

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071122AL\
 Data File : FC060684.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2022 06:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 07:13:46 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)	10.639	3350024	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	12.005	2653557	18.003 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	2.623	3044389	19.846 ug/ml
2) T n-Decane (C10)	3.619	3113831	20.389 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3379365	20.213 ug/ml
4) T n-Dodecane (C12)	5.569	3270803	20.238 ug/ml
5) T A~2-methylnaphthalene...	6.183	3406315	20.038 ug/ml
6) T n-Tetradecane (C14)	7.320	3282620	19.871 ug/ml
7) T n-Hexadecane (C16)	8.883	3285029	19.438 ug/ml
8) T n-Octadecane (C18)	10.291	3250587	18.894 ug/ml
10) T n-Eicosane (C20)	11.570	3133821	18.362 ug/ml
11) T n-Heneicosane (C21)	12.168	3077400	18.049 ug/ml
13) T n-Docosane (C22)	12.739	3026851	17.757 ug/ml
14) T n-Tetracosane (C24)	13.817	2911096	17.338 ug/ml
15) T n-Hexacosane (C26)	14.814	2799990	17.039 ug/ml
16) T n-Octacosane (C28)	15.741	2747730	17.316 ug/ml
17) T n-Tricontane (C30)	16.609	2772155	18.211 ug/ml
18) T n-Dotriacontane (C32)	17.420	2720360	18.714 ug/ml
19) T n-Tetratriacontane (C34)	18.185	2569075	20.227 ug/mlm
20) T n-Hexatriacontane (C36)	18.908	2427629	21.631 ug/ml
21) T n-Octatriacontane (C38)	19.590	2330749	21.292 ug/mlm
22) T n-Tetracontane (C40)	20.237	2360727	20.903 ug/ml

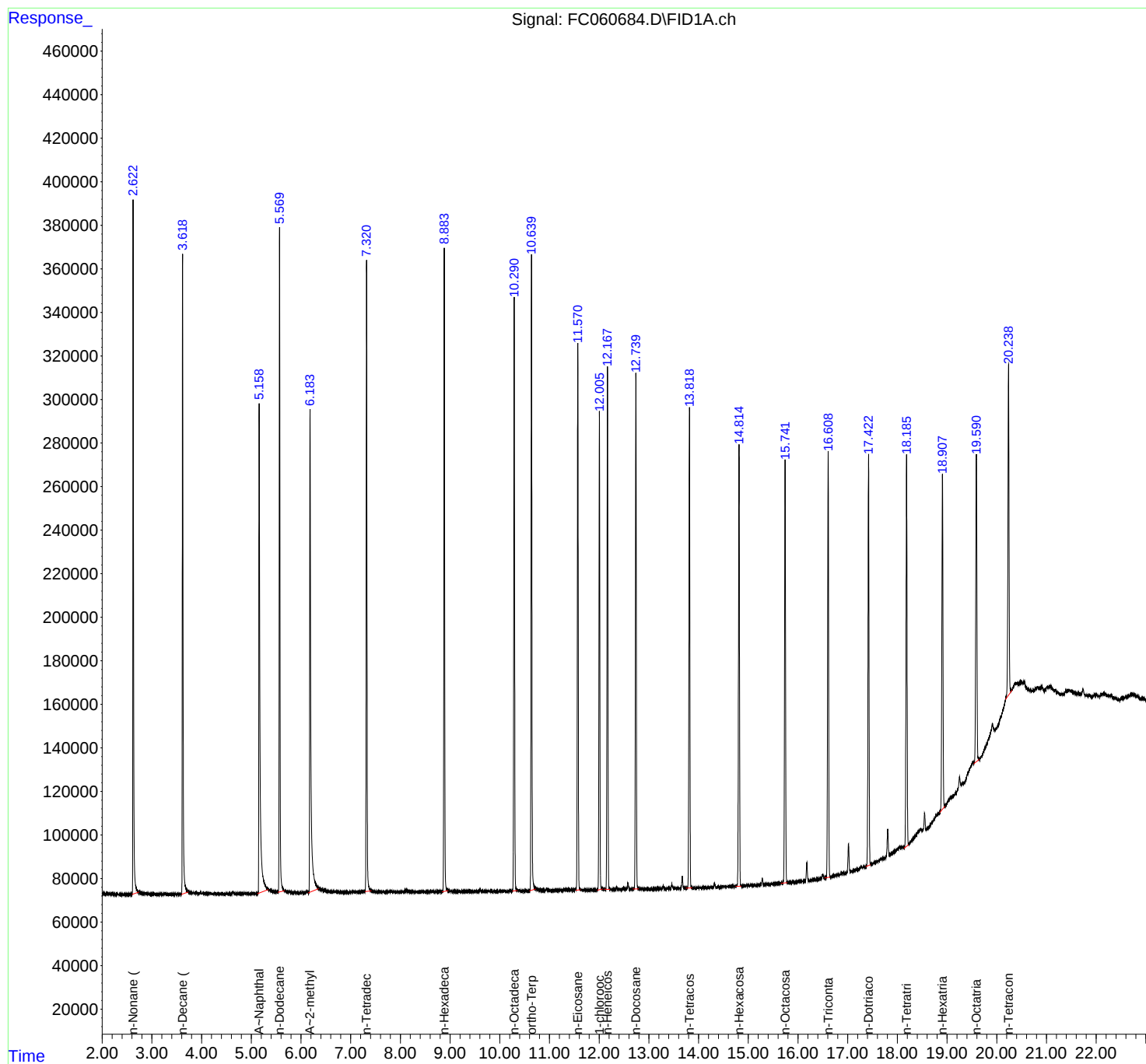
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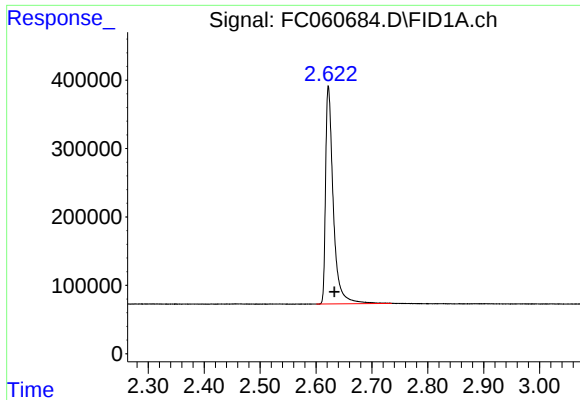
(m)=manual int.

