

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020624AL\
 Data File : FC065643.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2024 07:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 09:55:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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)	11.490	3598801	19.790 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	12.921	2677465	19.863 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.283	3157482	20.213 ug/ml
2) T n-Decane (C10)	4.345	3224067	20.380 ug/ml
3) T A~Naphthalene (C11.7)	5.932	3270407	19.556 ug/ml
4) T n-Dodecane (C12)	6.358	3263160	20.339 ug/ml
5) T A~2-methylnaphthalene...	6.987	3121594	20.229 ug/ml
6) T n-Tetradecane (C14)	8.147	3172796	20.229 ug/ml
7) T n-Hexadecane (C16)	9.741	3222840	20.152 ug/ml
8) T n-Octadecane (C18)	11.177	3266564	19.944 ug/ml
10) T n-Eicosane (C20)	12.478	3159649	19.837 ug/ml
11) T n-Heneicosane (C21)	13.087	3137227	19.996 ug/ml
13) T n-Docosane (C22)	13.671	3127178	20.029 ug/ml
14) T n-Tetracosane (C24)	14.768	3127448	20.121 ug/ml
15) T n-Hexacosane (C26)	15.784	3120244	20.325 ug/ml
16) T n-Octacosane (C28)	16.728	3096935	20.547 ug/ml
17) T n-Tricontane (C30)	17.613	3168652	20.747 ug/ml
18) T n-Dotriacontane (C32)	18.440	3125711	20.759 ug/ml
19) T n-Tetratriacontane (C34)	19.220	3051034	21.249 ug/ml
20) T n-Hexatriacontane (C36)	19.955	2950928	21.421 ug/ml
21) T n-Octatriacontane (C38)	20.674	2937870	21.235 ug/ml
22) T n-Tetracontane (C40)	21.544	2908177	21.017 ug/ml

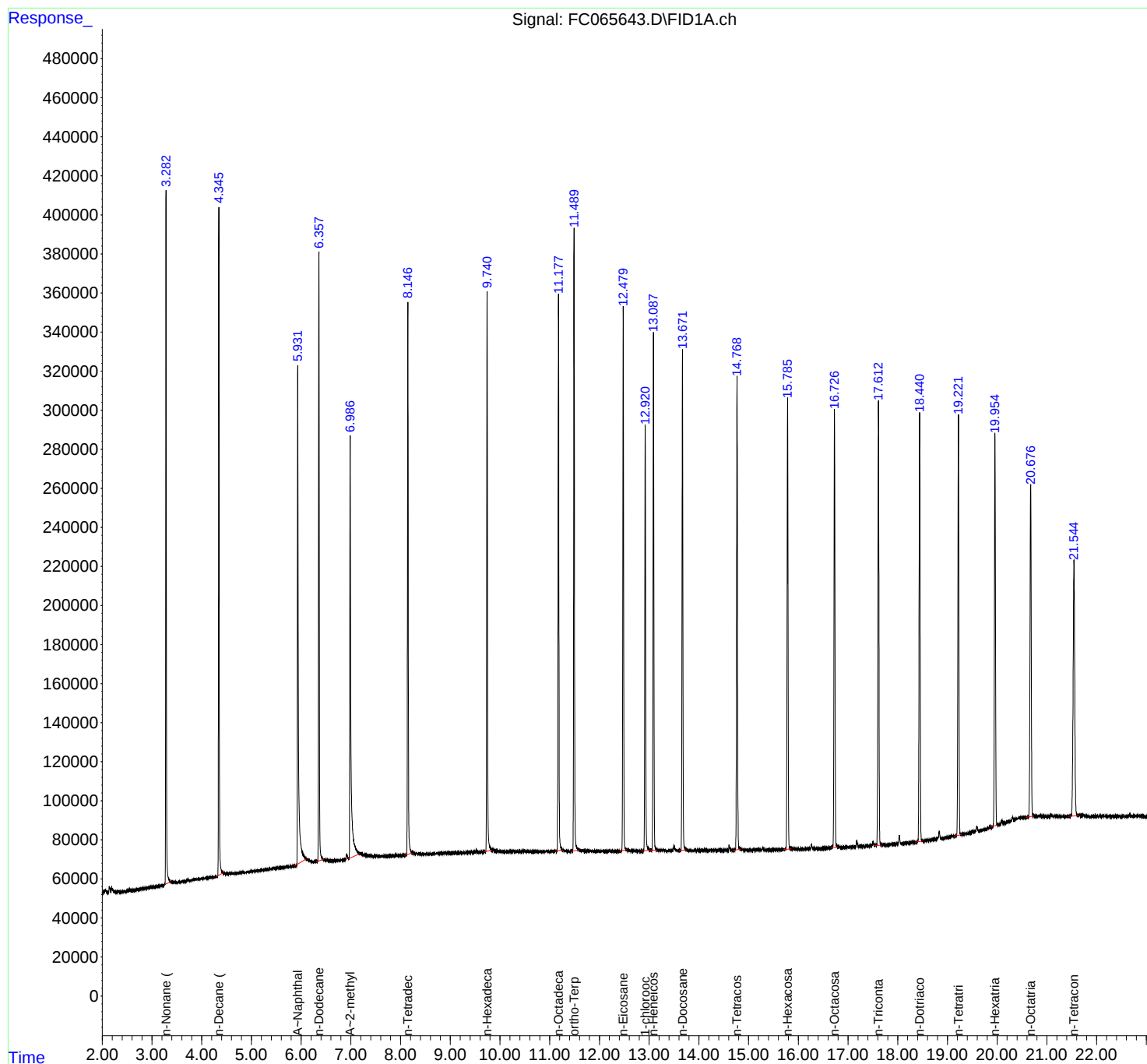
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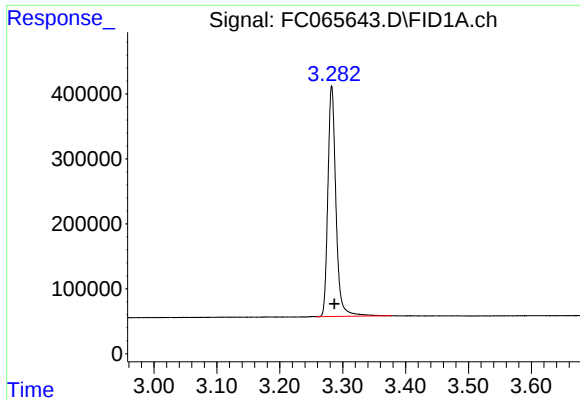
(m)=manual int.

