

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092922AL\
 Data File : FC061677.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2022 15:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 18:00:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.574	3042327	17.802 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
12) S 1-chlorooctadecane (S...	13.012	2354718	17.237 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
Target Compounds			
1) T n-Nonane (C9)	3.324	2897164	19.409 ug/ml
2) T n-Decane (C10)	4.395	2974200	19.717 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3251662	19.608 ug/ml
4) T n-Dodecane (C12)	6.415	2983083	19.618 ug/ml
5) T A~2-methylnaphthalene...	7.038	3194577	19.420 ug/ml
6) T n-Tetradecane (C14)	8.213	2940398	19.286 ug/ml
7) T n-Hexadecane (C16)	9.815	2908279	18.808 ug/ml
8) T n-Octadecane (C18)	11.258	2889606	18.330 ug/ml
10) T n-Eicosane (C20)	12.568	2814575	17.662 ug/ml
11) T n-Heneicosane (C21)	13.181	2771117	17.272 ug/ml
13) T n-Docosane (C22)	13.767	2732404	17.007 ug/ml
14) T n-Tetracosane (C24)	14.871	2627896	16.405 ug/ml
15) T n-Hexacosane (C26)	15.893	2525892	15.933 ug/ml
16) T n-Octacosane (C28)	16.843	2461606	15.882 ug/ml
17) T n-Tricontane (C30)	17.731	2565112	16.668 ug/ml
18) T n-Dotriacontane (C32)	18.564	2651480	17.536 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2445346	17.246 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2429675	17.599 ug/ml
21) T n-Octatriacontane (C38)	20.823	2373249	18.325 ug/mlm
22) T n-Tetracontane (C40)	21.737	2174509	17.794 ug/ml

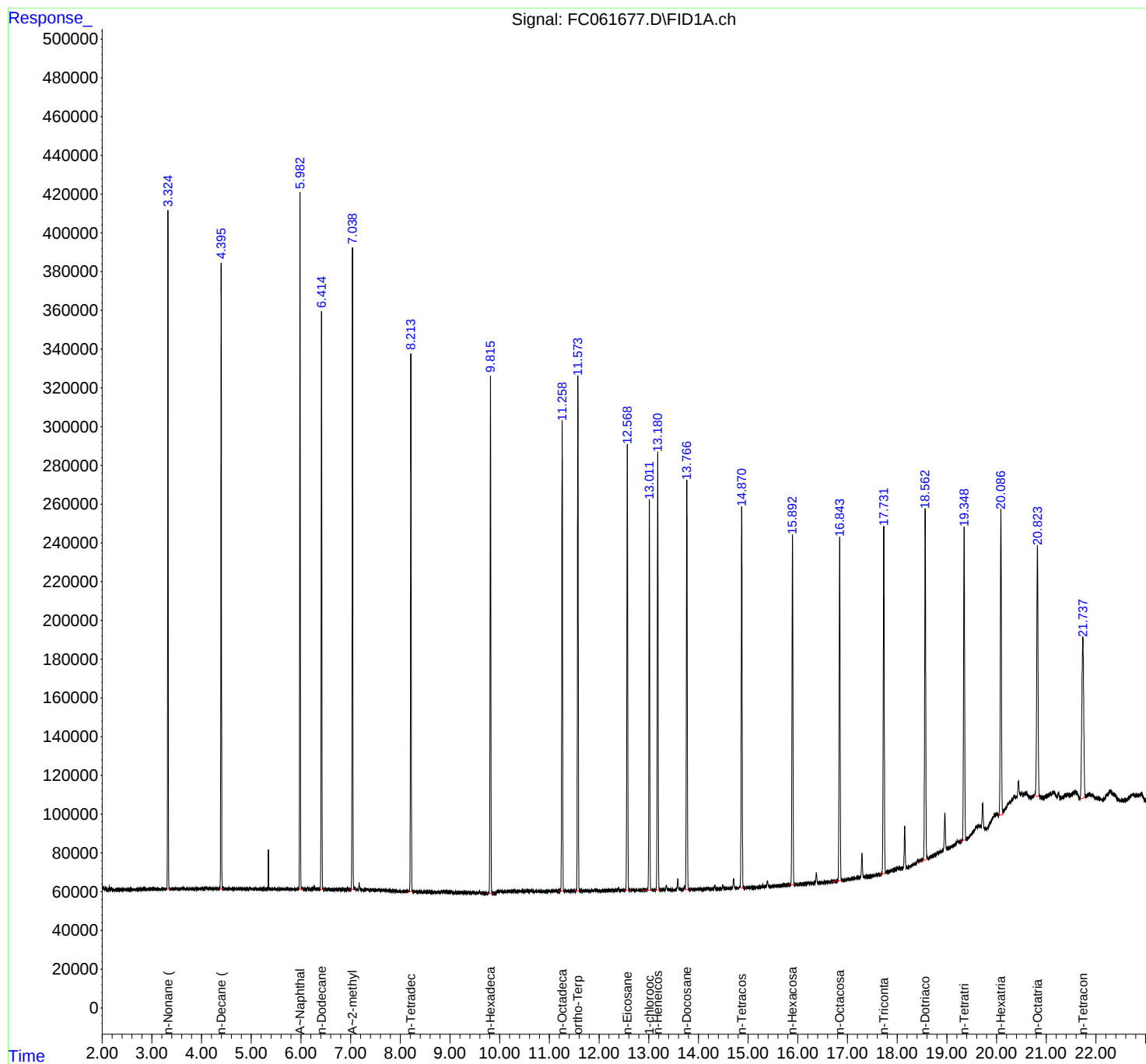
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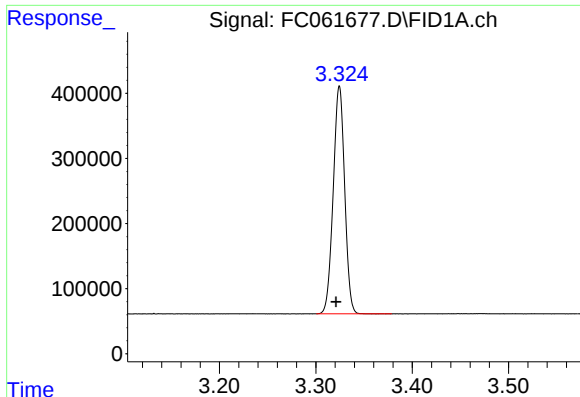
(m)=manual int.

