

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070822AL\
 Data File : FC060655.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2022 06:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 06:51:46 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	3190200	17.408 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	11.999	2544913	17.266 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
Target Compounds			
1) T n-Nonane (C9)	2.623	2708329	17.656 ug/ml
2) T n-Decane (C10)	3.618	2812607	18.417 ug/ml
3) T A~Naphthalene (C11.7)	5.156	3024235	18.089 ug/ml
4) T n-Dodecane (C12)	5.566	2967781	18.363 ug/ml
5) T A~2-methylnaphthalene...	6.180	3069592	18.058 ug/ml
6) T n-Tetradecane (C14)	7.316	3038532	18.393 ug/ml
7) T n-Hexadecane (C16)	8.878	3080109	18.225 ug/ml
8) T n-Octadecane (C18)	10.285	3088338	17.951 ug/ml
10) T n-Eicosane (C20)	11.563	3010729	17.641 ug/ml
11) T n-Heneicosane (C21)	12.160	2958026	17.349 ug/ml
13) T n-Docosane (C22)	12.733	2986983	17.523 ug/ml
14) T n-Tetracosane (C24)	13.810	2904585	17.299 ug/ml
15) T n-Hexacosane (C26)	14.806	2799908	17.039 ug/ml
16) T n-Octacosane (C28)	15.733	2800682	17.650 ug/ml
17) T n-Tricontane (C30)	16.599	2900672	19.055 ug/ml
18) T n-Dotriacontane (C32)	17.412	2829584	19.465 ug/ml
19) T n-Tetratriacontane (C34)	18.175	2561123	20.165 ug/ml
20) T n-Hexatriacontane (C36)	18.897	2334386	20.800 ug/ml
21) T n-Octatriacontane (C38)	19.580	2193647	20.040 ug/mlm
22) T n-Tetracontane (C40)	20.227	2222433	19.678 ug/ml

