

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031124AL\
 Data File : FC065968.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2024 11:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 15:40:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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)	11.500	3670703	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.930	2664726	18.278 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.285	3212269	19.227 ug/ml
2) T n-Decane (C10)	4.348	3300991	19.033 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3499899	19.503 ug/ml
4) T n-Dodecane (C12)	6.364	3360789	19.071 ug/ml
5) T A~2-methylnaphthalene...	6.994	3264680	19.166 ug/ml
6) T n-Tetradecane (C14)	8.154	3270224	18.806 ug/ml
7) T n-Hexadecane (C16)	9.749	3351642	18.761 ug/ml
8) T n-Octadecane (C18)	11.185	3337998	18.364 ug/ml
10) T n-Eicosane (C20)	12.487	3257150	18.653 ug/ml
11) T n-Heneicosane (C21)	13.096	3221571	18.581 ug/ml
13) T n-Docosane (C22)	13.679	3191540	18.557 ug/ml
14) T n-Tetracosane (C24)	14.775	3189246	18.673 ug/ml
15) T n-Hexacosane (C26)	15.790	3169629	18.823 ug/ml
16) T n-Octacosane (C28)	16.735	3141744	18.896 ug/ml
17) T n-Tricontane (C30)	17.619	3208346	18.791 ug/ml
18) T n-Dotriacontane (C32)	18.447	3174177	18.830 ug/ml
19) T n-Tetratriacontane (C34)	19.226	3100414	18.917 ug/ml
20) T n-Hexatriacontane (C36)	19.964	3048097	19.171 ug/ml
21) T n-Octatriacontane (C38)	20.680	2934700	18.735 ug/ml
22) T n-Tetracontane (C40)	21.552	2799182	17.701 ug/ml

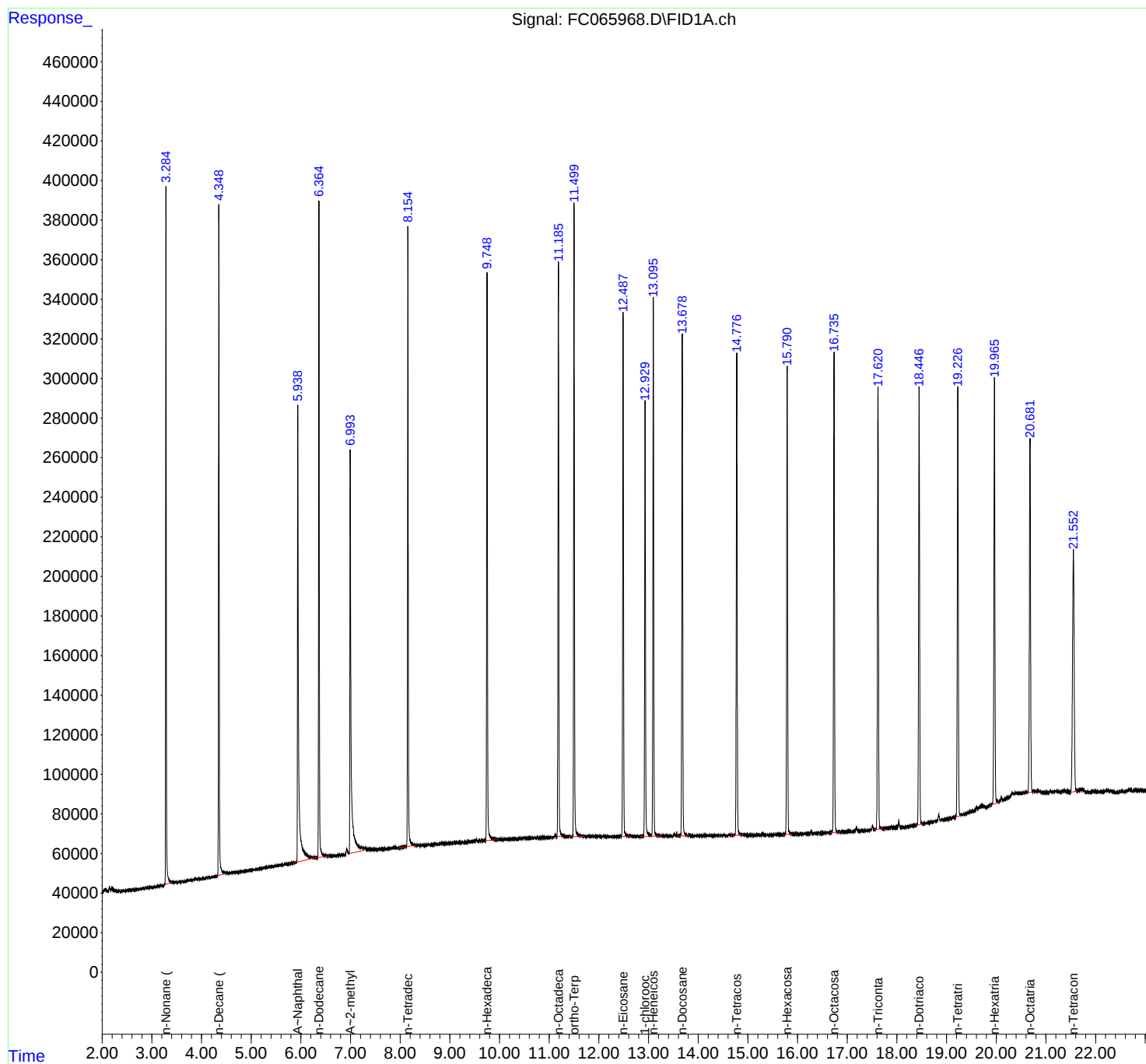
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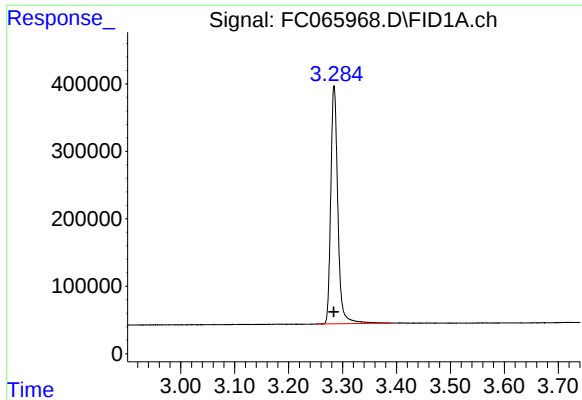
(m)=manual int.

