

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032224AL\
 Data File : FC066096.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 11:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:23:26 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)	11.470	3551369	18.172 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	12.897	2657897	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.275	2984680	17.865 ug/ml
2) T n-Decane (C10)	4.335	3126396	18.026 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3363539	18.743 ug/ml
4) T n-Dodecane (C12)	6.344	3264704	18.526 ug/ml
5) T A~2-methylnaphthalene...	6.979	2989920	17.553 ug/ml
6) T n-Tetradecane (C14)	8.131	3192336	18.358 ug/ml
7) T n-Hexadecane (C16)	9.723	3240473	18.139 ug/ml
8) T n-Octadecane (C18)	11.155	3282472	18.059 ug/ml
10) T n-Eicosane (C20)	12.454	3157508	18.083 ug/ml
11) T n-Heneicosane (C21)	13.062	3154691	18.195 ug/ml
13) T n-Docosane (C22)	13.644	3213713	18.686 ug/ml
14) T n-Tetracosane (C24)	14.739	3270898	19.151 ug/ml
15) T n-Hexacosane (C26)	15.751	3264580	19.387 ug/ml
16) T n-Octacosane (C28)	16.695	3350360	20.151 ug/ml
17) T n-Tricontane (C30)	17.573	3505152	20.529 ug/ml
18) T n-Dotriacontane (C32)	18.400	3324365	19.721 ug/ml
19) T n-Tetratriacontane (C34)	19.177	3264353	19.917 ug/ml
20) T n-Hexatriacontane (C36)	19.911	2769434	17.418 ug/ml
21) T n-Octatriacontane (C38)	20.621	2958192	18.885 ug/ml
22) T n-Tetracontane (C40)	21.471	2872469	18.164 ug/ml

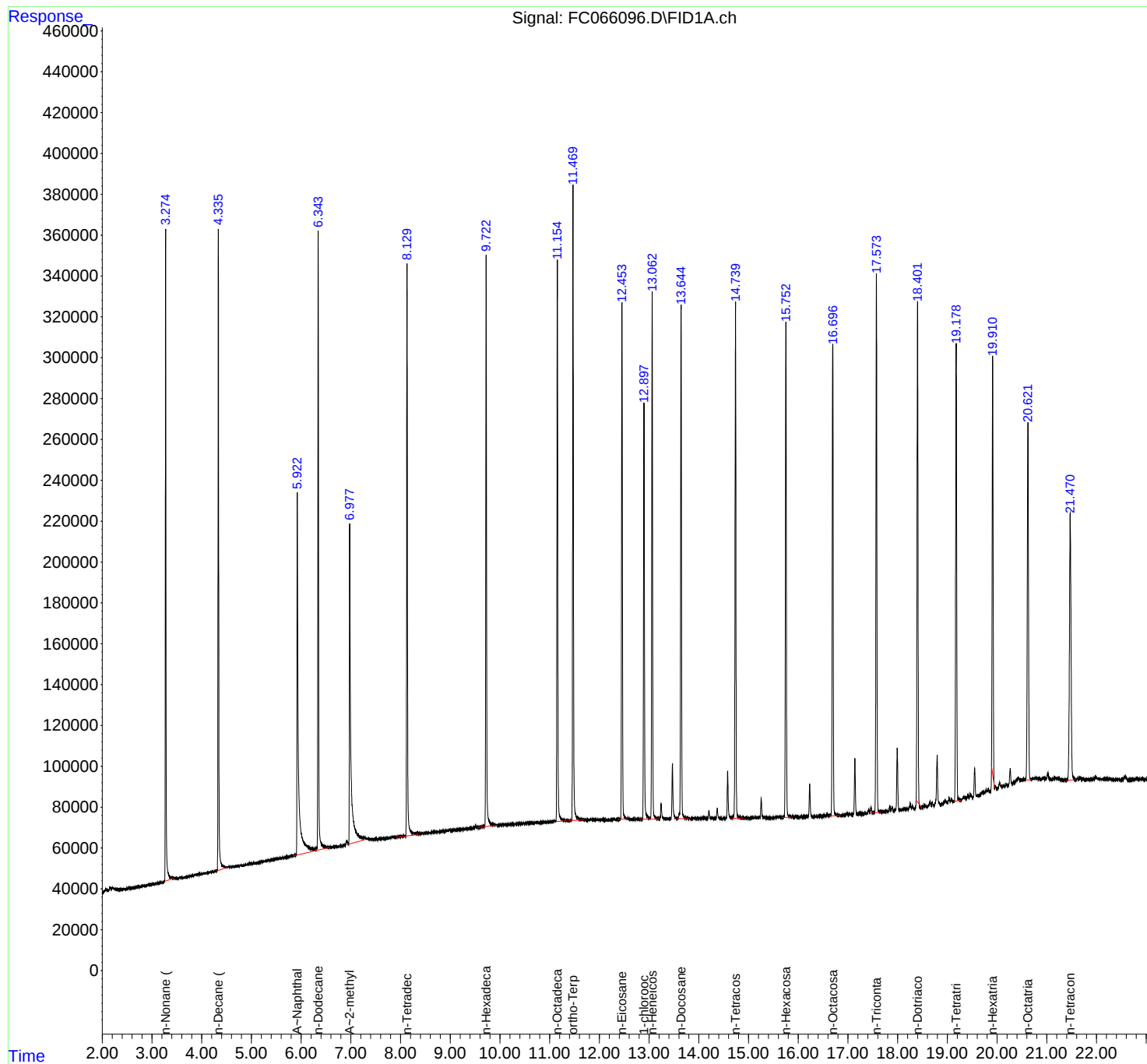
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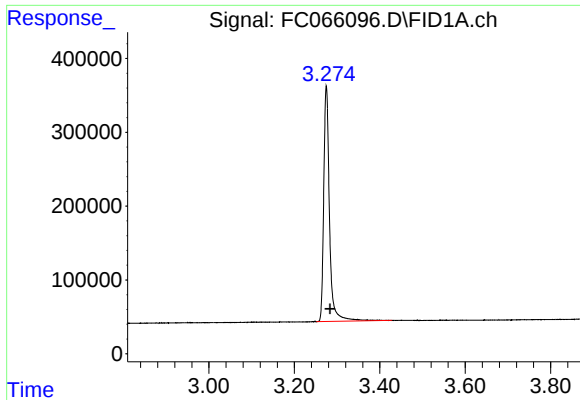
(m)=manual int.

