

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021524AL\
 Data File : FC065778.D
 Signal(s) : FID1A.ch
 Acq On : 16 Feb 2024 04:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 05:28:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.501	3554851	20.724 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	12.932	2683802	21.325 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
Target Compounds			
1) T n-Nonane (C9)	3.290	3114865	20.733 ug/ml
2) T n-Decane (C10)	4.353	3201942	21.059 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3366785	21.832 ug/ml
4) T n-Dodecane (C12)	6.367	3215468	21.009 ug/ml
5) T A~2-methylnaphthalene...	6.994	3214700	22.575 ug/ml
6) T n-Tetradecane (C14)	8.156	3152277	21.232 ug/ml
7) T n-Hexadecane (C16)	9.752	3228724	21.530 ug/ml
8) T n-Octadecane (C18)	11.187	3260100	21.135 ug/ml
10) T n-Eicosane (C20)	12.489	3142343	20.896 ug/ml
11) T n-Heneicosane (C21)	13.099	3133074	20.949 ug/ml
13) T n-Docosane (C22)	13.681	3124604	21.065 ug/ml
14) T n-Tetracosane (C24)	14.779	3164465	21.283 ug/ml
15) T n-Hexacosane (C26)	15.796	3167702	21.376 ug/ml
16) T n-Octacosane (C28)	16.741	3215943	21.917 ug/ml
17) T n-Tricontane (C30)	17.624	3383841	22.541 ug/ml
18) T n-Dotriacontane (C32)	18.452	3423211	23.148 ug/ml
19) T n-Tetratriacontane (C34)	19.232	3271073	22.568 ug/ml
20) T n-Hexatriacontane (C36)	19.969	3109829	21.909 ug/mlm
21) T n-Octatriacontane (C38)	20.686	3061200	21.626 ug/mlm
22) T n-Tetracontane (C40)	21.561	2952107	21.164 ug/ml

