

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072222AL\
 Data File : FC060823.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2022 01:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 23 05:05:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.632	3268586	17.836 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	11.997	2662275	18.062 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T n-Nonane (C9)	2.624	3000410	19.560 ug/ml
2) T n-Decane (C10)	3.619	3064911	20.069 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3225102	19.290 ug/ml
4) T n-Dodecane (C12)	5.567	3176381	19.654 ug/ml
5) T A~2-methylnaphthalene...	6.183	3132420	18.427 ug/ml
6) T n-Tetradecane (C14)	7.317	3178744	19.242 ug/ml
7) T n-Hexadecane (C16)	8.877	3183062	18.834 ug/ml
8) T n-Octadecane (C18)	10.284	3147692	18.296 ug/ml
10) T n-Eicosane (C20)	11.561	3076960	18.029 ug/ml
11) T n-Heneicosane (C21)	12.160	3020346	17.715 ug/ml
13) T n-Docosane (C22)	12.731	2969287	17.419 ug/ml
14) T n-Tetracosane (C24)	13.806	2842086	16.927 ug/ml
15) T n-Hexacosane (C26)	14.803	2708068	16.480 ug/ml
16) T n-Octacosane (C28)	15.731	2650576	16.704 ug/ml
17) T n-Tricontane (C30)	16.595	2685380	17.641 ug/ml
18) T n-Dotriacontane (C32)	17.408	2690977	18.512 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2557527	20.136 ug/ml
20) T n-Hexatriacontane (C36)	18.893	2511724	22.380 ug/ml
21) T n-Octatriacontane (C38)	19.574	2421555	22.122 ug/ml
22) T n-Tetracontane (C40)	20.220	2363055	20.923 ug/ml