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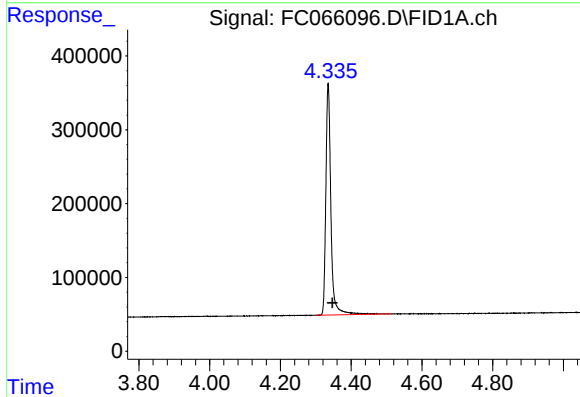
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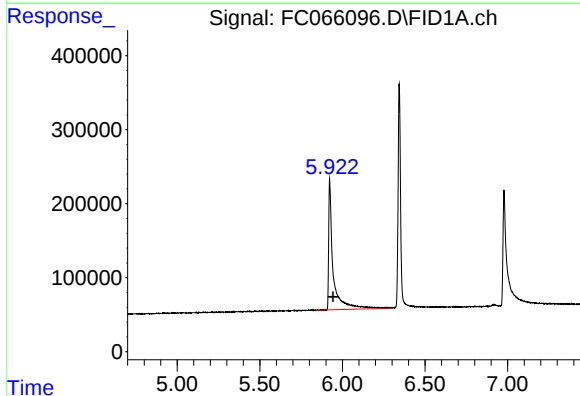
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.009 min
Response: 2984680
Conc: 17.86 ug/ml



