

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071122AL\
 Data File : FC060664.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2022 16:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 03:00:40 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)	10.635	3646061	19.896 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.002	2954102	20.042 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	2.625	3047285	19.865 ug/ml
2) T n-Decane (C10)	3.620	3113547	20.387 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3412129	20.409 ug/ml
4) T n-Dodecane (C12)	5.567	3286868	20.338 ug/ml
5) T A~2-methylnaphthalene...	6.182	3452422	20.310 ug/ml
6) T n-Tetradecane (C14)	7.319	3332869	20.175 ug/ml
7) T n-Hexadecane (C16)	8.881	3423854	20.259 ug/ml
8) T n-Octadecane (C18)	10.288	3484853	20.256 ug/ml
10) T n-Eicosane (C20)	11.567	3453551	20.235 ug/ml
11) T n-Heneicosane (C21)	12.164	3445700	20.209 ug/ml
13) T n-Docosane (C22)	12.737	3420146	20.064 ug/ml
14) T n-Tetracosane (C24)	13.813	3334840	19.862 ug/ml
15) T n-Hexacosane (C26)	14.810	3206543	19.513 ug/ml
16) T n-Octacosane (C28)	15.737	3097981	19.524 ug/ml
17) T n-Tricontane (C30)	16.601	3035871	19.944 ug/ml
18) T n-Dotriacontane (C32)	17.414	2874931	19.777 ug/ml
19) T n-Tetratriacontane (C34)	18.179	2637339	20.765 ug/mlm
20) T n-Hexatriacontane (C36)	18.901	2430890	21.660 ug/ml
21) T n-Octatriacontane (C38)	19.583	2316822	21.165 ug/mlm
22) T n-Tetracontane (C40)	20.230	2325733	20.593 ug/ml