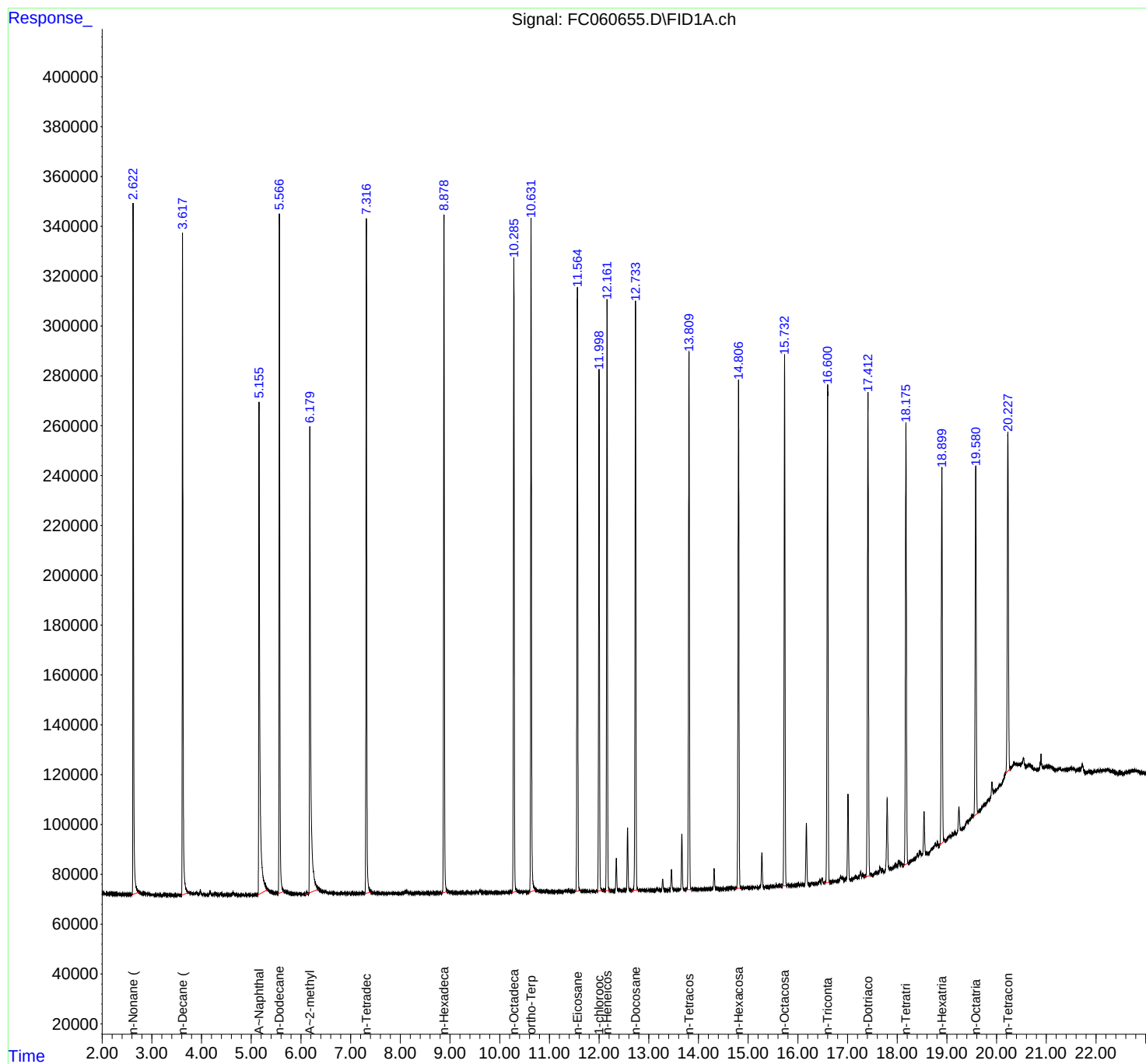
(f)=RT Delta > 1/2 Window

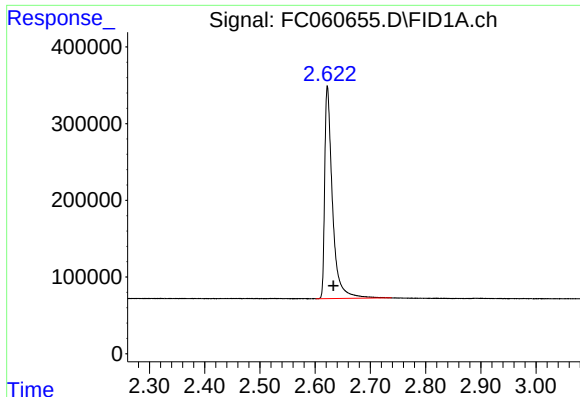
(m)=manual int.

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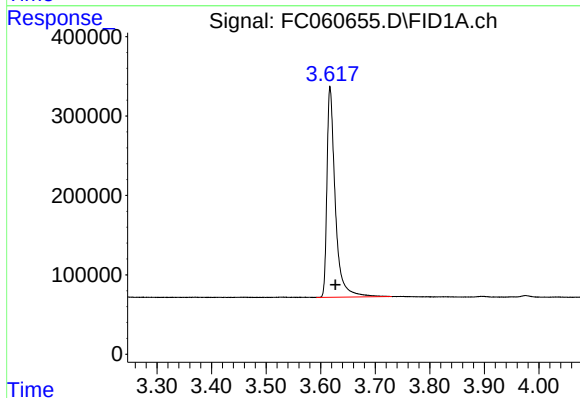
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





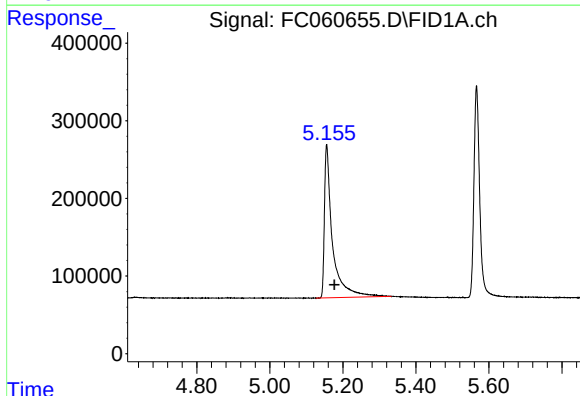
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.010 min
Response: 2708329
Conc: 17.66 ug/ml