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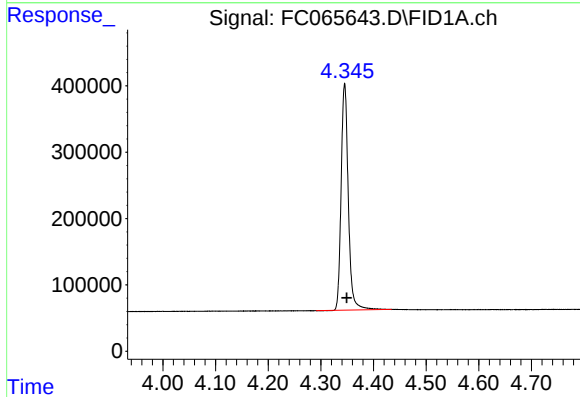
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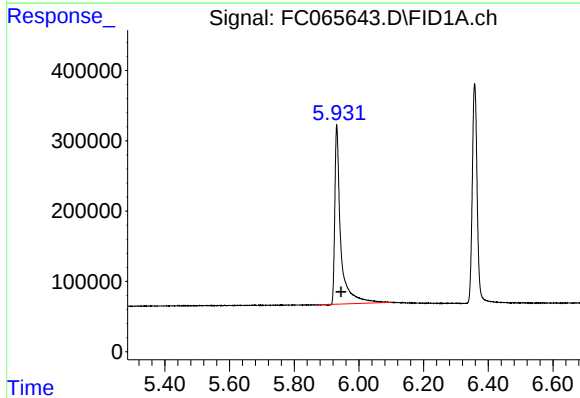
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.004 min
Response: 3157482
Conc: 20.21 ug/ml



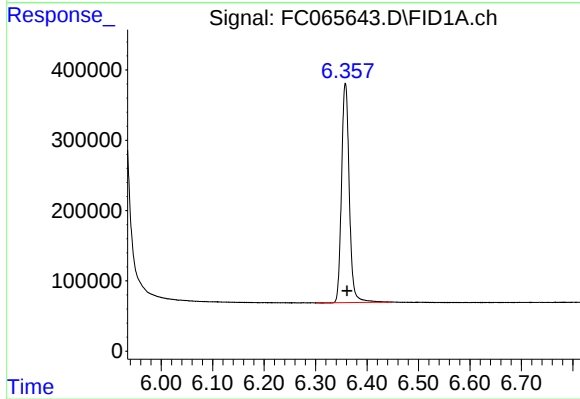
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: -0.004 min
Response: 3224067
Conc: 20.38 ug/ml