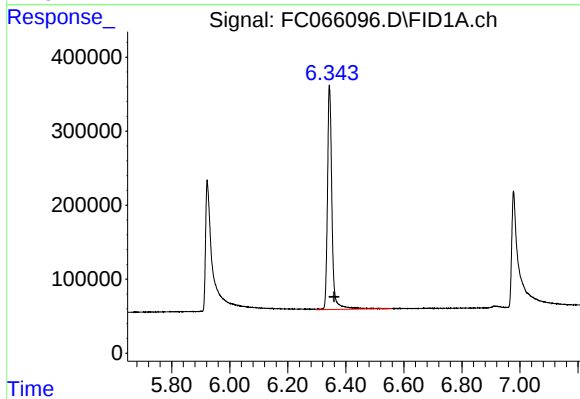
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 3126396
Conc: 18.03 ug/ml



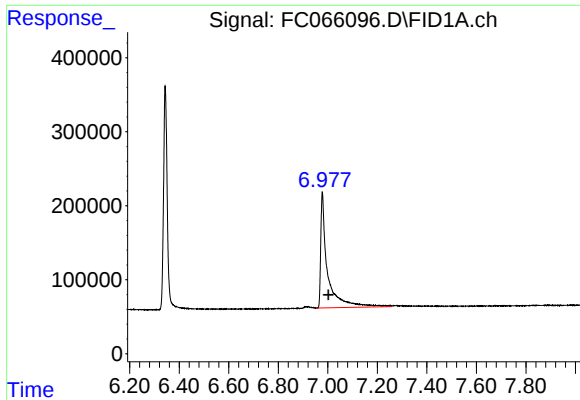
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3363539
Conc: 18.74 ug/ml



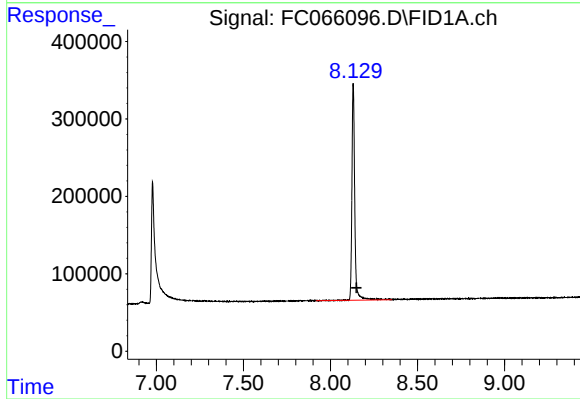
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.016 min
Response: 3264704
Conc: 18.53 ug/ml



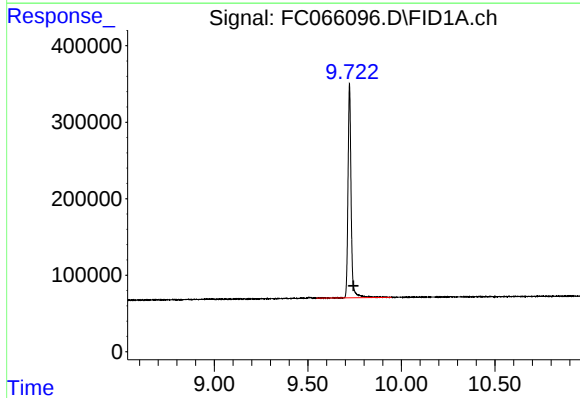
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.024 min
Response: 2989920
Conc: 17.55 ug/ml



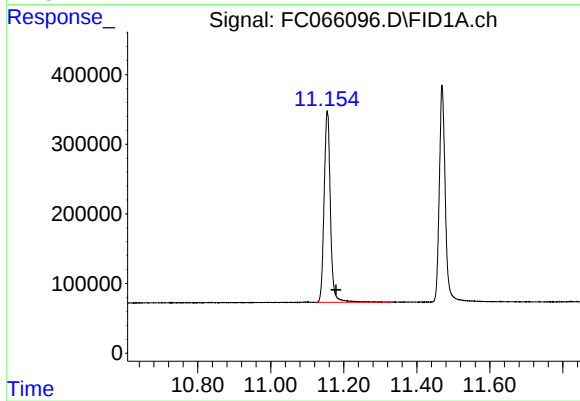
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 3192336
Conc: 18.36 ug/ml