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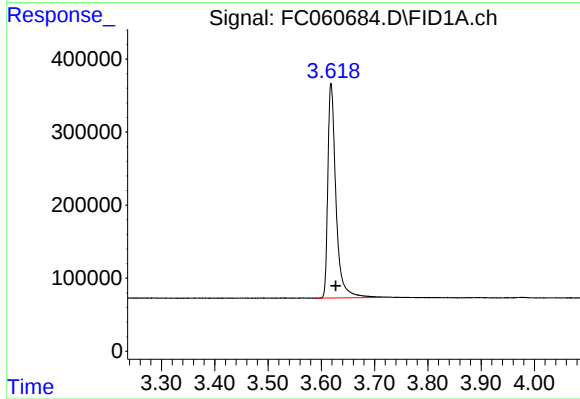
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





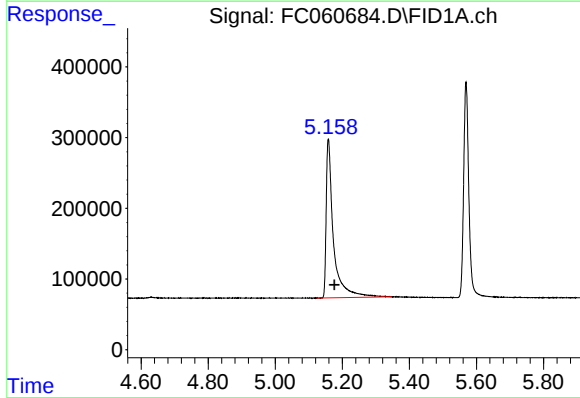
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.010 min
Response: 3044389
Conc: 19.85 ug/ml



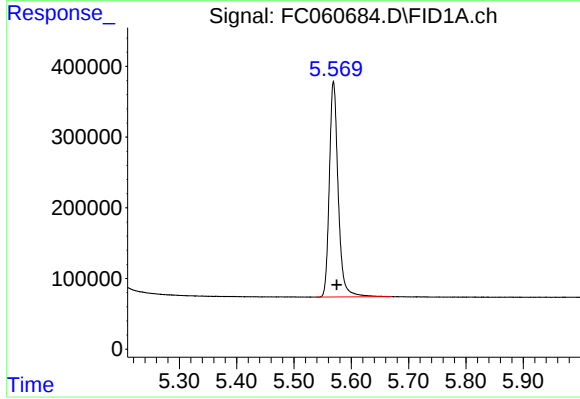
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 3113831
Conc: 20.39 ug/ml