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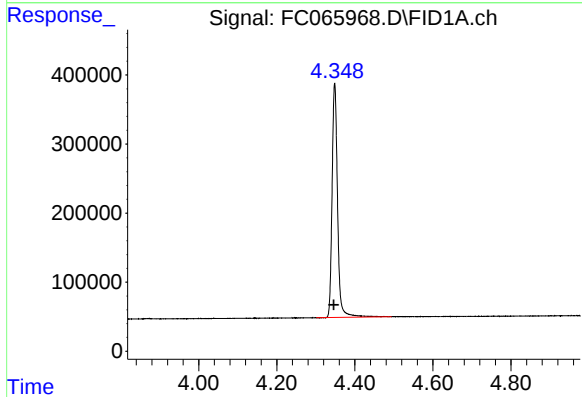
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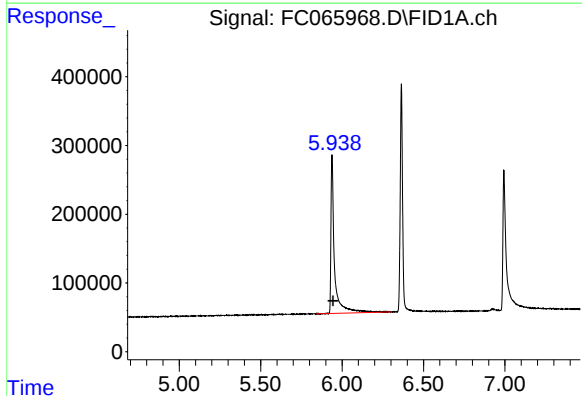
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 3212269
Conc: 19.23 ug/ml