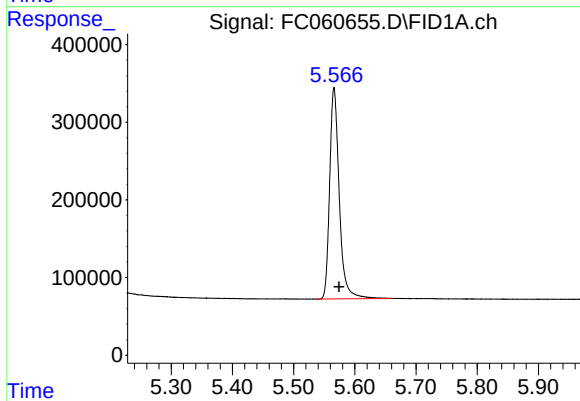
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.009 min
Response: 2812607
Conc: 18.42 ug/ml



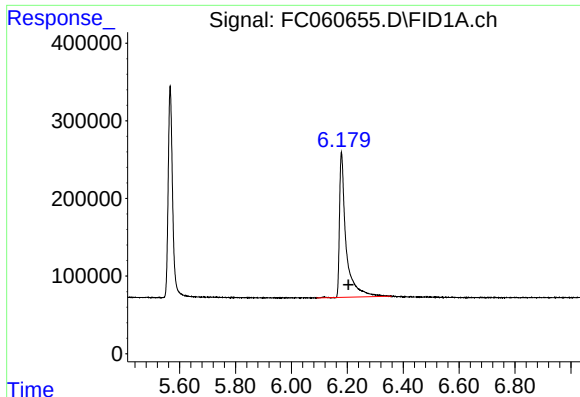
#3 A~Naphthalene (C11.7)

R.T.: 5.156 min
Delta R.T.: -0.021 min
Response: 3024235
Conc: 18.09 ug/ml



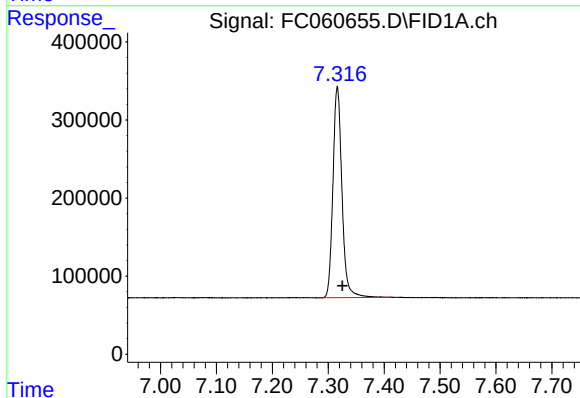
#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.008 min
Response: 2967781
Conc: 18.36 ug/ml



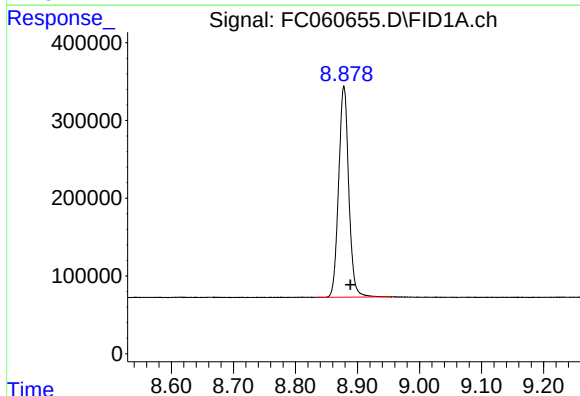
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.180 min
Delta R.T.: -0.024 min
Response: 3069592
Conc: 18.06 ug/ml



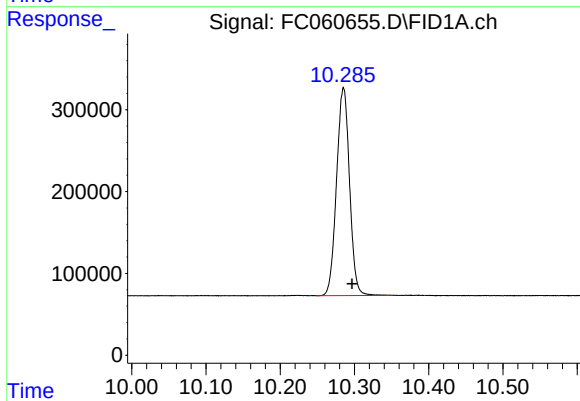
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 3038532
Conc: 18.39 ug/ml