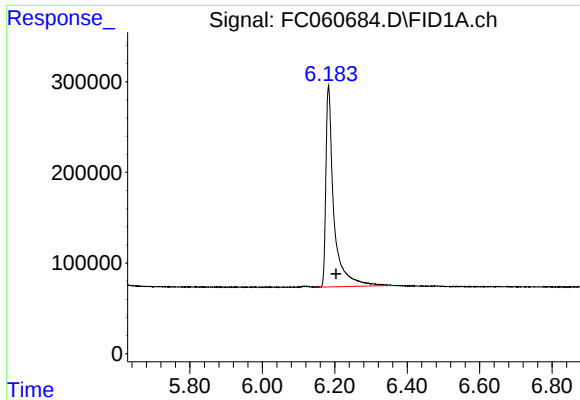
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.018 min
Response: 3379365
Conc: 20.21 ug/ml



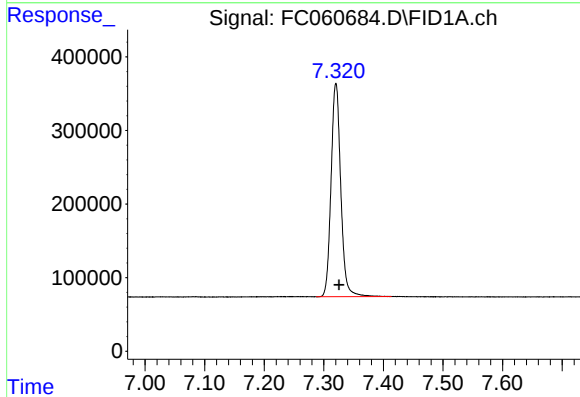
#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 3270803
Conc: 20.24 ug/ml



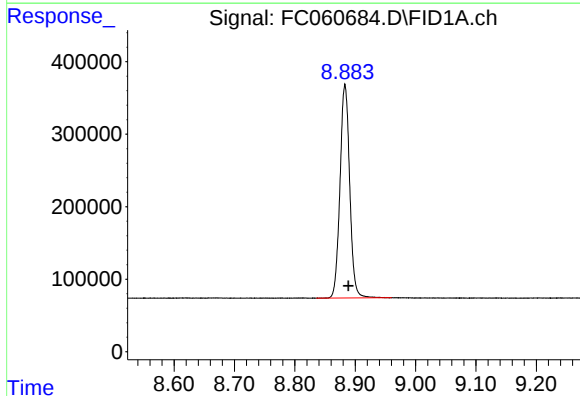
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.021 min
Response: 3406315
Conc: 20.04 ug/ml



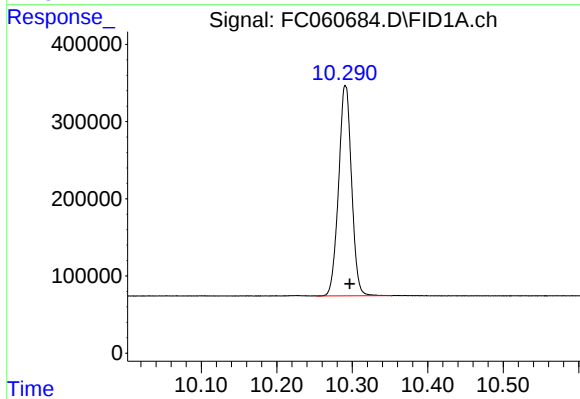
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 3282620
Conc: 19.87 ug/ml



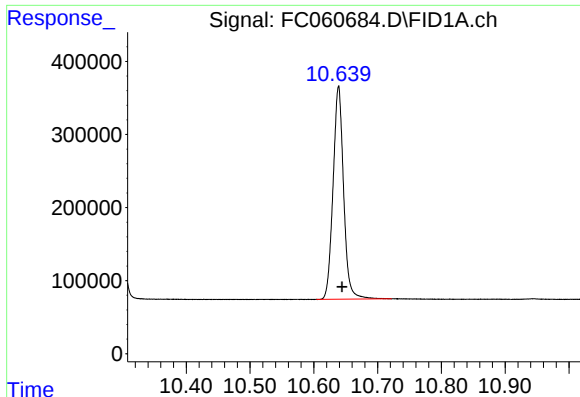
#7 n-Hexadecane (C16)