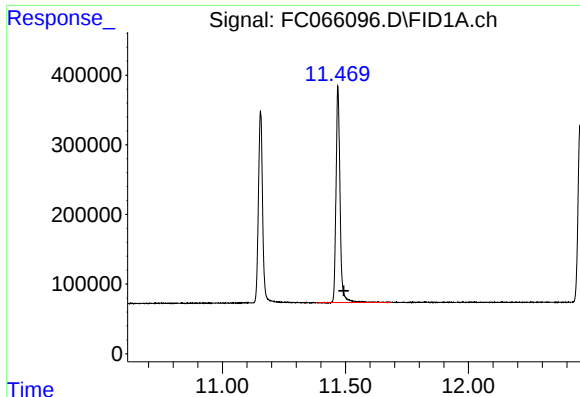
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.021 min
Response: 3240473
Conc: 18.14 ug/ml



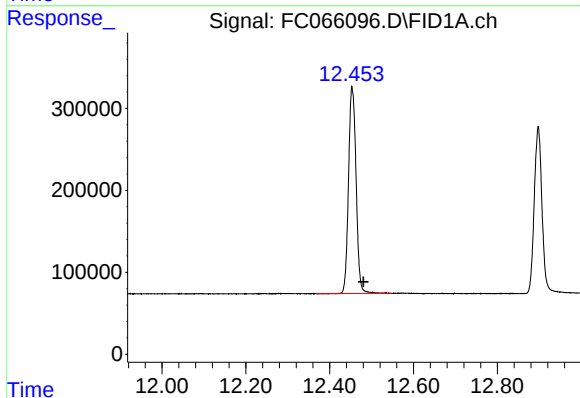
#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.024 min
Response: 3282472
Conc: 18.06 ug/ml



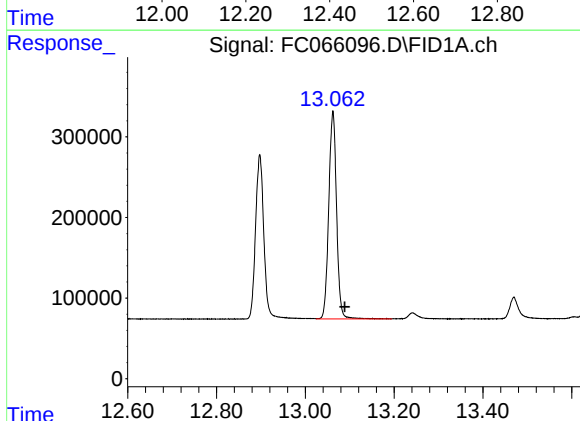
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.023 min
Response: 3551369
Conc: 18.17 ug/ml



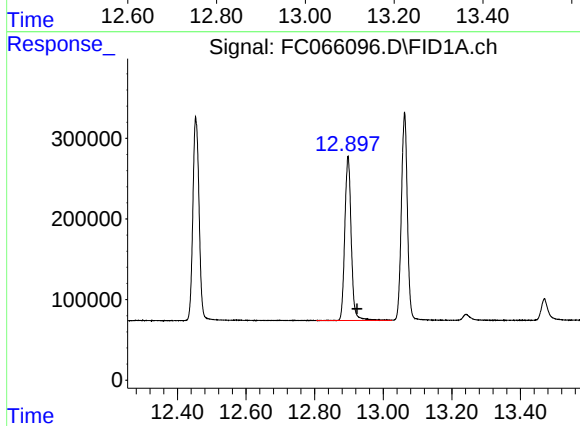
#10 n-Eicosane (C20)

R.T.: 12.454 min
Delta R.T.: -0.027 min
Response: 3157508
Conc: 18.08 ug/ml



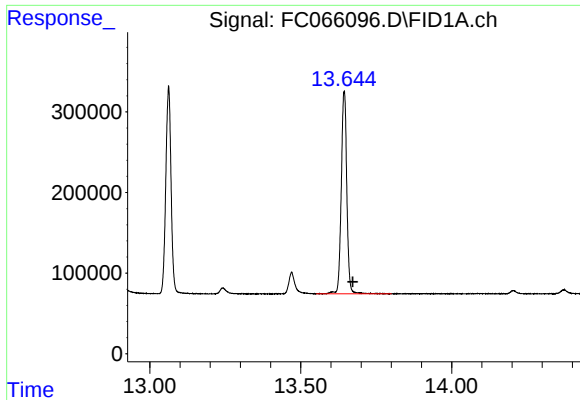
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.027 min
Response: 3154691
Conc: 18.20 ug/ml