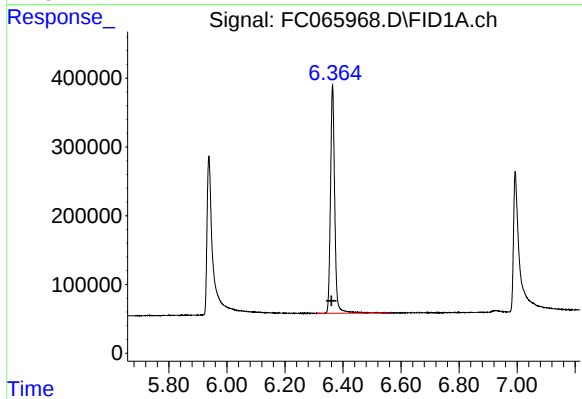
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 3300991
Conc: 19.03 ug/ml



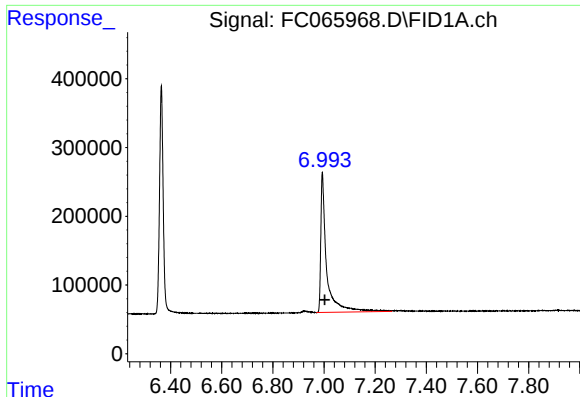
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 3499899
Conc: 19.50 ug/ml



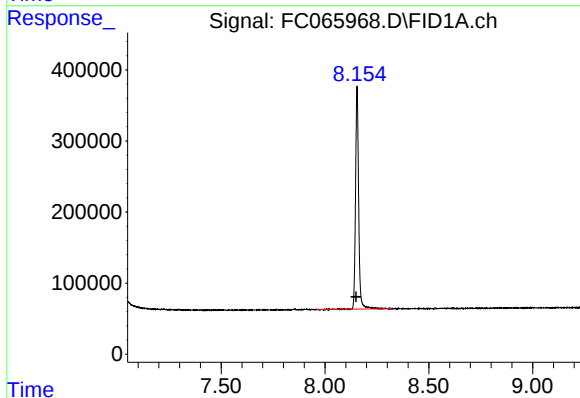
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 3360789
Conc: 19.07 ug/ml



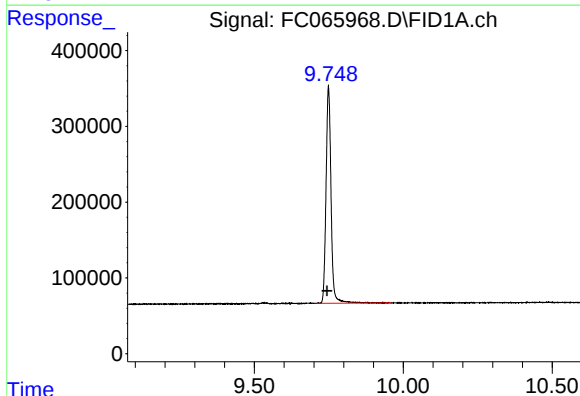
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.008 min
Response: 3264680
Conc: 19.17 ug/ml



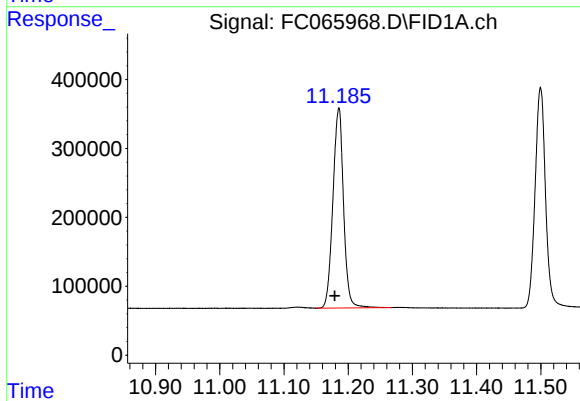
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.006 min
Response: 3270224
Conc: 18.81 ug/ml