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 3285029
Conc: 19.44 ug/ml



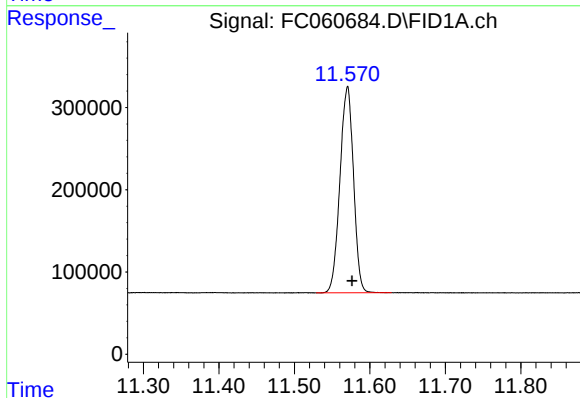
#8 n-Octadecane (C18)

R.T.: 10.291 min
Delta R.T.: -0.006 min
Response: 3250587
Conc: 18.89 ug/ml



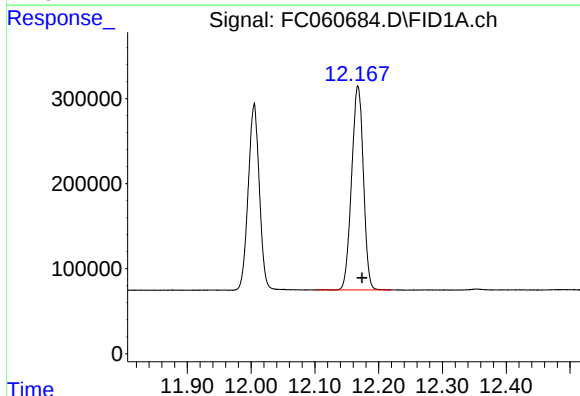
#9 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 3350024
Conc: 18.28 ug/ml



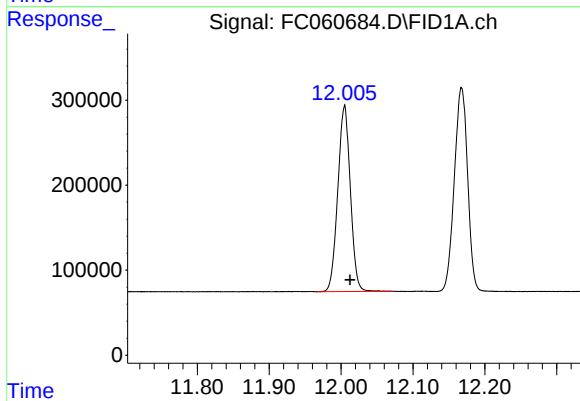
#10 n-Eicosane (C20)

R.T.: 11.570 min
Delta R.T.: -0.006 min
Response: 3133821
Conc: 18.36 ug/ml



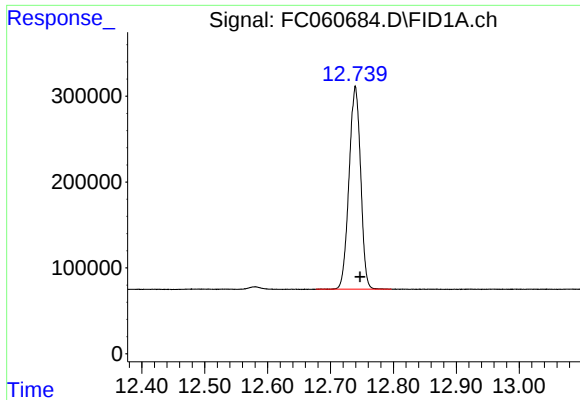
#11 n-Heneicosane (C21)