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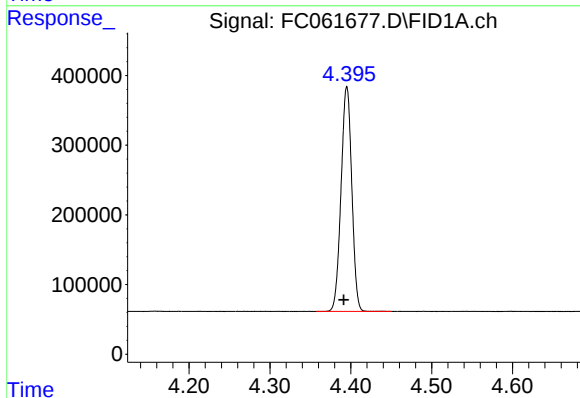
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





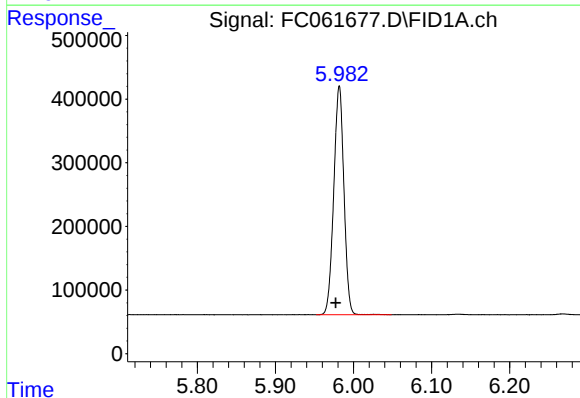
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.003 min
Response: 2897164
Conc: 19.41 ug/ml