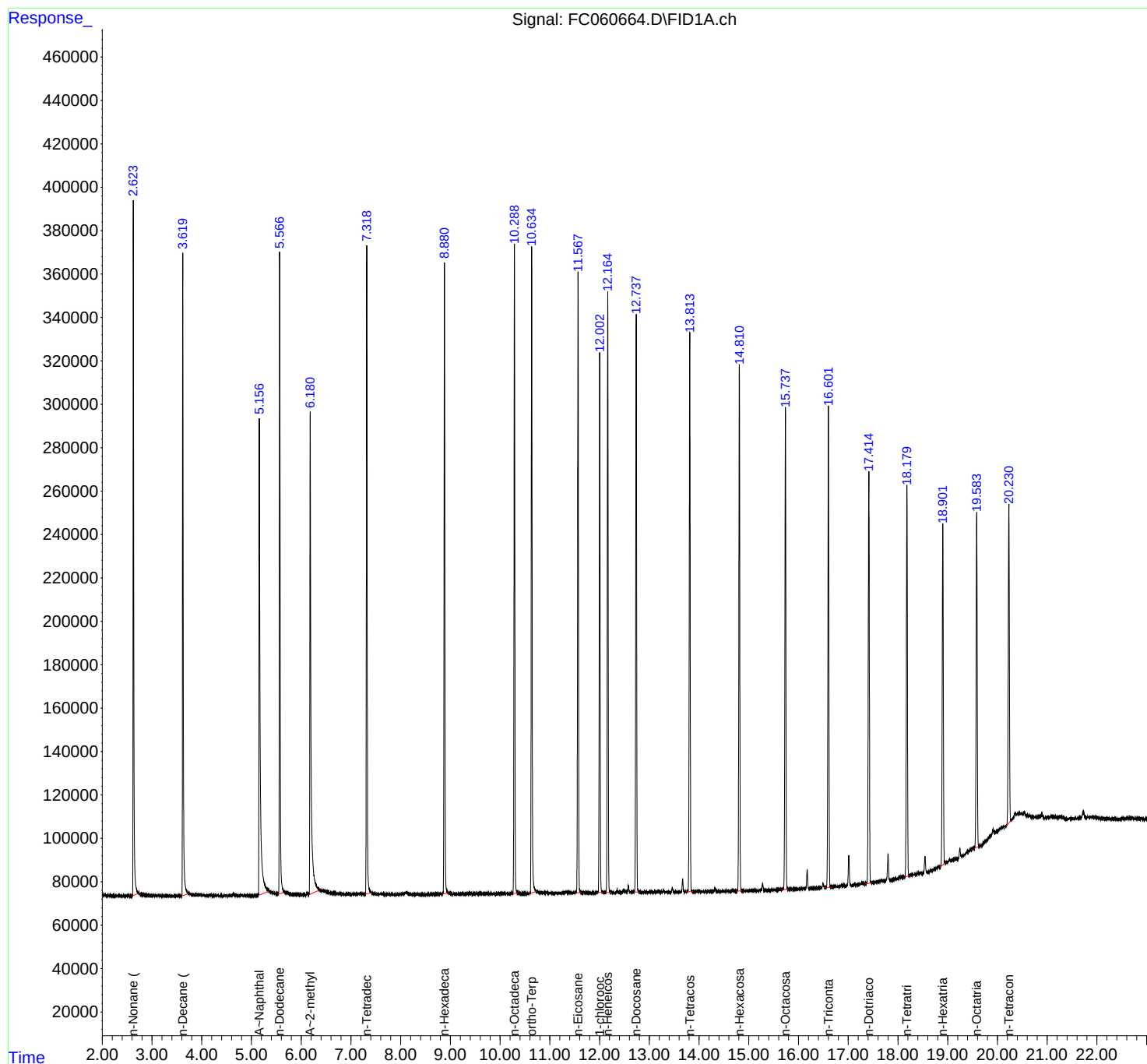
(f)=RT Delta > 1/2 Window

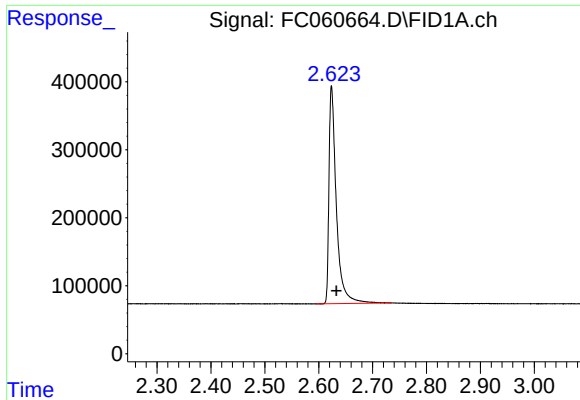
(m)=manual int.

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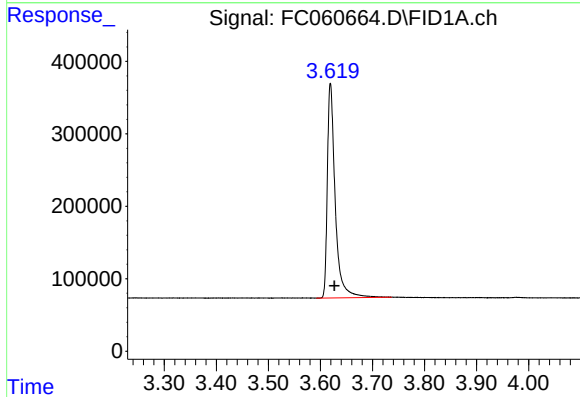
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





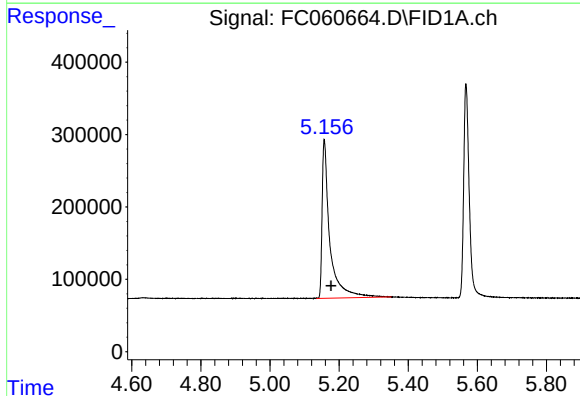
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 3047285
Conc: 19.87 ug/ml