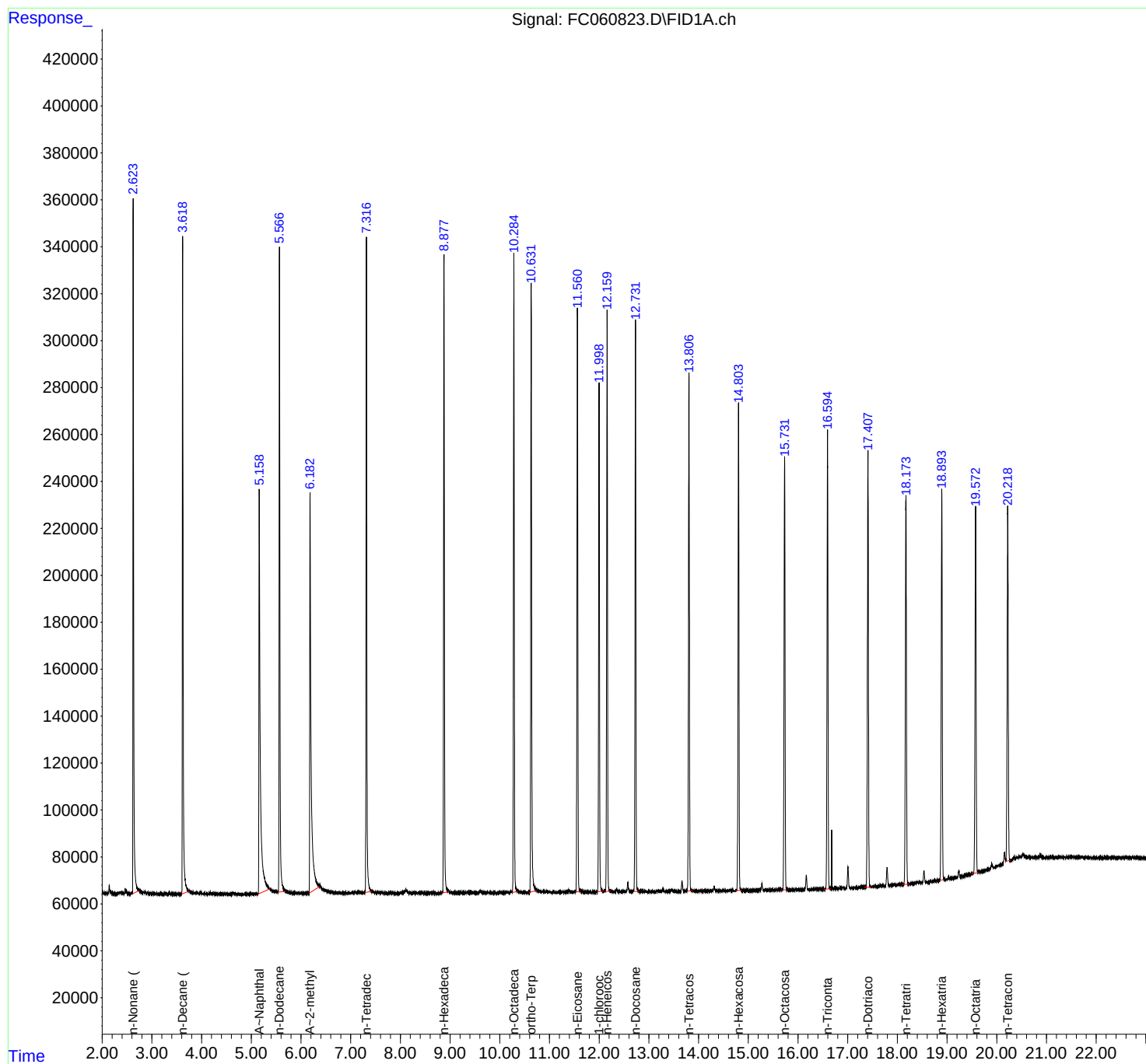
(f)=RT Delta > 1/2 Window

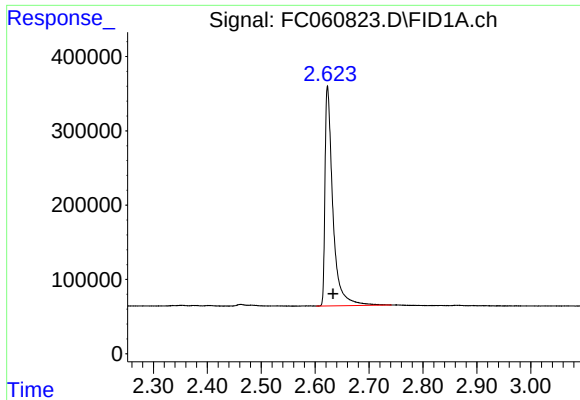
(m)=manual int.

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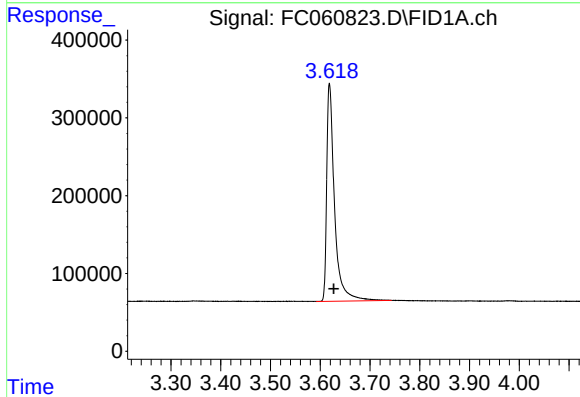
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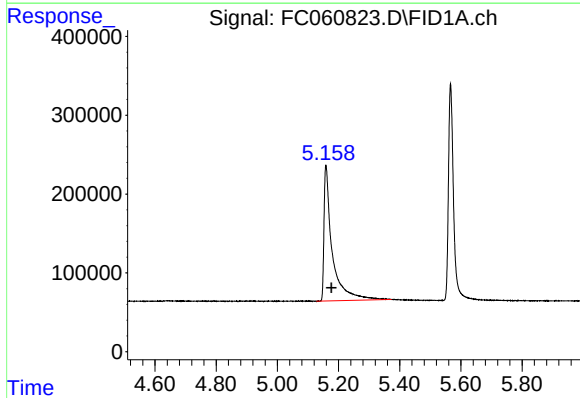
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.009 min
Response: 3000410
Conc: 19.56 ug/ml



