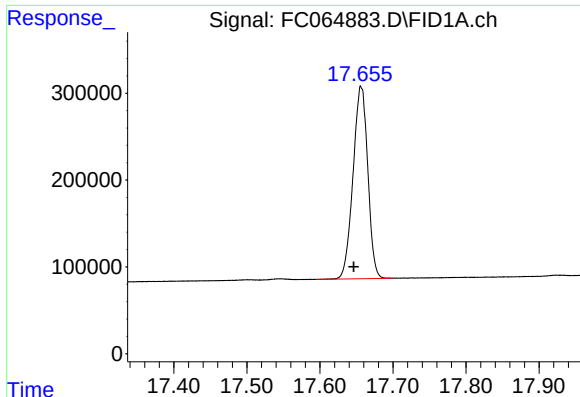
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.006 min
Response: 2938312
Conc: 19.18 ug/ml



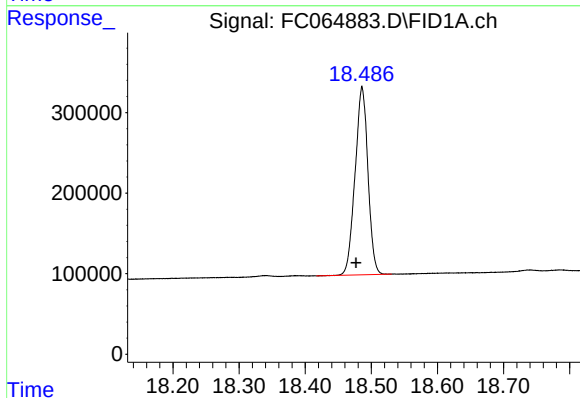
#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.009 min
Response: 2929384
Conc: 19.88 ug/ml



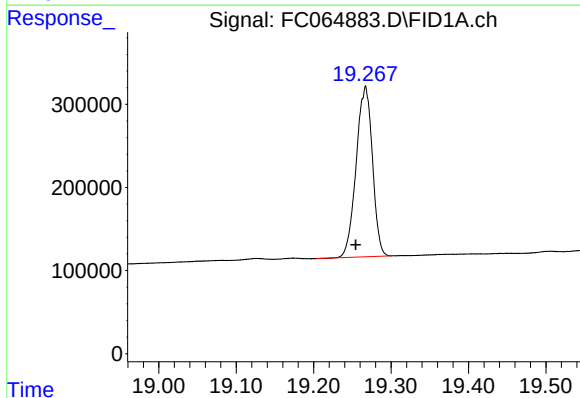
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.010 min
Response: 3104519
Conc: 21.22 ug/ml



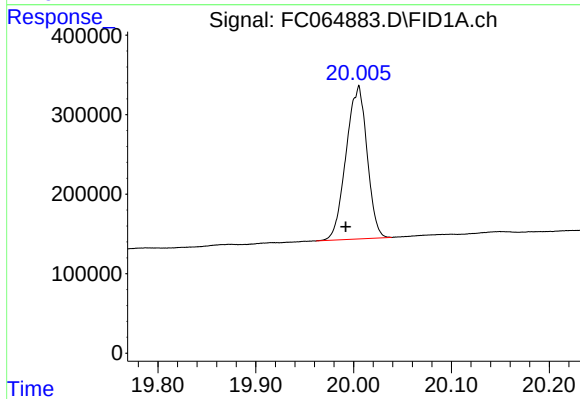
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.009 min
Response: 3153061
Conc: 21.84 ug/ml



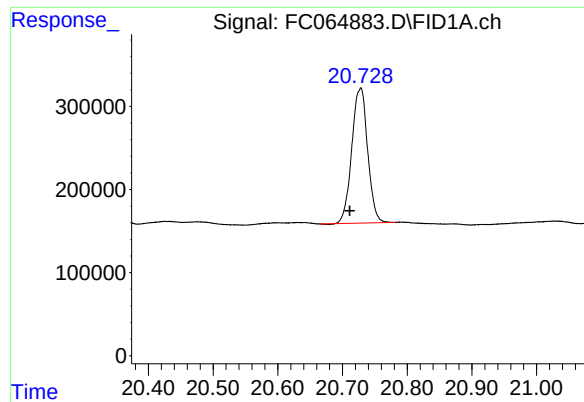
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.013 min
Response: 2988531
Conc: 21.24 ug/ml



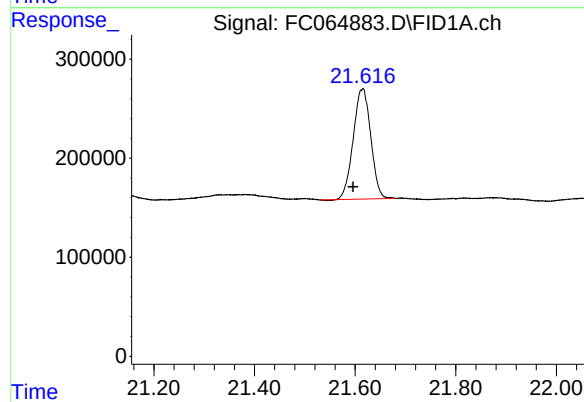
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.013 min
Response: 2866097
Conc: 20.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.017 min
Response: 2770109
Conc: 20.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: 0.020 min
Response: 2696243
Conc: 21.54 ug/ml