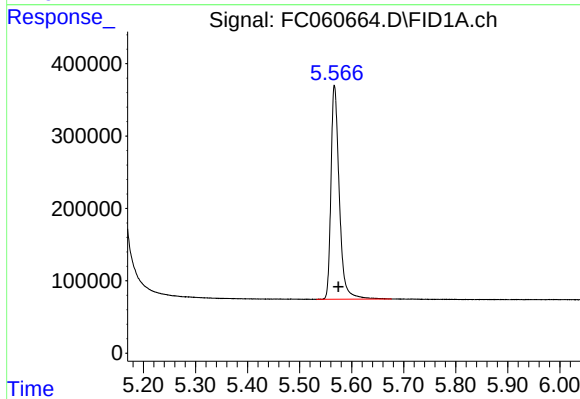
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 3113547
Conc: 20.39 ug/ml



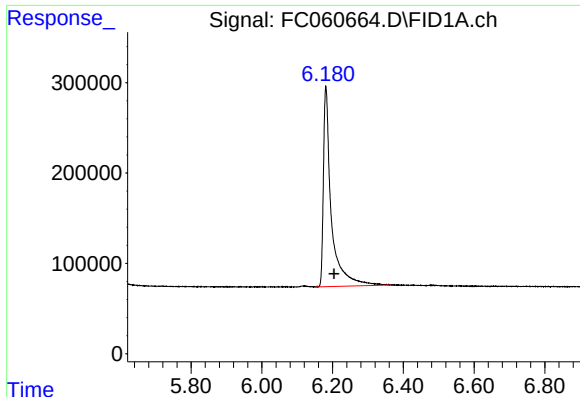
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.019 min
Response: 3412129
Conc: 20.41 ug/ml



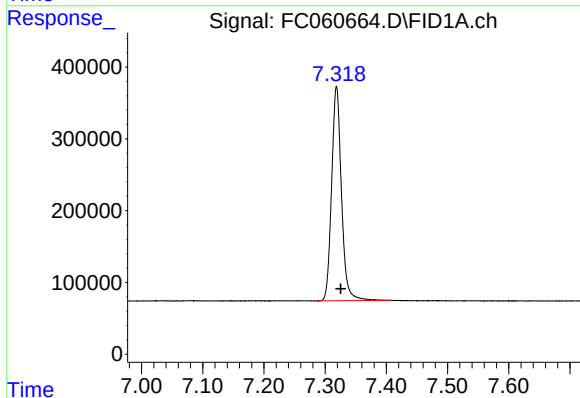
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.007 min
Response: 3286868
Conc: 20.34 ug/ml



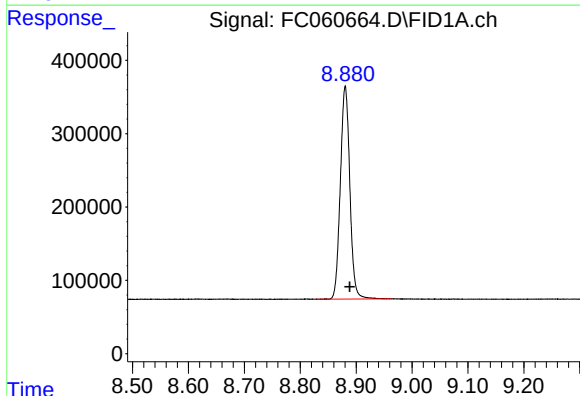
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 3452422
Conc: 20.31 ug/ml



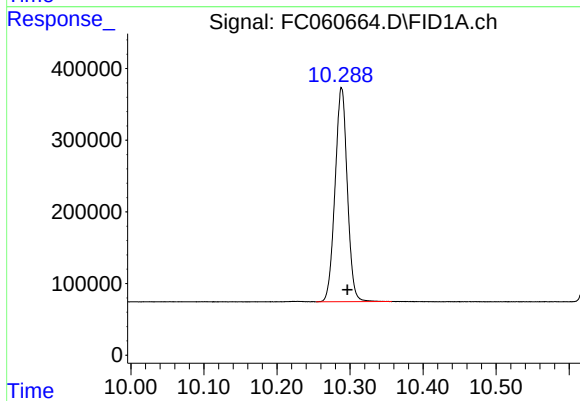
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 3332869
Conc: 20.17 ug/ml