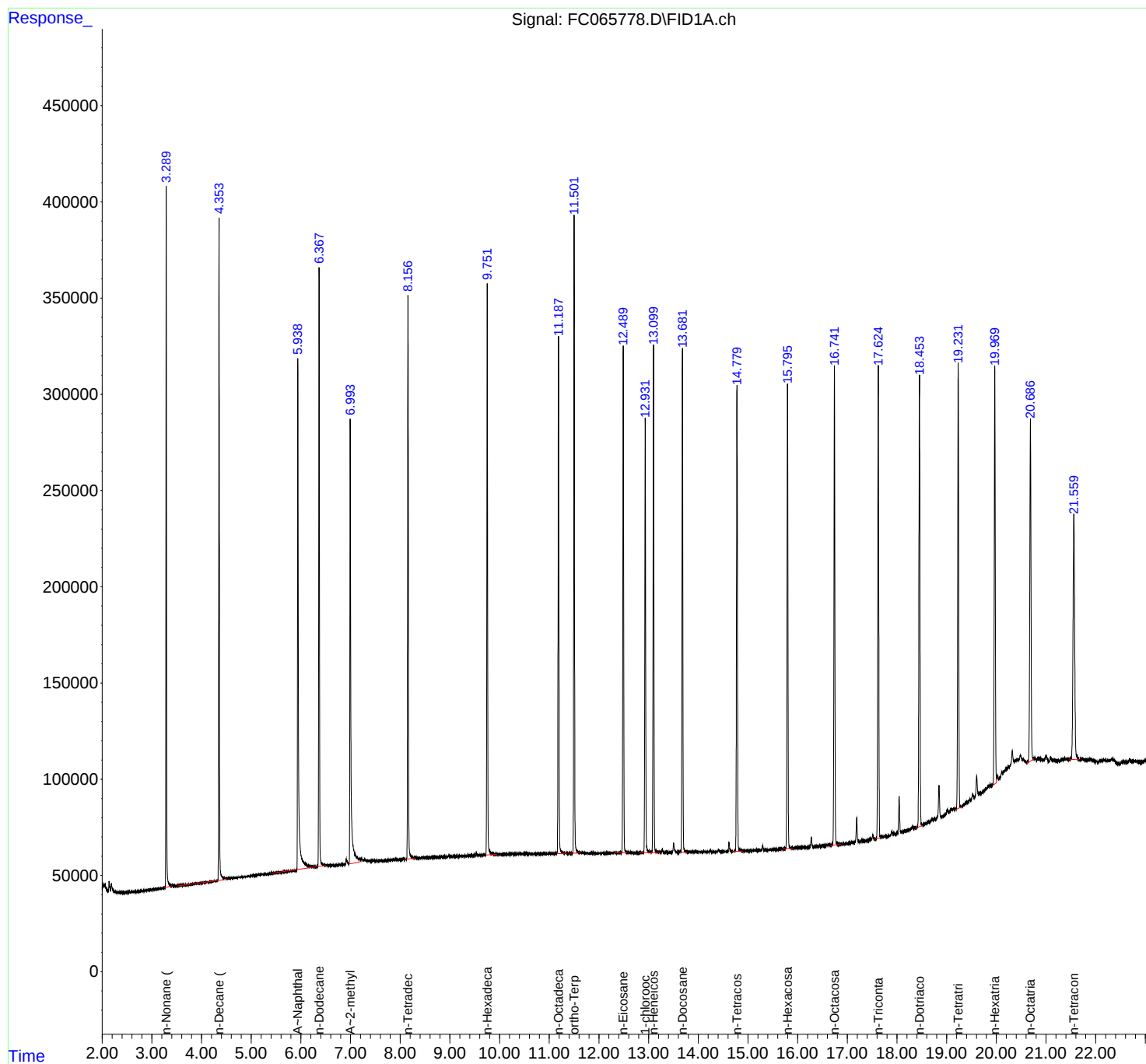
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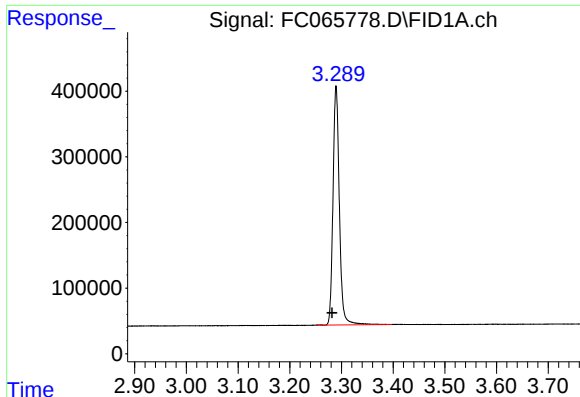
(m)=manual int.

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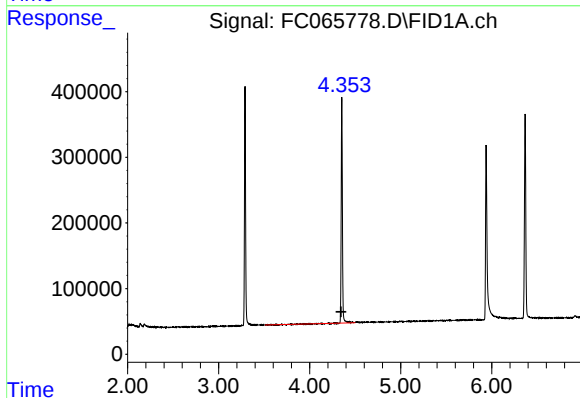
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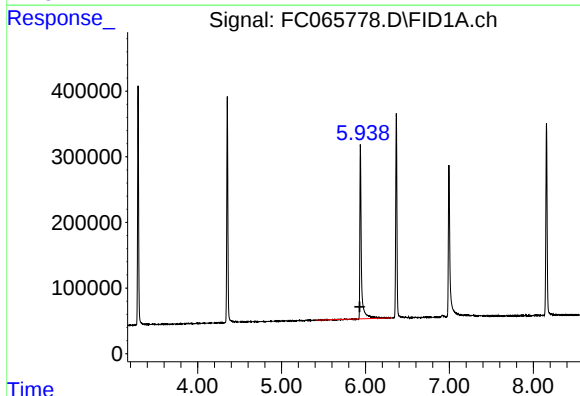
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: 0.008 min
Response: 3114865
Conc: 20.73 ug/ml