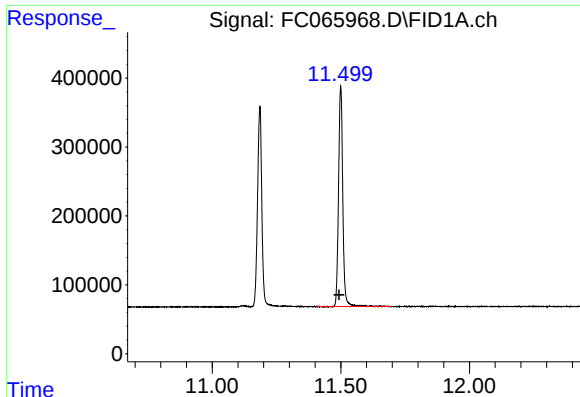
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.005 min
Response: 3351642
Conc: 18.76 ug/ml



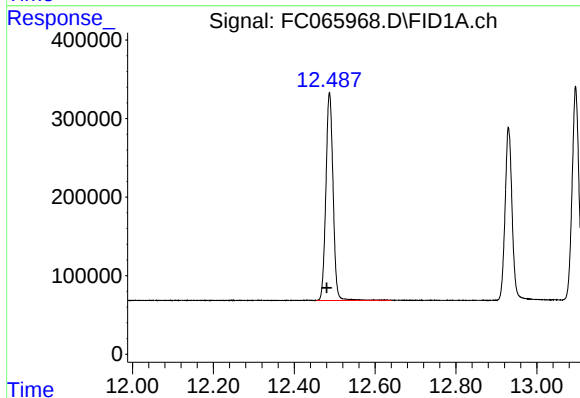
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.006 min
Response: 3337998
Conc: 18.36 ug/ml



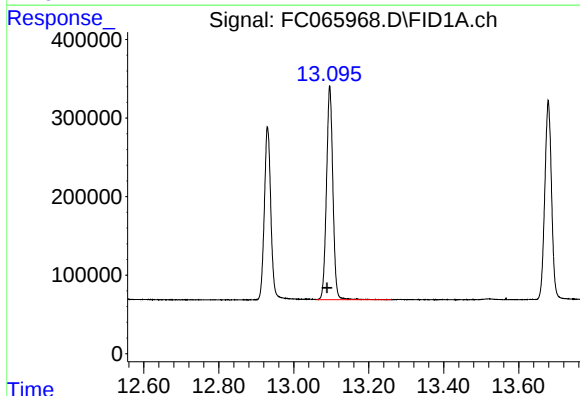
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: 0.007 min
Response: 3670703
Conc: 18.78 ug/ml



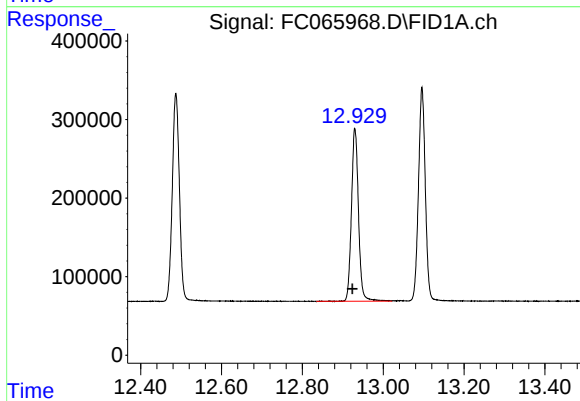
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.007 min
Response: 3257150
Conc: 18.65 ug/ml



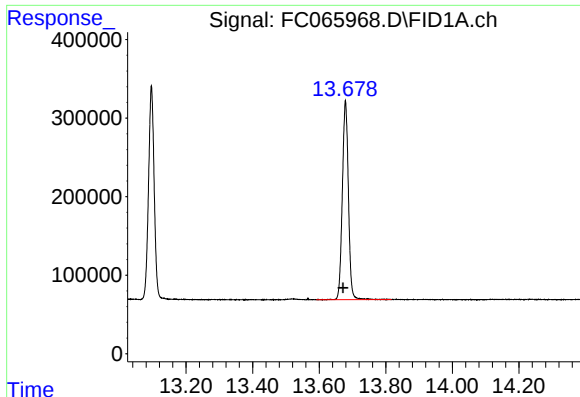
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.008 min
Response: 3221571
Conc: 18.58 ug/ml