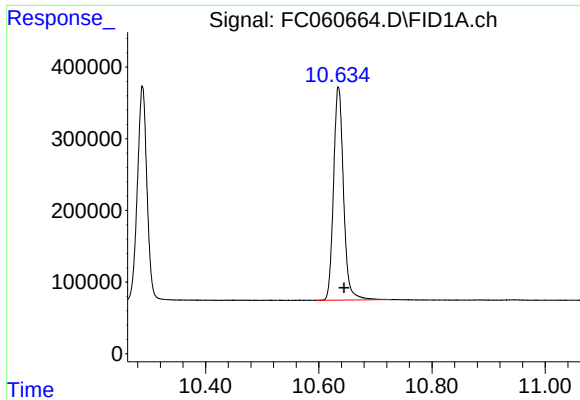
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: -0.008 min
Response: 3423854
Conc: 20.26 ug/ml



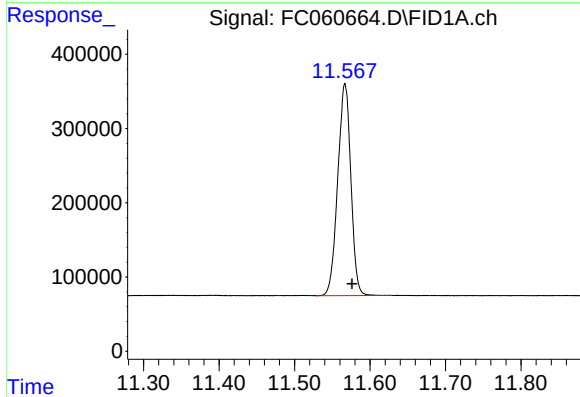
#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: -0.008 min
Response: 3484853
Conc: 20.26 ug/ml



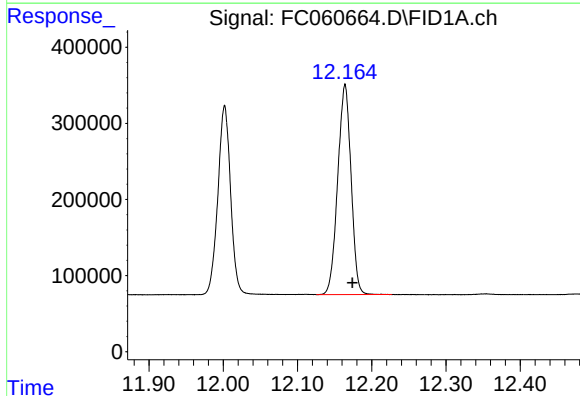
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: -0.010 min
Response: 3646061
Conc: 19.90 ug/ml



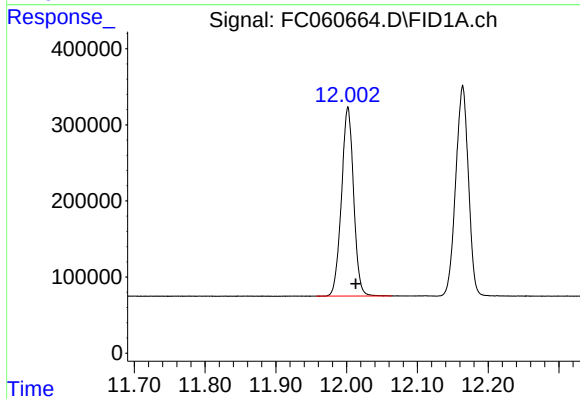
#10 n-Eicosane (C20)

R.T.: 11.567 min
Delta R.T.: -0.009 min
Response: 3453551
Conc: 20.24 ug/ml



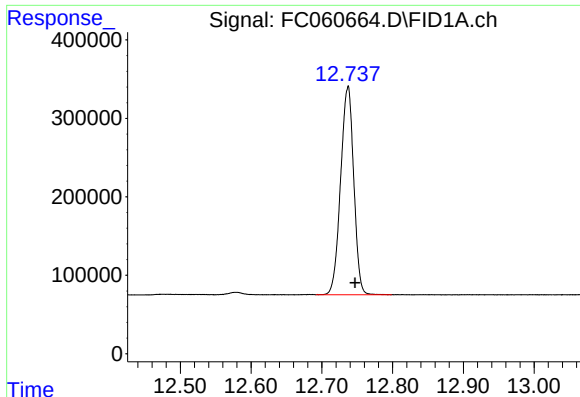
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.010 min
Response: 3445700
Conc: 20.21 ug/ml