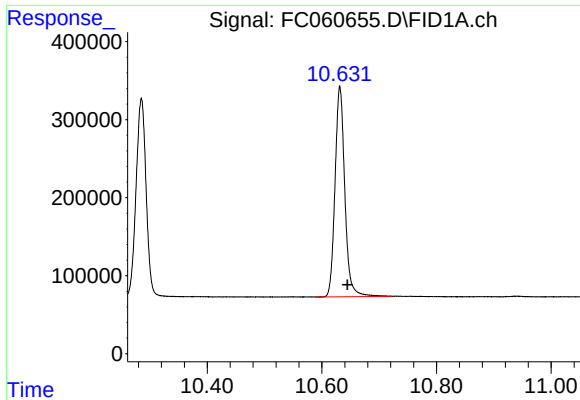
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.011 min
Response: 3080109
Conc: 18.23 ug/ml



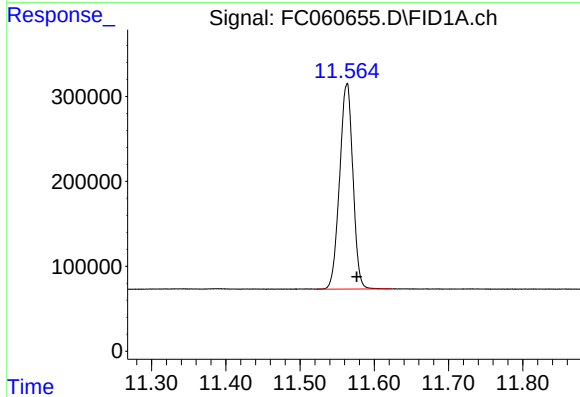
#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: -0.011 min
Response: 3088338
Conc: 17.95 ug/ml



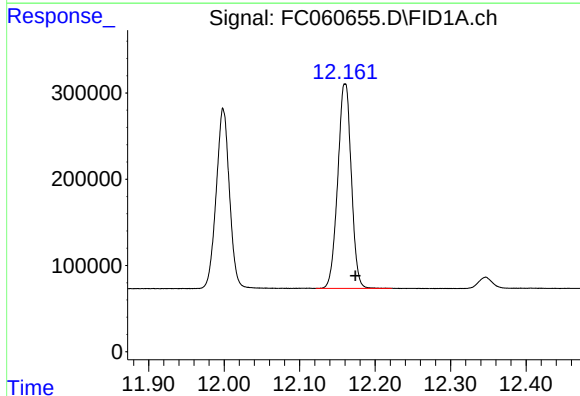
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.013 min
Response: 3190200
Conc: 17.41 ug/ml



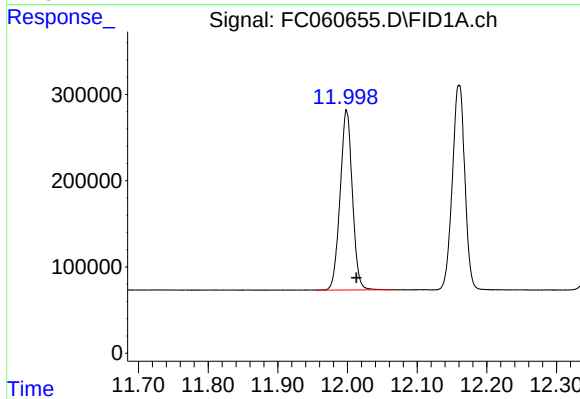
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: -0.013 min
Response: 3010729
Conc: 17.64 ug/ml



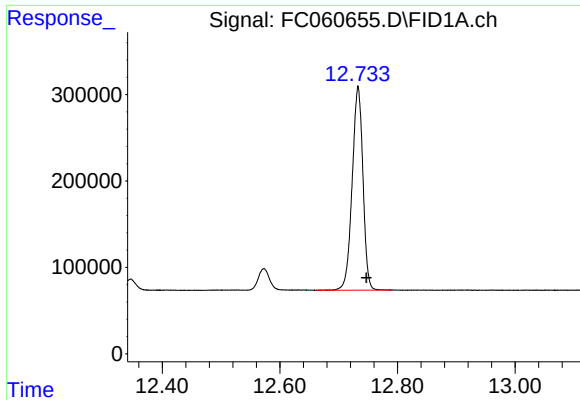
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: -0.014 min
Response: 2958026
Conc: 17.35 ug/ml