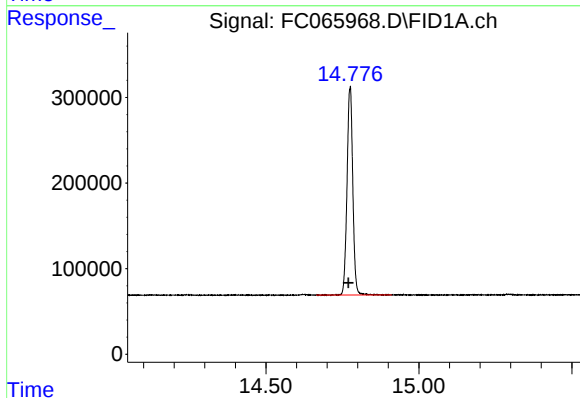
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.007 min
Response: 2664726
Conc: 18.28 ug/ml



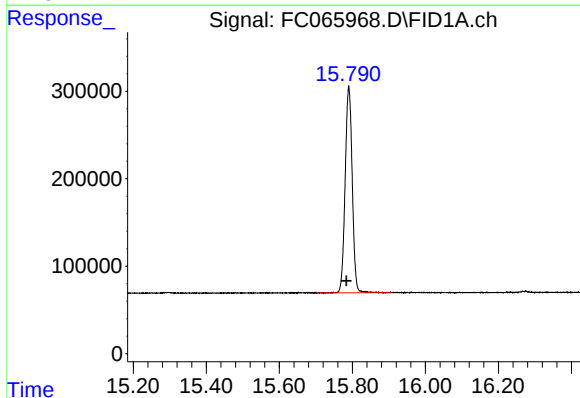
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.007 min
Response: 3191540
Conc: 18.56 ug/ml



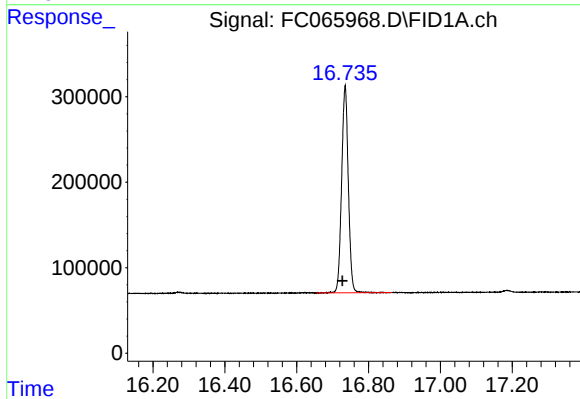
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.006 min
Response: 3189246
Conc: 18.67 ug/ml



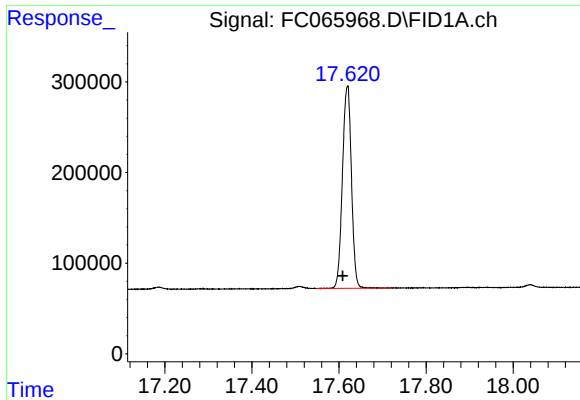
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.006 min
Response: 3169629
Conc: 18.82 ug/ml



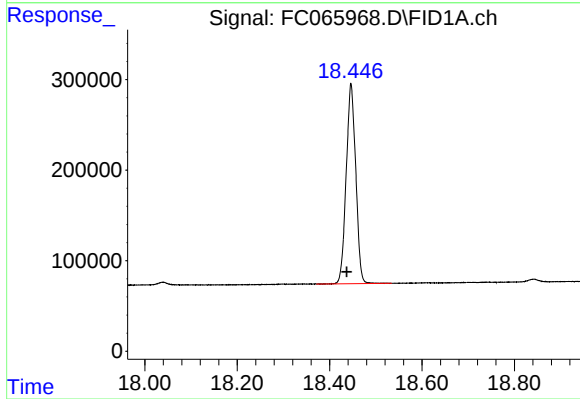
#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.007 min
Response: 3141744
Conc: 18.90 ug/ml