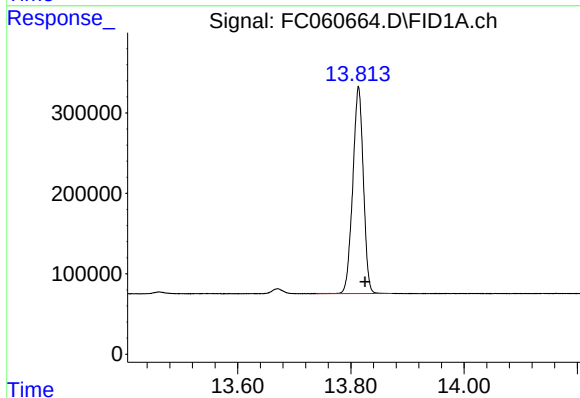
#12 1-chlorooctadecane (SURR)

R.T.: 12.002 min
Delta R.T.: -0.011 min
Response: 2954102
Conc: 20.04 ug/ml



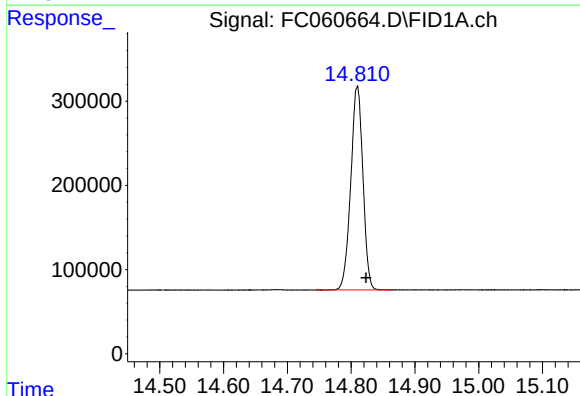
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 3420146
Conc: 20.06 ug/ml



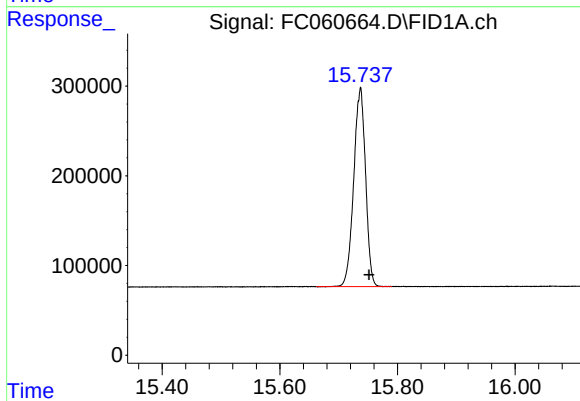
#14 n-Tetracosane (C24)

R.T.: 13.813 min
Delta R.T.: -0.012 min
Response: 3334840
Conc: 19.86 ug/ml



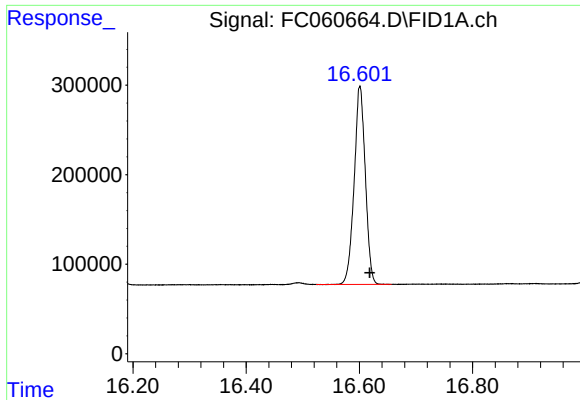
#15 n-Hexacosane (C26)

R.T.: 14.810 min
Delta R.T.: -0.014 min
Response: 3206543
Conc: 19.51 ug/ml



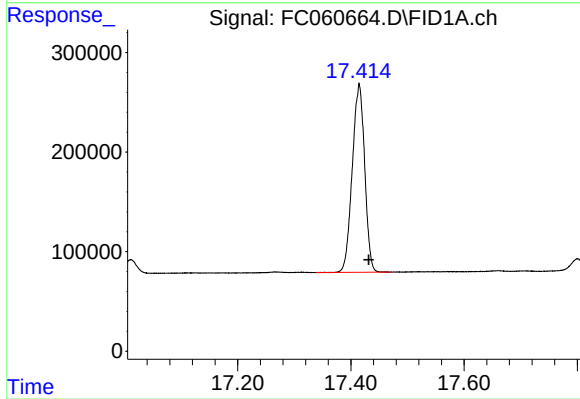
#16 n-Octacosane (C28)