R.T.: 12.168 min
Delta R.T.: -0.006 min
Response: 3077400
Conc: 18.05 ug/ml



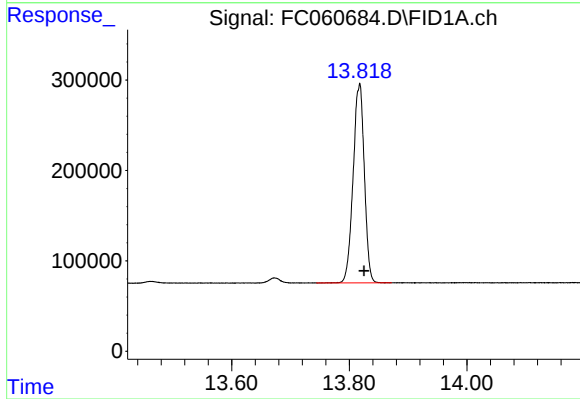
#12 1-chlorooctadecane (SURR)

R.T.: 12.005 min
Delta R.T.: -0.008 min
Response: 2653557
Conc: 18.00 ug/ml



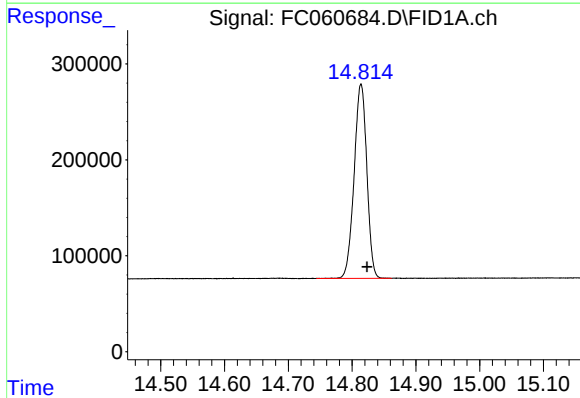
#13 n-Docosane (C22)

R.T.: 12.739 min
Delta R.T.: -0.008 min
Response: 3026851
Conc: 17.76 ug/ml



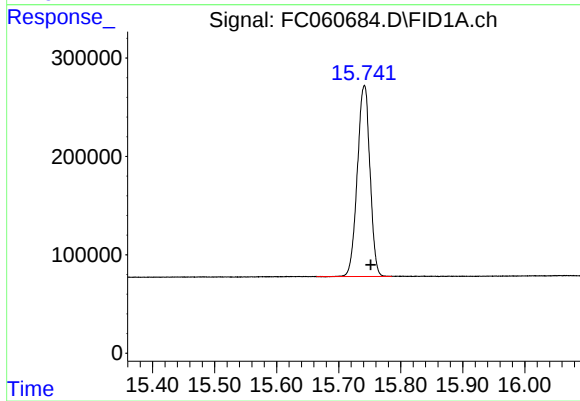
#14 n-Tetracosane (C24)

R.T.: 13.817 min
Delta R.T.: -0.008 min
Response: 2911096
Conc: 17.34 ug/ml



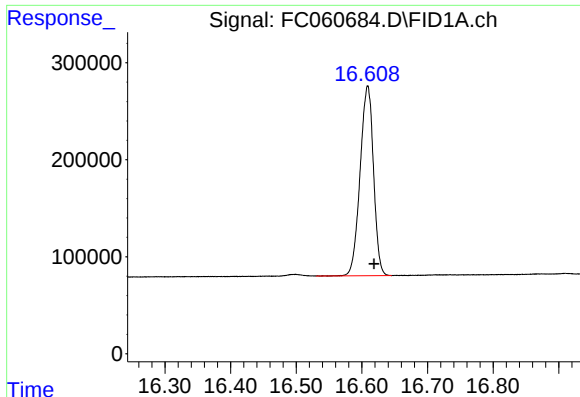
#15 n-Hexacosane (C26)

R.T.: 14.814 min
Delta R.T.: -0.010 min
Response: 2799990
Conc: 17.04 ug/ml



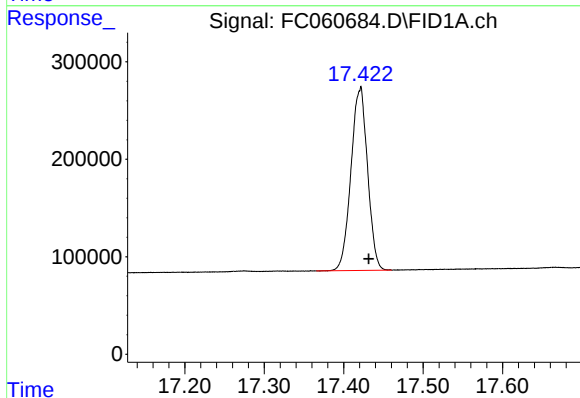
#16 n-Octacosane (C28)