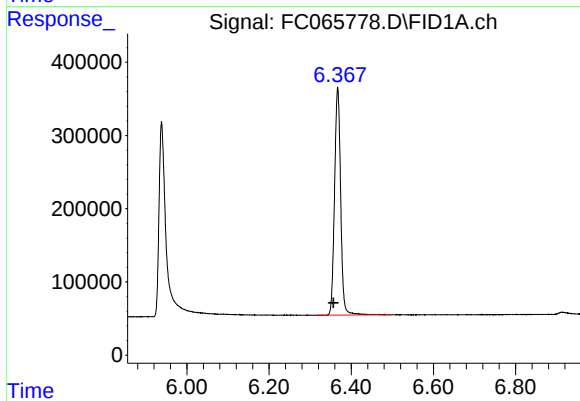
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.009 min
Response: 3201942
Conc: 21.06 ug/ml



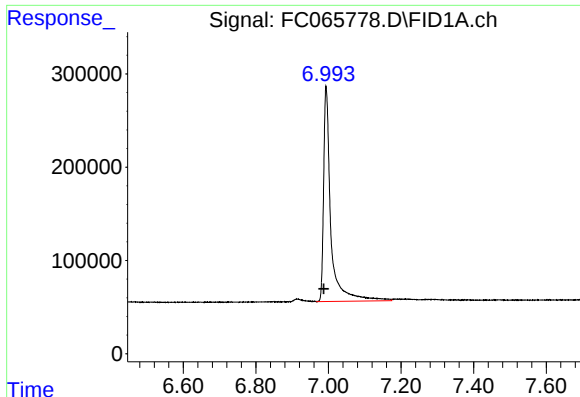
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 3366785
Conc: 21.83 ug/ml



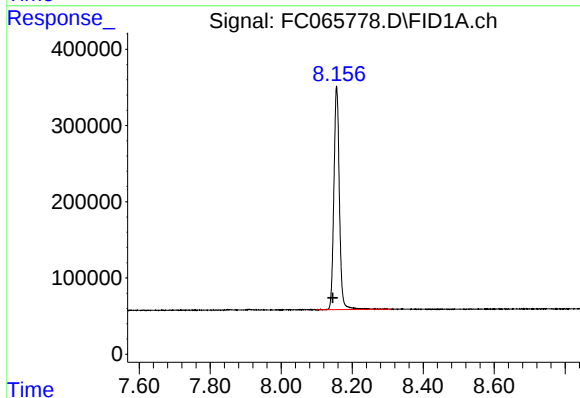
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.010 min
Response: 3215468
Conc: 21.01 ug/ml



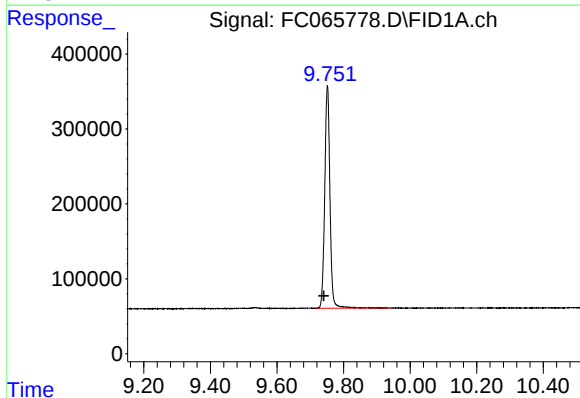
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: 0.007 min
Response: 3214700
Conc: 22.58 ug/ml



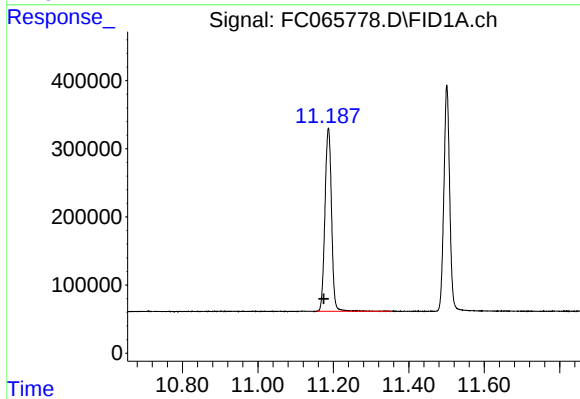
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.011 min
Response: 3152277
Conc: 21.23 ug/ml