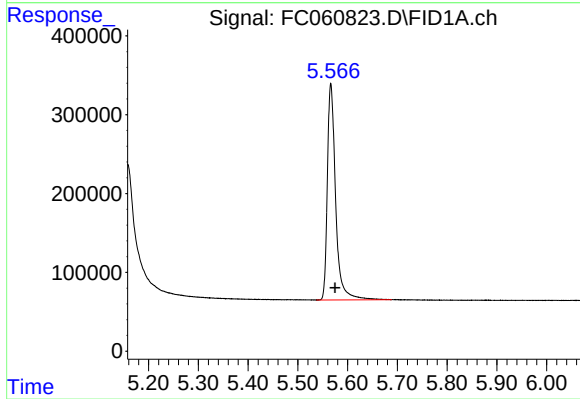
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 3064911
Conc: 20.07 ug/ml



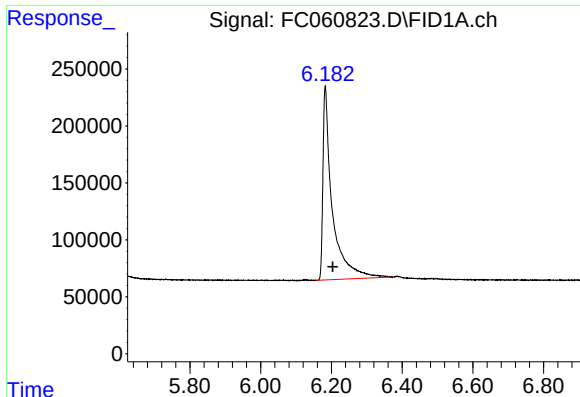
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.017 min
Response: 3225102
Conc: 19.29 ug/ml



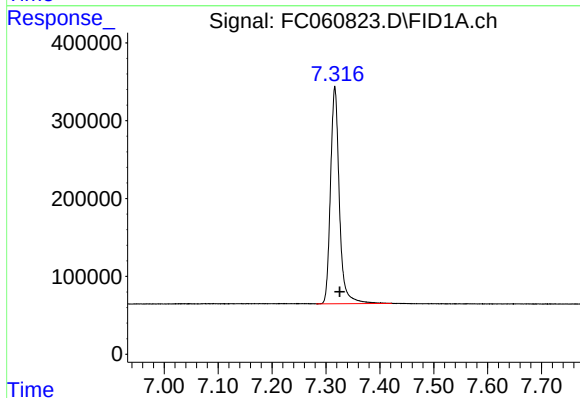
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.008 min
Response: 3176381
Conc: 19.65 ug/ml



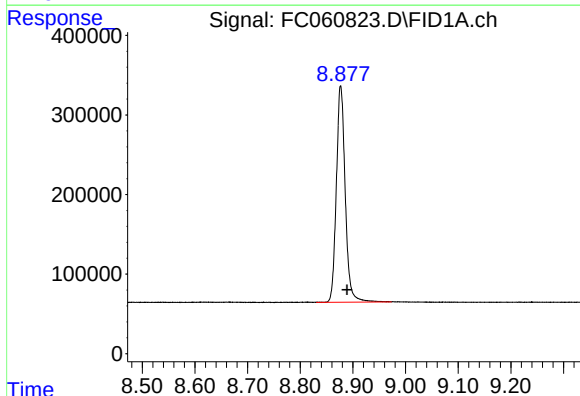
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.021 min
Response: 3132420
Conc: 18.43 ug/ml



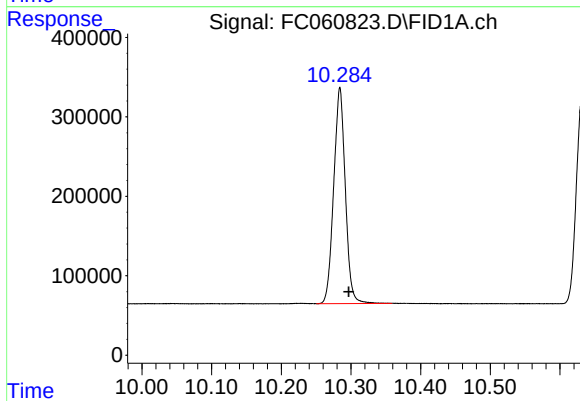
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.009 min
Response: 3178744
Conc: 19.24 ug/ml