R.T.: 15.741 min
Delta R.T.: -0.010 min
Response: 2747730
Conc: 17.32 ug/ml



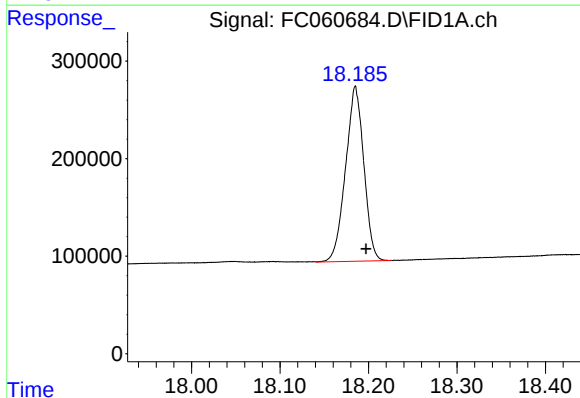
#17 n-Tricontane (C30)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 2772155
Conc: 18.21 ug/ml



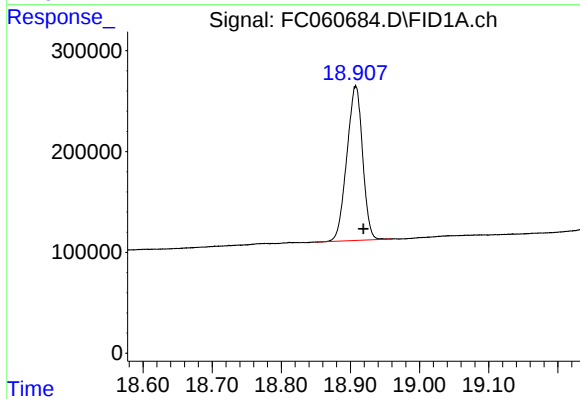
#18 n-Dotriacontane (C32)

R.T.: 17.420 min
Delta R.T.: -0.011 min
Response: 2720360
Conc: 18.71 ug/ml



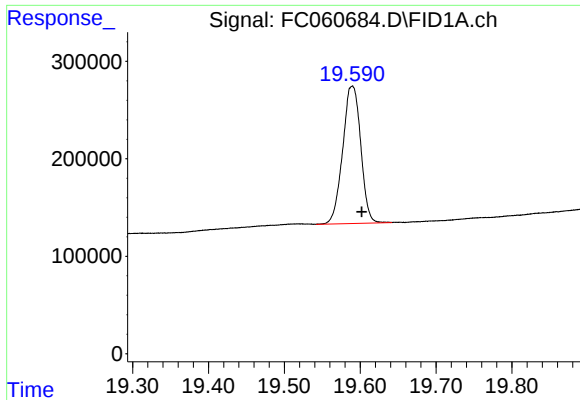
#19 n-Tetratriacontane (C34)

R.T.: 18.185 min
Delta R.T.: -0.012 min
Response: 2569075
Conc: 20.23 ug/ml m



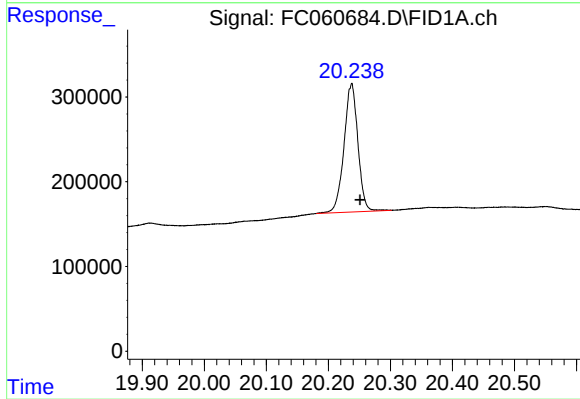
#20 n-Hexatriacontane (C36)

R.T.: 18.908 min
Delta R.T.: -0.011 min
Response: 2427629
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.590 min
Delta R.T.: -0.012 min
Response: 2330749
Conc: 21.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.237 min
Delta R.T.: -0.014 min
Response: 2360727
Conc: 20.90 ug/ml