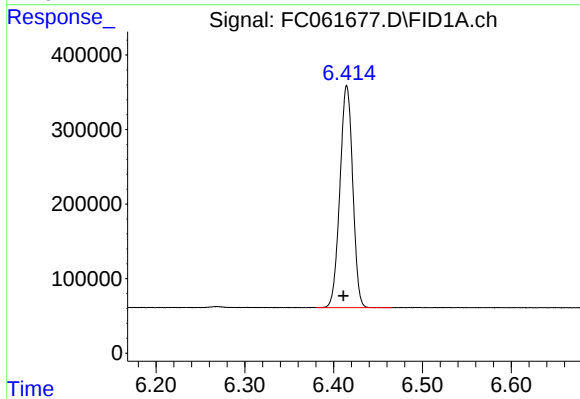
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.004 min
Response: 2974200
Conc: 19.72 ug/ml



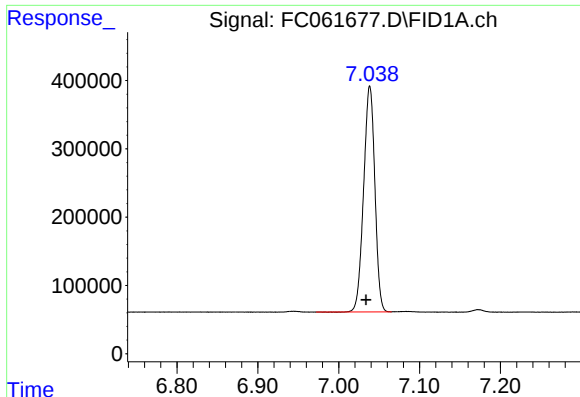
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.004 min
Response: 3251662
Conc: 19.61 ug/ml



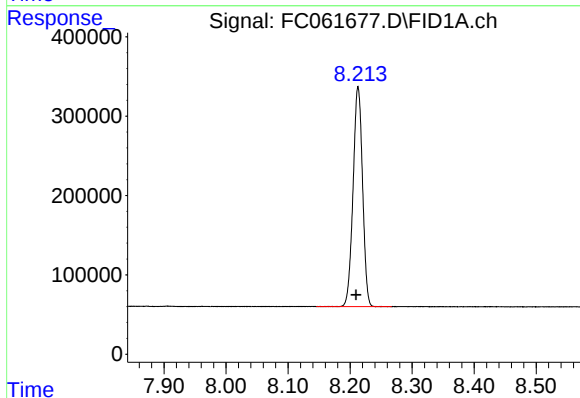
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 2983083
Conc: 19.62 ug/ml



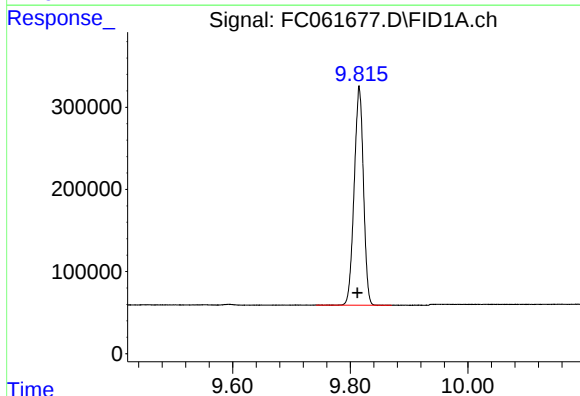
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: 0.005 min
Response: 3194577
Conc: 19.42 ug/ml



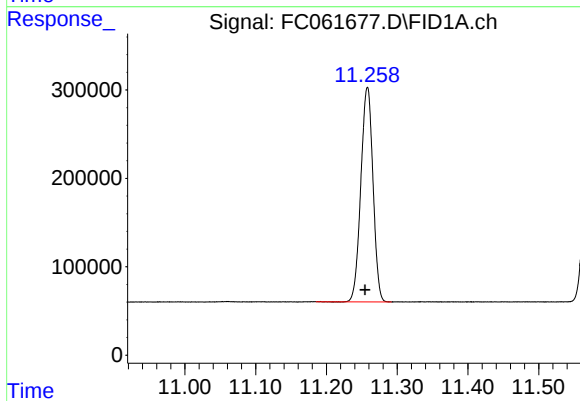
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.003 min
Response: 2940398
Conc: 19.29 ug/ml