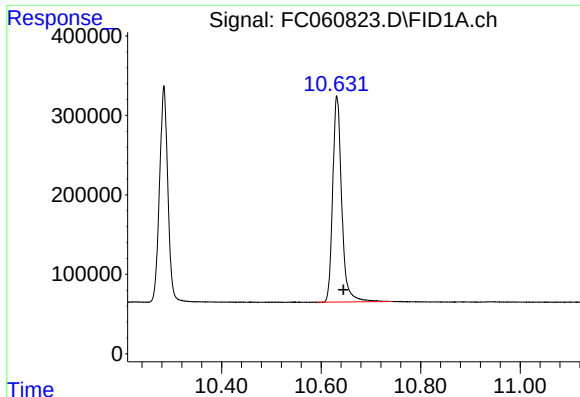
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.012 min
Response: 3183062
Conc: 18.83 ug/ml



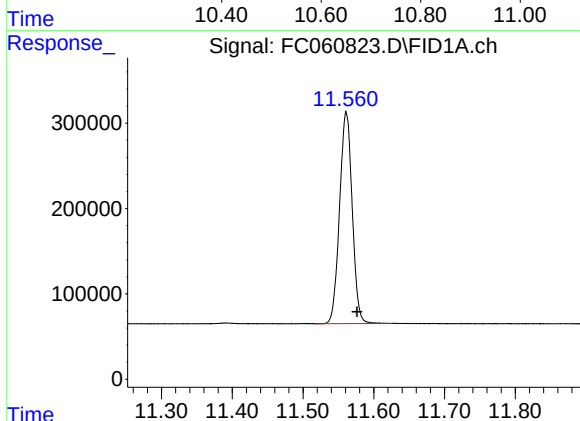
#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: -0.012 min
Response: 3147692
Conc: 18.30 ug/ml



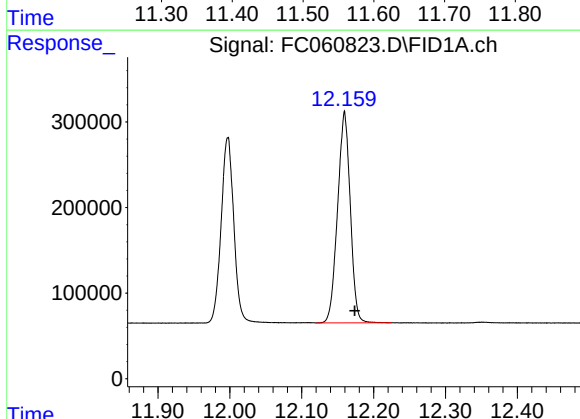
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.013 min
Response: 3268586
Conc: 17.84 ug/ml



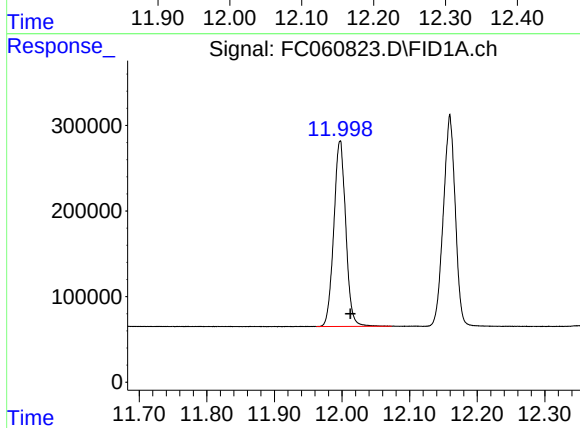
#10 n-Eicosane (C20)

R.T.: 11.561 min
Delta R.T.: -0.015 min
Response: 3076960
Conc: 18.03 ug/ml



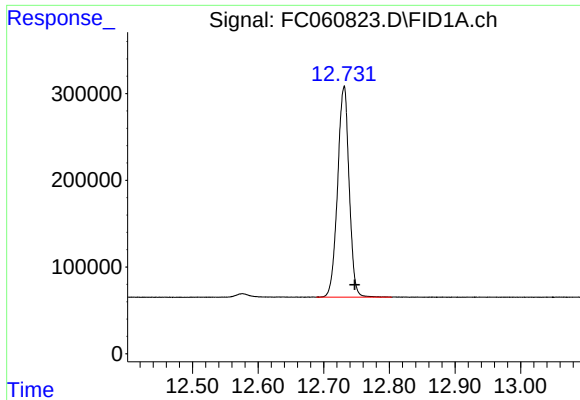
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: -0.014 min
Response: 3020346
Conc: 17.71 ug/ml