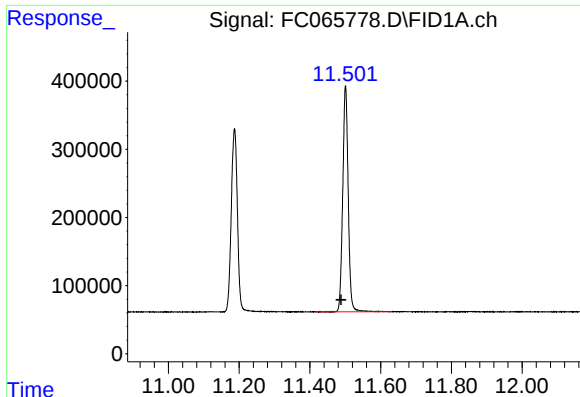
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.011 min
Response: 3228724
Conc: 21.53 ug/ml



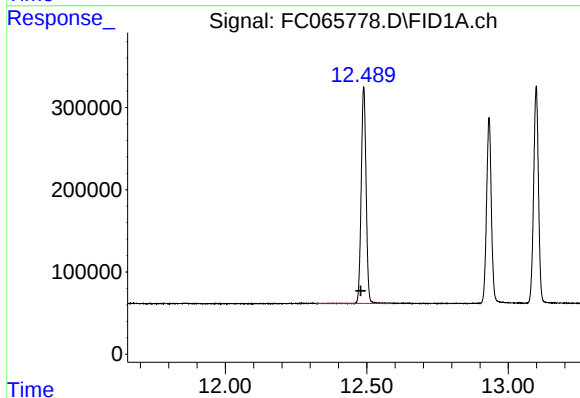
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: 0.012 min
Response: 3260100
Conc: 21.13 ug/ml



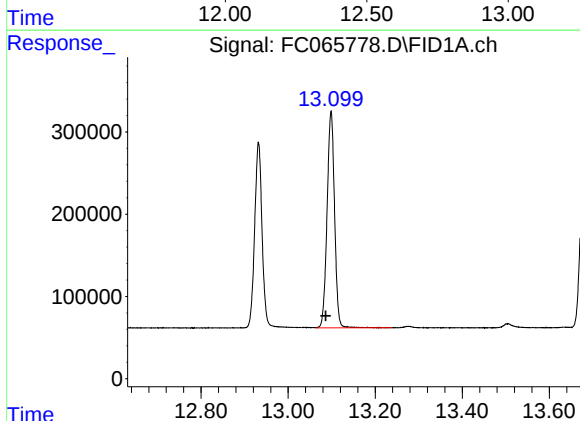
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: 0.012 min
Response: 3554851
Conc: 20.72 ug/ml



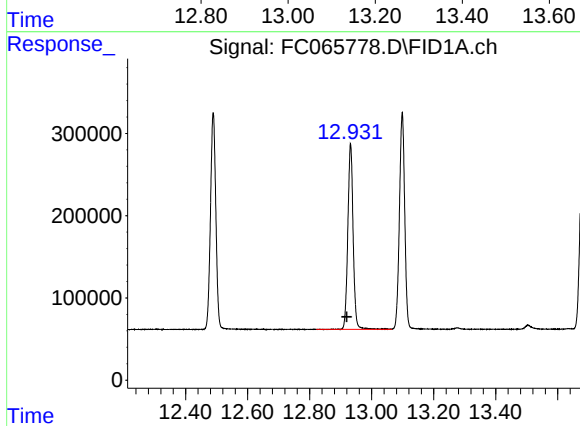
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 3142343
Conc: 20.90 ug/ml



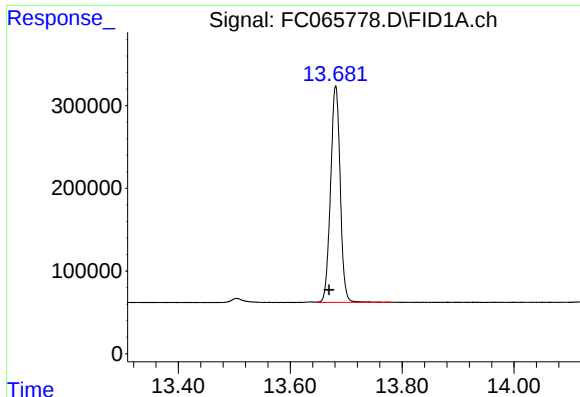
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: 0.012 min
Response: 3133074
Conc: 20.95 ug/ml