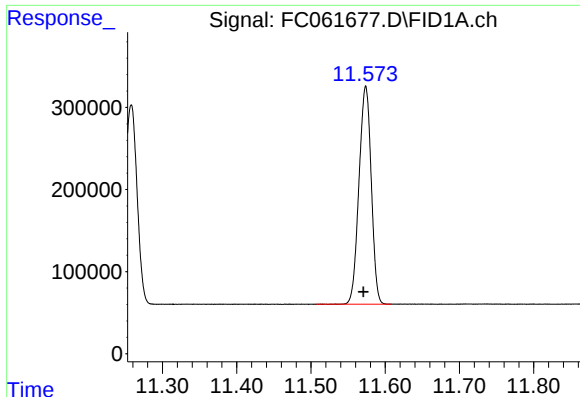
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: 0.003 min
Response: 2908279
Conc: 18.81 ug/ml



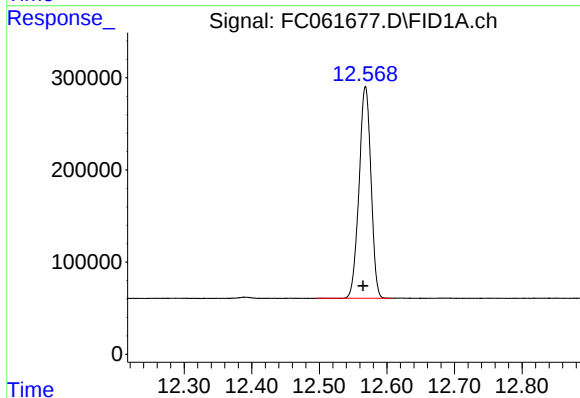
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.003 min
Response: 2889606
Conc: 18.33 ug/ml



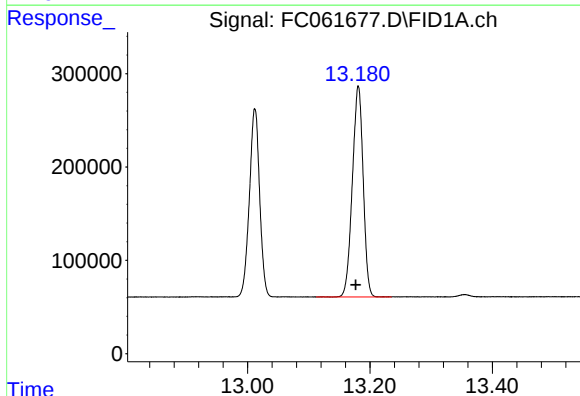
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: 0.003 min
Response: 3042327
Conc: 17.80 ug/ml



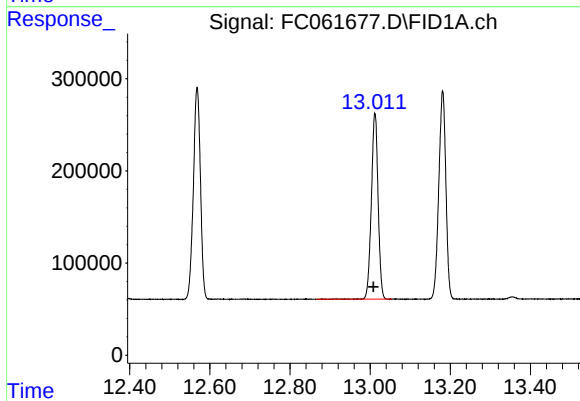
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.004 min
Response: 2814575
Conc: 17.66 ug/ml



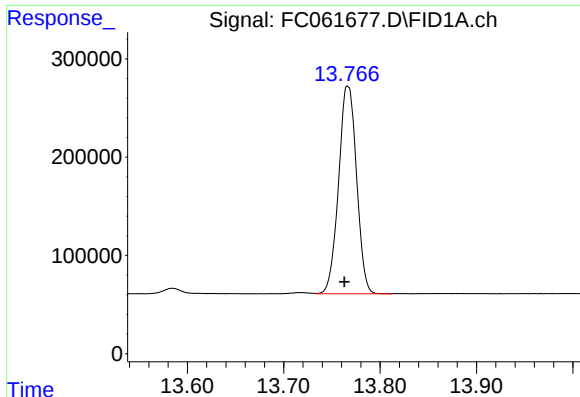
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.004 min
Response: 2771117
Conc: 17.27 ug/ml