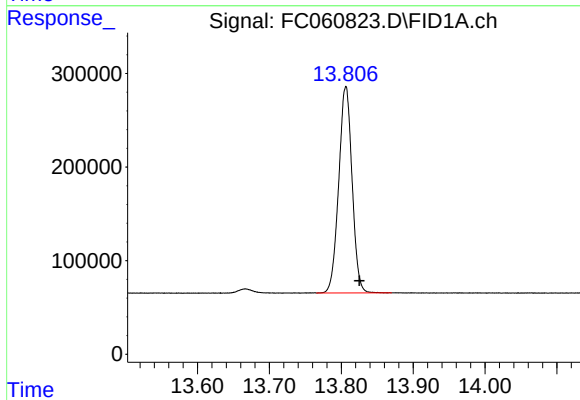
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: -0.016 min
Response: 2662275
Conc: 18.06 ug/ml



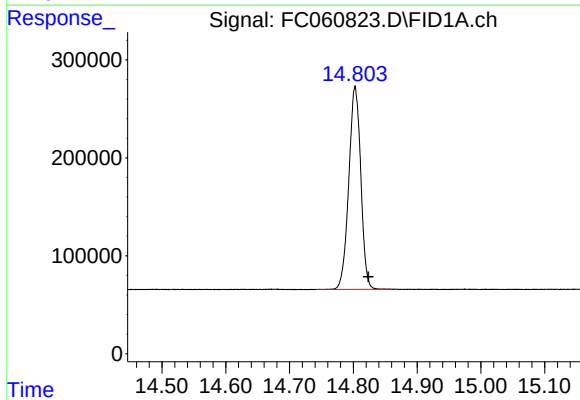
#13 n-Docosane (C22)

R.T.: 12.731 min
Delta R.T.: -0.017 min
Response: 2969287
Conc: 17.42 ug/ml



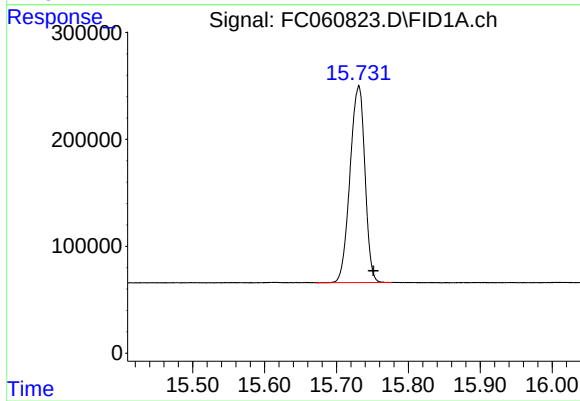
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: -0.019 min
Response: 2842086
Conc: 16.93 ug/ml



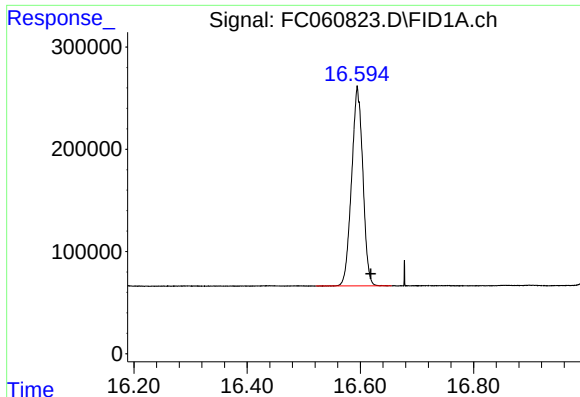
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: -0.021 min
Response: 2708068
Conc: 16.48 ug/ml



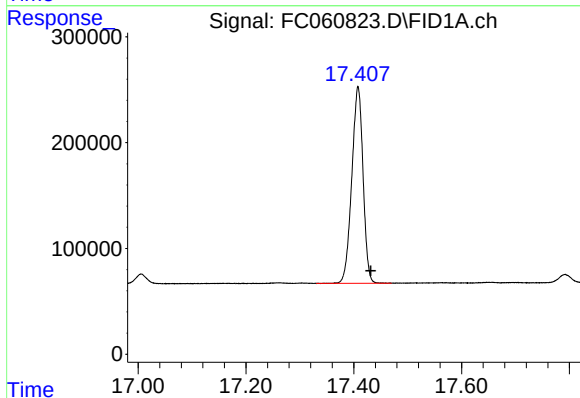
#16 n-Octacosane (C28)