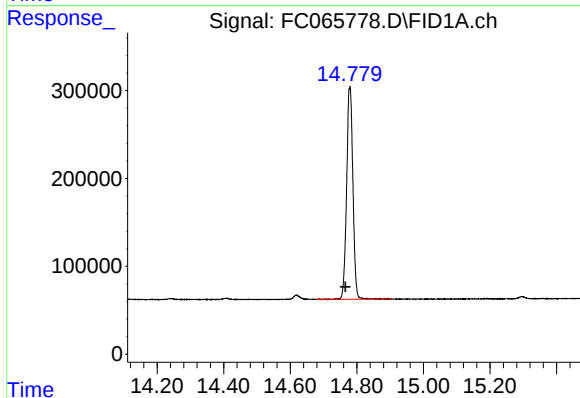
#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: 0.012 min
Response: 2683802
Conc: 21.33 ug/ml



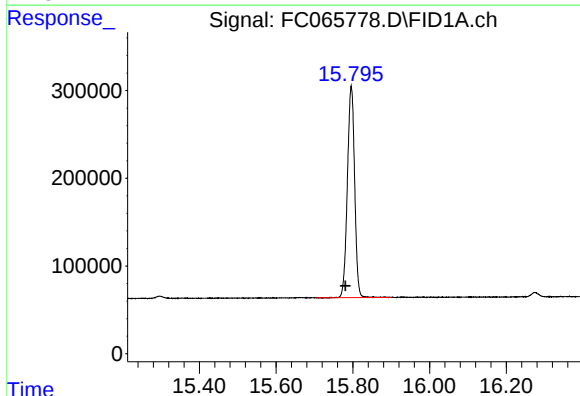
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 3124604
Conc: 21.07 ug/ml



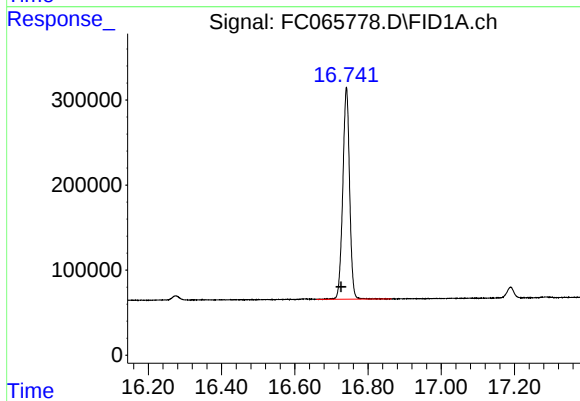
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: 0.013 min
Response: 3164465
Conc: 21.28 ug/ml



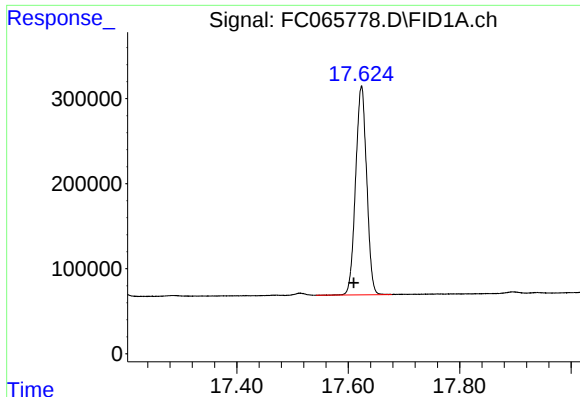
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: 0.015 min
Response: 3167702
Conc: 21.38 ug/ml



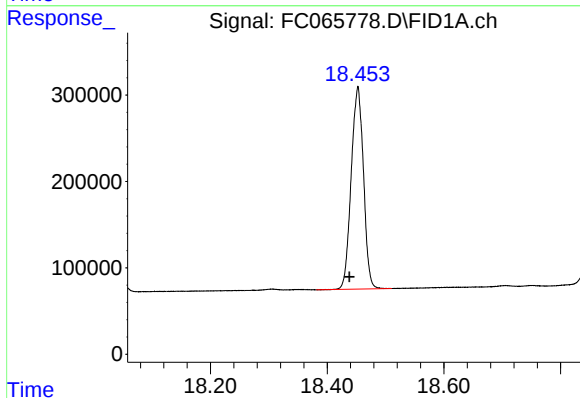
#16 n-Octacosane (C28)