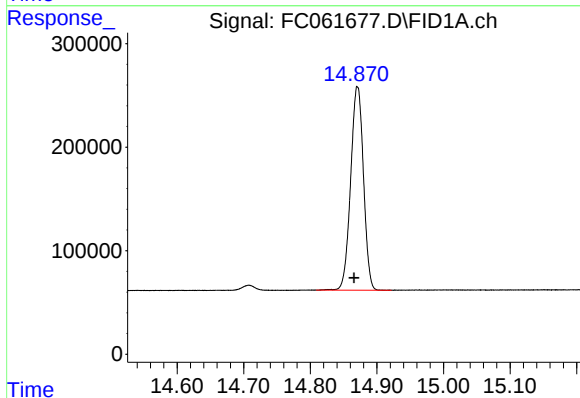
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: 0.004 min
Response: 2354718
Conc: 17.24 ug/ml



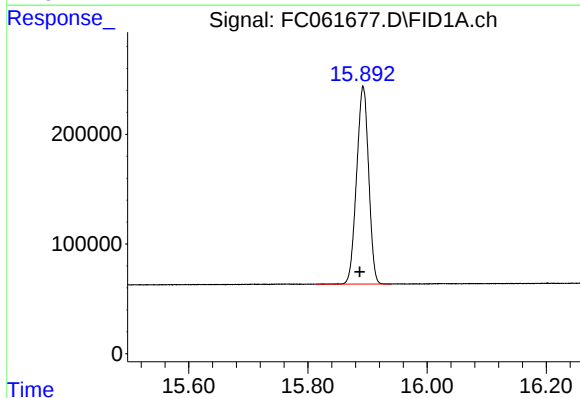
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: 0.004 min
Response: 2732404
Conc: 17.01 ug/ml



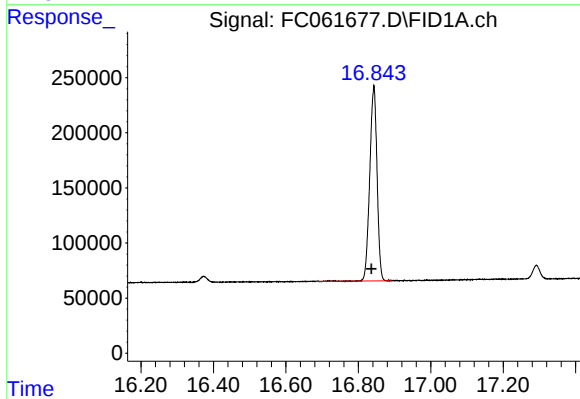
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: 0.005 min
Response: 2627896
Conc: 16.40 ug/ml



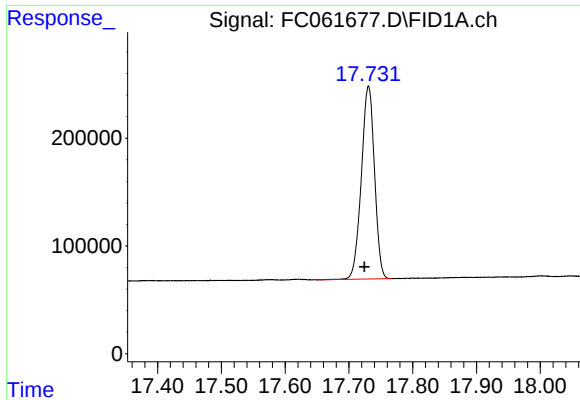
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.006 min
Response: 2525892
Conc: 15.93 ug/ml