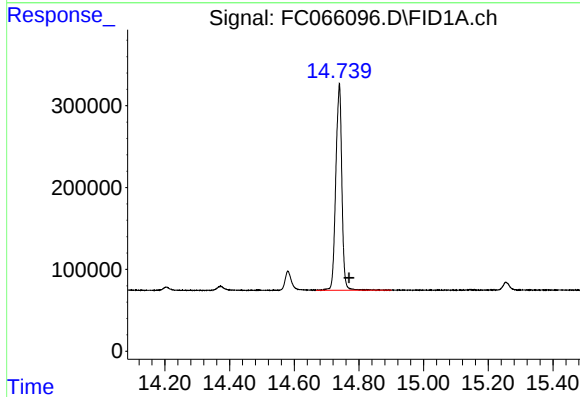
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.026 min
Response: 2657897
Conc: 18.23 ug/ml



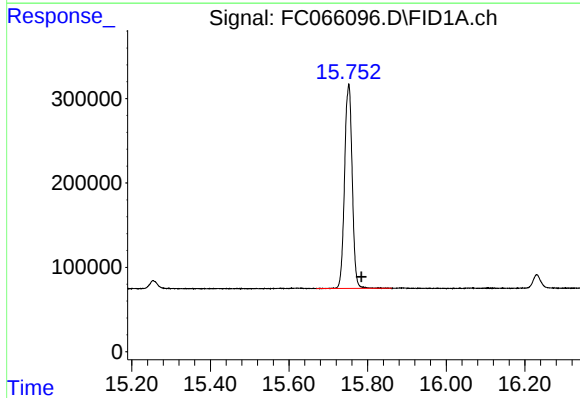
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.028 min
Response: 3213713
Conc: 18.69 ug/ml



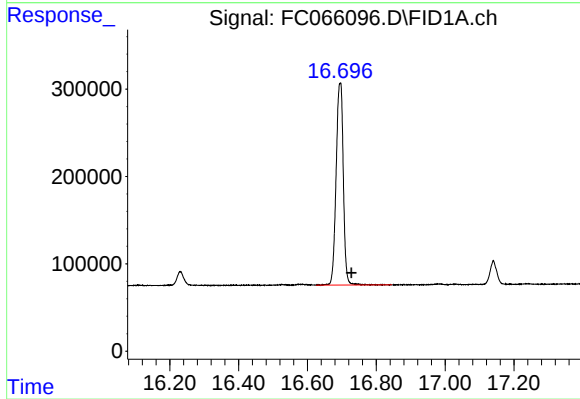
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.030 min
Response: 3270898
Conc: 19.15 ug/ml



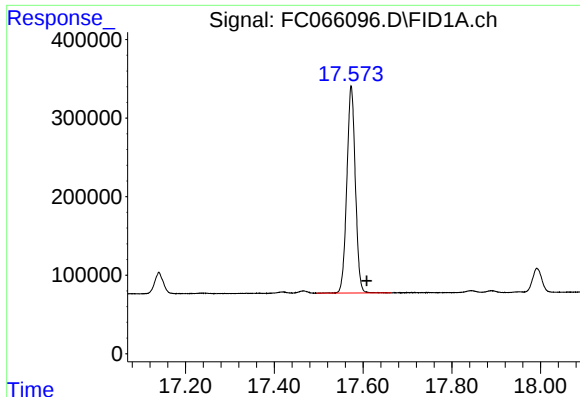
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.033 min
Response: 3264580
Conc: 19.39 ug/ml



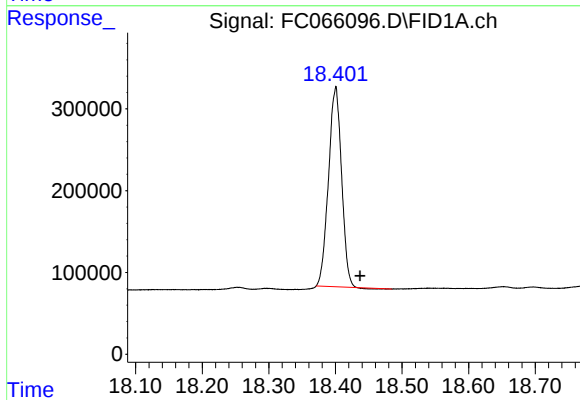
#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.033 min
Response: 3350360
Conc: 20.15 ug/ml