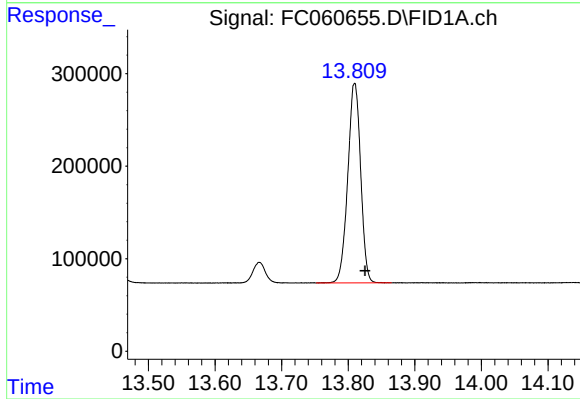
#12 1-chlorooctadecane (SURR)

R.T.: 11.999 min
Delta R.T.: -0.014 min
Response: 2544913
Conc: 17.27 ug/ml



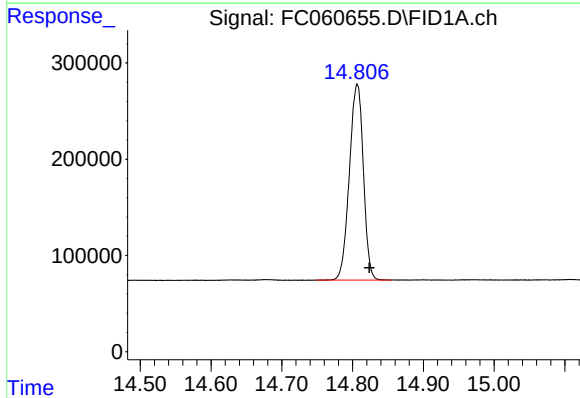
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: -0.014 min
Response: 2986983
Conc: 17.52 ug/ml



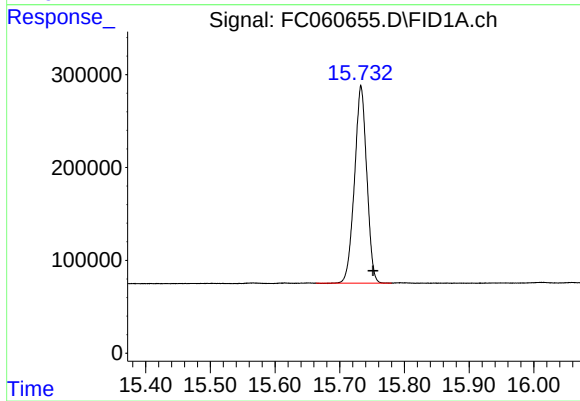
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.016 min
Response: 2904585
Conc: 17.30 ug/ml



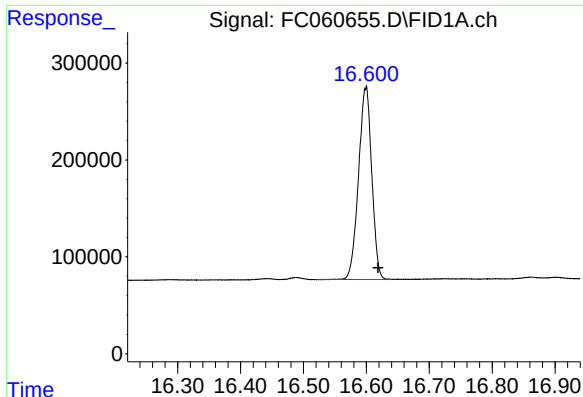
#15 n-Hexacosane (C26)

R.T.: 14.806 min
Delta R.T.: -0.017 min
Response: 2799908
Conc: 17.04 ug/ml



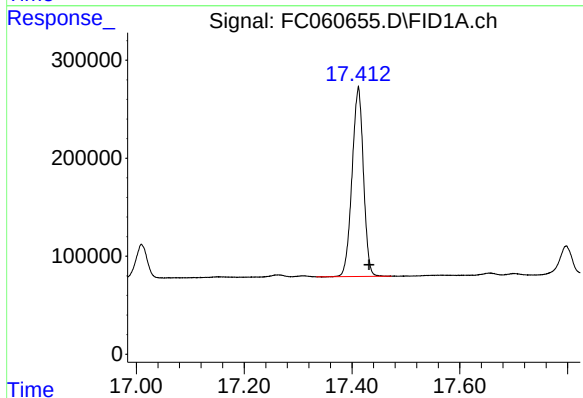
#16 n-Octacosane (C28)