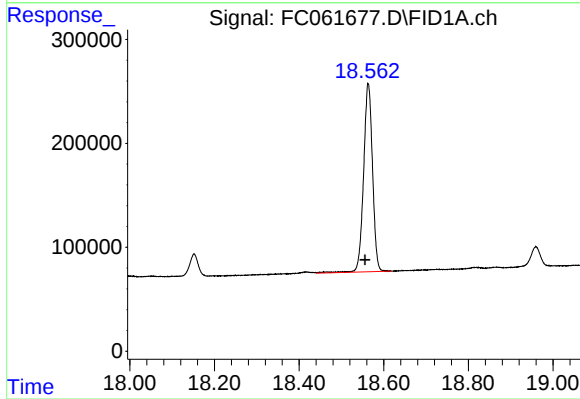
#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.007 min
Response: 2461606
Conc: 15.88 ug/ml



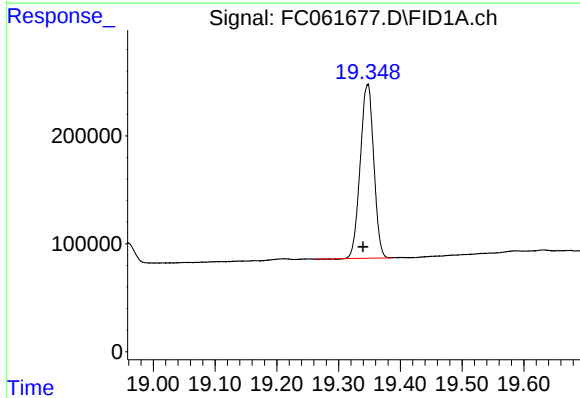
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.006 min
Response: 2565112
Conc: 16.67 ug/ml



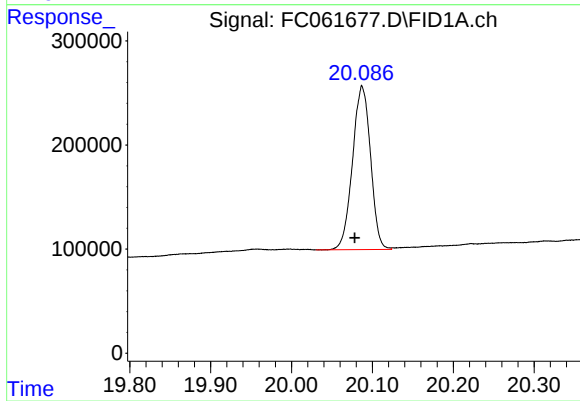
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.008 min
Response: 2651480
Conc: 17.54 ug/ml



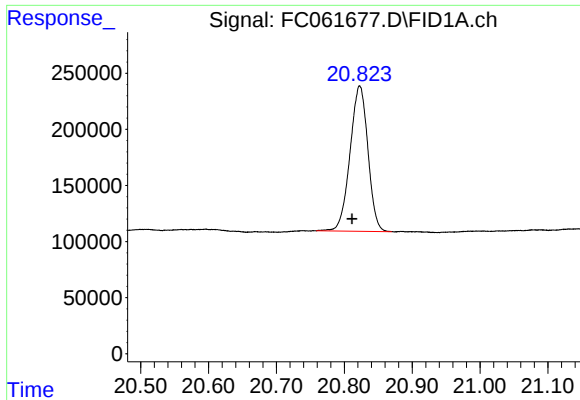
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.007 min
Response: 2445346
Conc: 17.25 ug/ml



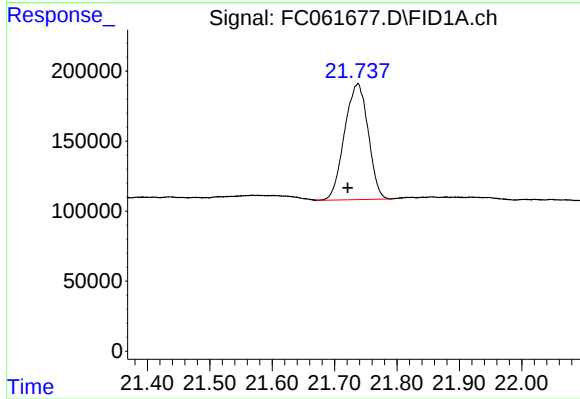
#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: 0.009 min
Response: 2429675
Conc: 17.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: 0.011 min
Response: 2373249
Conc: 18.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: 0.016 min
Response: 2174509
Conc: 17.79 ug/ml