R.T.: 15.731 min
Delta R.T.: -0.021 min
Response: 2650576
Conc: 16.70 ug/ml



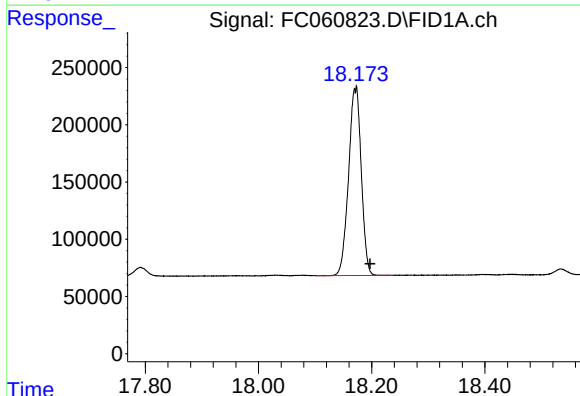
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: -0.024 min
Response: 2685380
Conc: 17.64 ug/ml



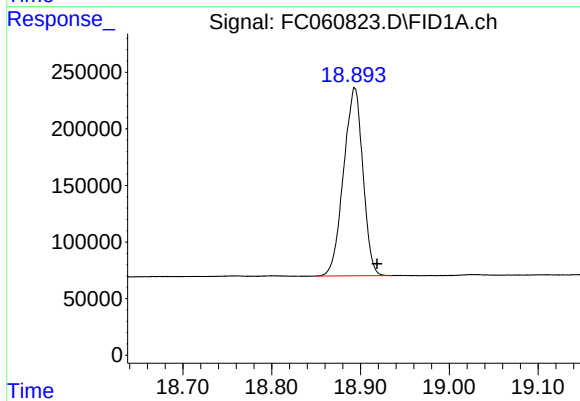
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: -0.023 min
Response: 2690977
Conc: 18.51 ug/ml



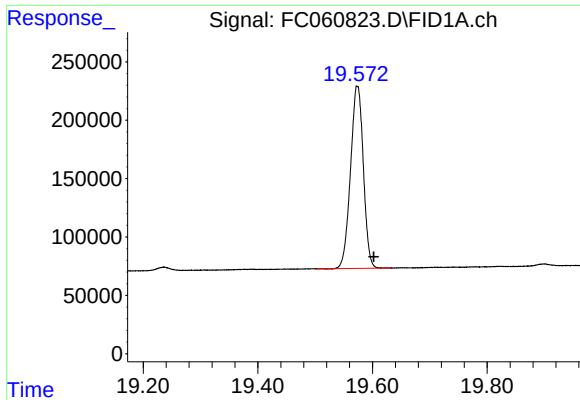
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: -0.026 min
Response: 2557527
Conc: 20.14 ug/ml



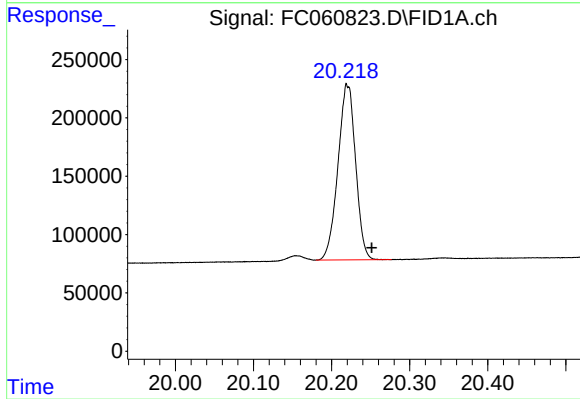
#20 n-Hexatriacontane (C36)

R.T.: 18.893 min
Delta R.T.: -0.025 min
Response: 2511724
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.574 min
Delta R.T.: -0.028 min
Response: 2421555
Conc: 22.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.220 min
Delta R.T.: -0.031 min
Response: 2363055
Conc: 20.92 ug/ml