R.T.: 15.733 min
Delta R.T.: -0.019 min
Response: 2800682
Conc: 17.65 ug/ml



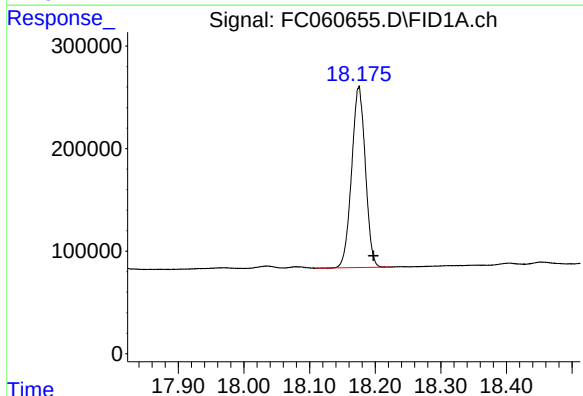
#17 n-Tricontane (C30)

R.T.: 16.599 min
Delta R.T.: -0.019 min
Response: 2900672
Conc: 19.06 ug/ml



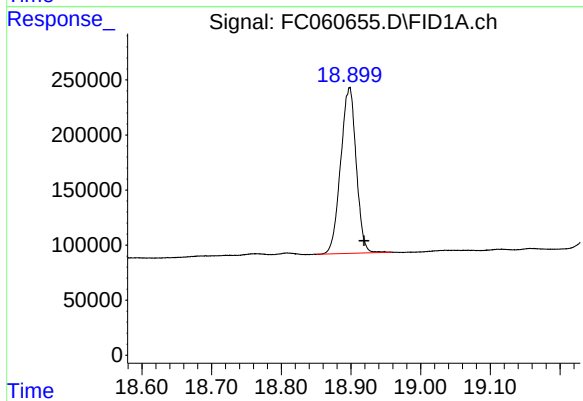
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: -0.020 min
Response: 2829584
Conc: 19.47 ug/ml



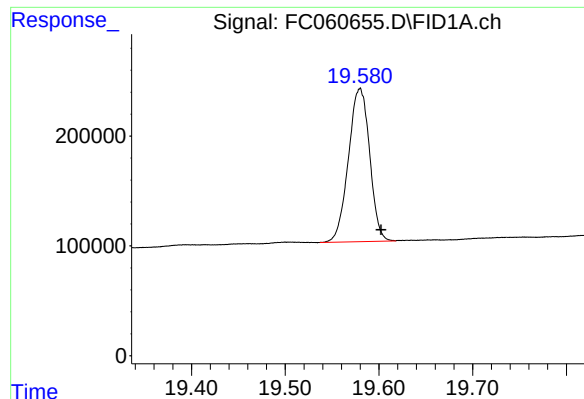
#19 n-Tetratriacontane (C34)

R.T.: 18.175 min
Delta R.T.: -0.022 min
Response: 2561123
Conc: 20.16 ug/ml



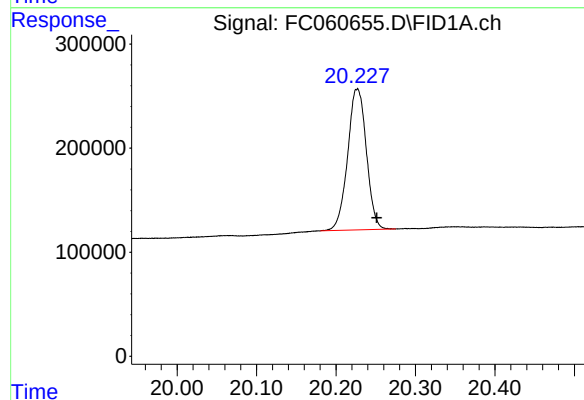
#20 n-Hexatriacontane (C36)

R.T.: 18.897 min
Delta R.T.: -0.021 min
Response: 2334386
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.580 min
Delta R.T.: -0.022 min
Response: 2193647
Conc: 20.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.227 min
Delta R.T.: -0.024 min
Response: 2222433
Conc: 19.68 ug/ml