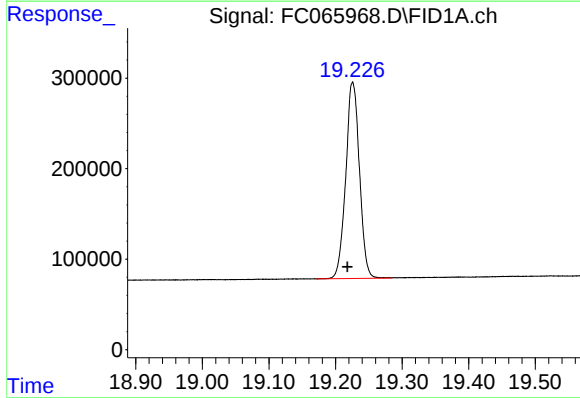
#17 n-Tricontane (C30)

R.T.: 17.619 min
Delta R.T.: 0.010 min
Response: 3208346
Conc: 18.79 ug/ml



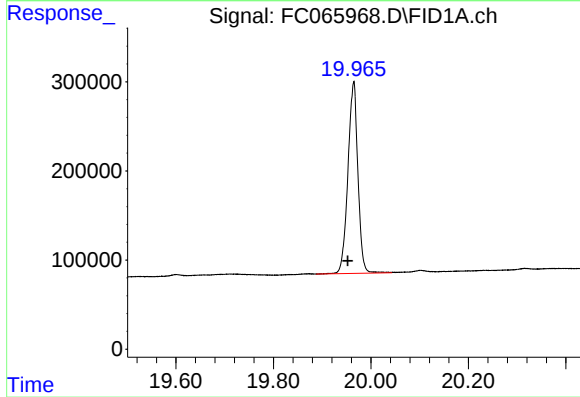
#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: 0.010 min
Response: 3174177
Conc: 18.83 ug/ml



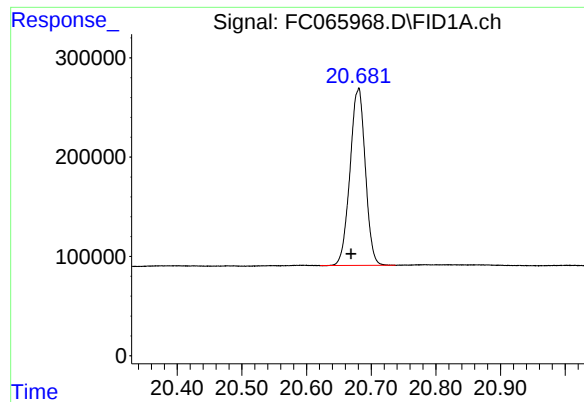
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.008 min
Response: 3100414
Conc: 18.92 ug/ml



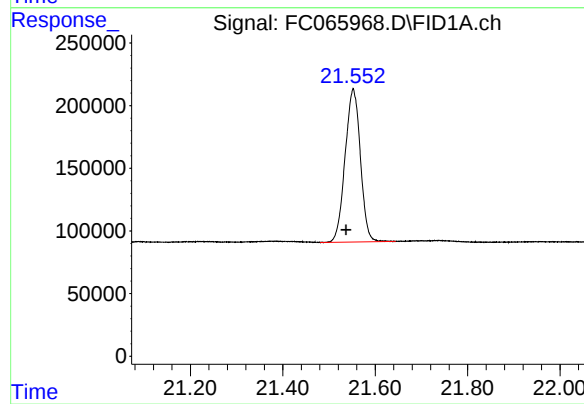
#20 n-Hexatriacontane (C36)

R.T.: 19.964 min
Delta R.T.: 0.011 min
Response: 3048097
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: 0.011 min
Response: 2934700
Conc: 18.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.015 min
Response: 2799182
Conc: 17.70 ug/ml