R.T.: 16.741 min
Delta R.T.: 0.015 min
Response: 3215943
Conc: 21.92 ug/ml



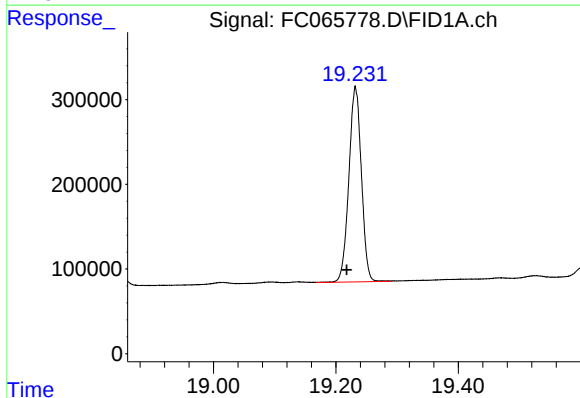
#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: 0.014 min
Response: 3383841
Conc: 22.54 ug/ml



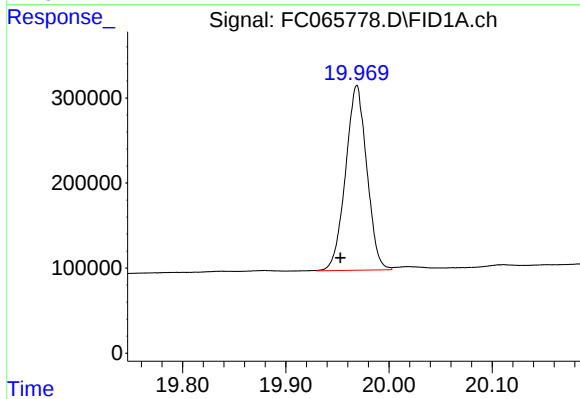
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: 0.014 min
Response: 3423211
Conc: 23.15 ug/ml



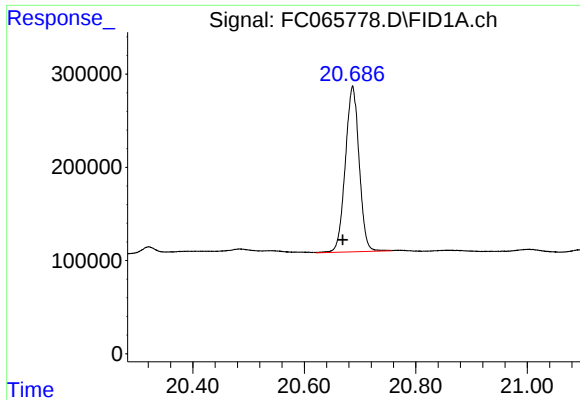
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.014 min
Response: 3271073
Conc: 22.57 ug/ml



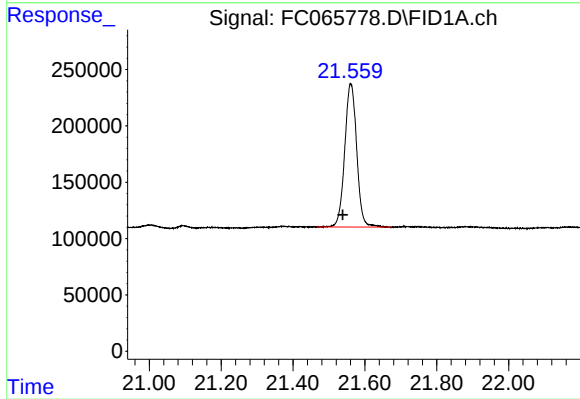
#20 n-Hexatriacontane (C36)

R.T.: 19.969 min
Delta R.T.: 0.016 min
Response: 3109829
Conc: 21.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: 0.017 min
Response: 3061200
Conc: 21.63 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: 0.022 min
Response: 2952107
Conc: 21.16 ug/ml