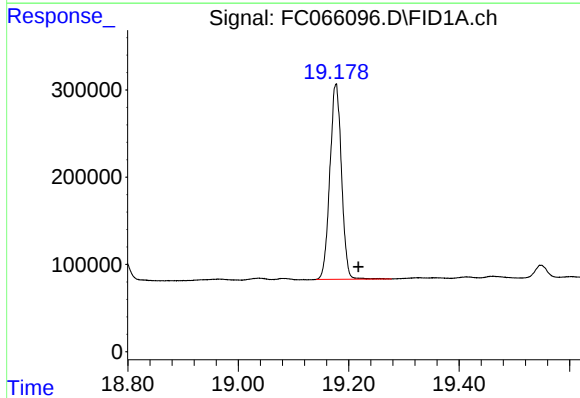
#17 n-Tricontane (C30)

R.T.: 17.573 min
Delta R.T.: -0.035 min
Response: 3505152
Conc: 20.53 ug/ml



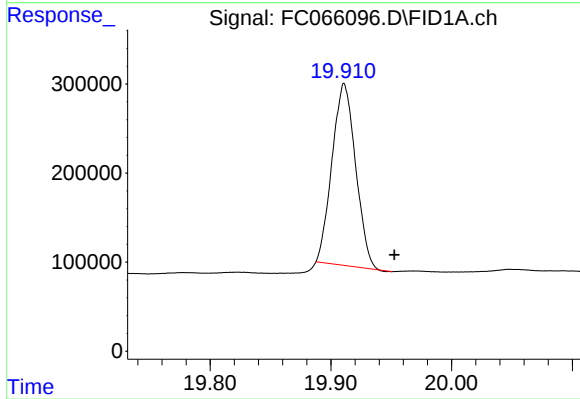
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: -0.037 min
Response: 3324365
Conc: 19.72 ug/ml



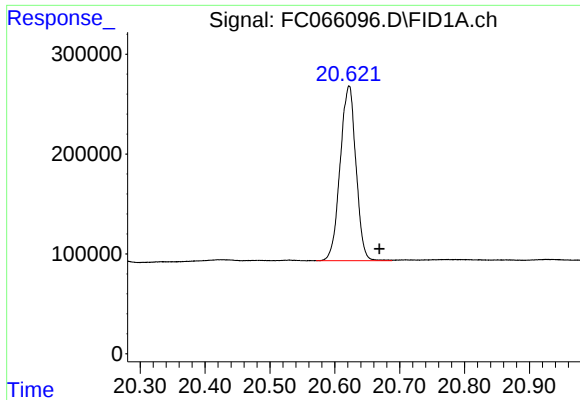
#19 n-Tetratriacontane (C34)

R.T.: 19.177 min
Delta R.T.: -0.041 min
Response: 3264353
Conc: 19.92 ug/ml



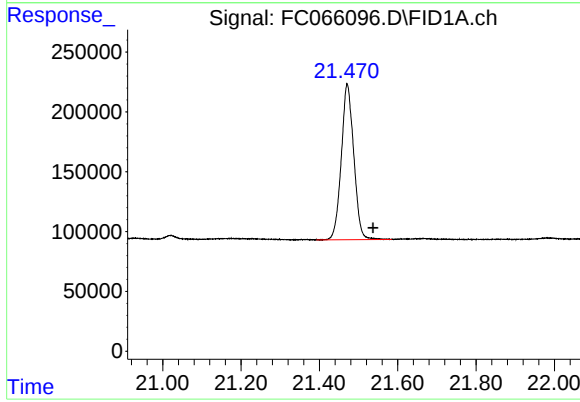
#20 n-Hexatriacontane (C36)

R.T.: 19.911 min
Delta R.T.: -0.042 min
Response: 2769434
Conc: 17.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.047 min
Response: 2958192
Conc: 18.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.471 min
Delta R.T.: -0.066 min
Response: 2872469
Conc: 18.16 ug/ml