R.T.: 15.737 min
Delta R.T.: -0.015 min
Response: 3097981
Conc: 19.52 ug/ml



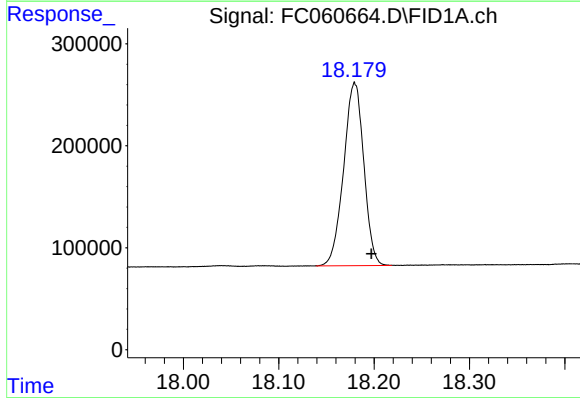
#17 n-Tricontane (C30)

R.T.: 16.601 min
Delta R.T.: -0.018 min
Response: 3035871
Conc: 19.94 ug/ml



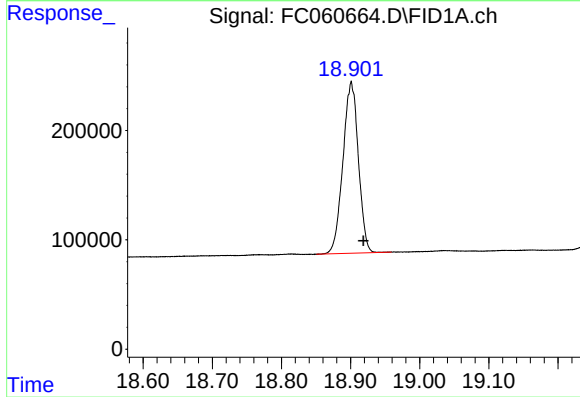
#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.017 min
Response: 2874931
Conc: 19.78 ug/ml



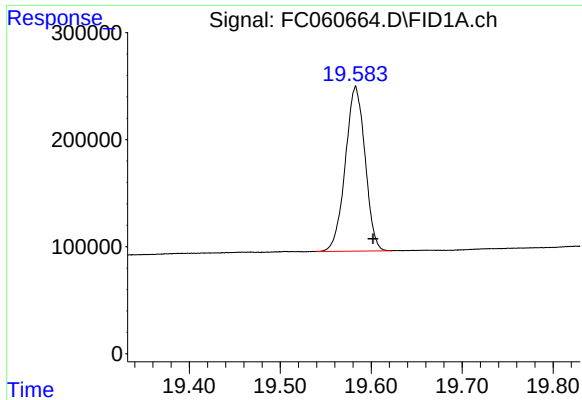
#19 n-Tetratriacontane (C34)

R.T.: 18.179 min
Delta R.T.: -0.018 min
Response: 2637339
Conc: 20.76 ug/ml m



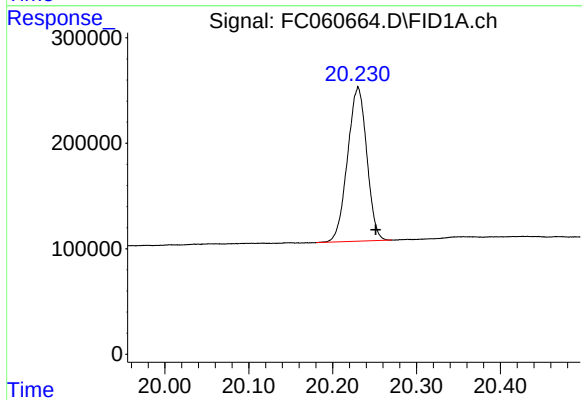
#20 n-Hexatriacontane (C36)

R.T.: 18.901 min
Delta R.T.: -0.018 min
Response: 2430890
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.583 min
Delta R.T.: -0.019 min
Response: 2316822
Conc: 21.16 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.230 min
Delta R.T.: -0.021 min
Response: 2325733
Conc: 20.59 ug/ml