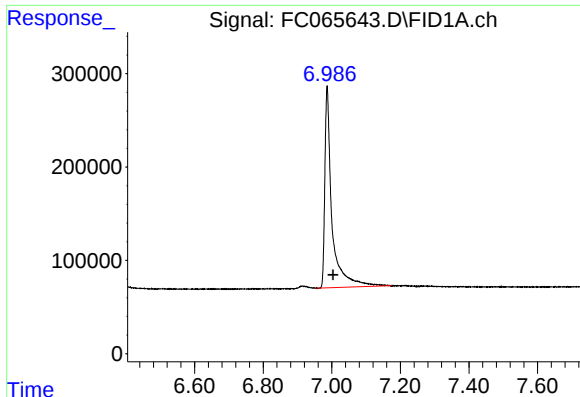
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.013 min
Response: 3270407
Conc: 19.56 ug/ml



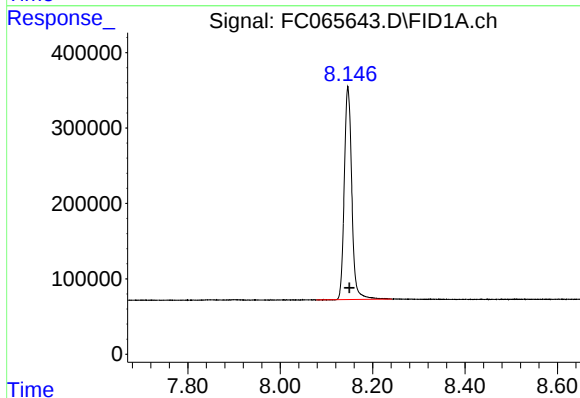
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 3263160
Conc: 20.34 ug/ml



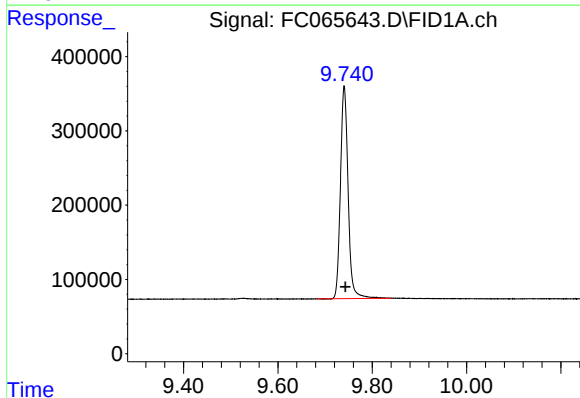
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.017 min
Response: 3121594
Conc: 20.23 ug/ml



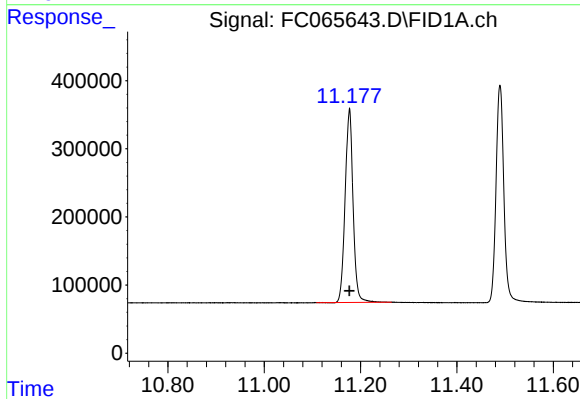
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 3172796
Conc: 20.23 ug/ml



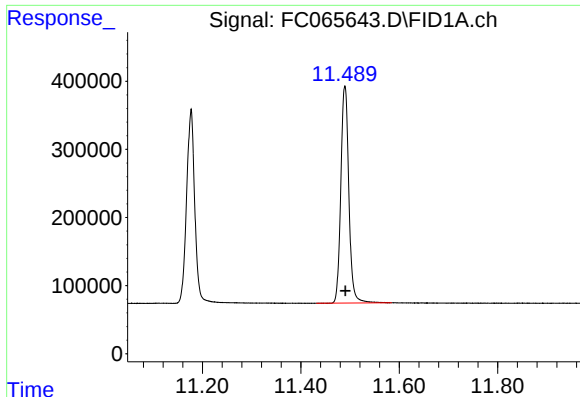
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.003 min
Response: 3222840
Conc: 20.15 ug/ml



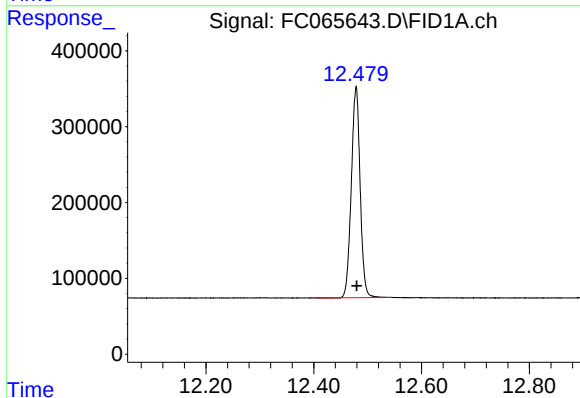
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 3266564
Conc: 19.94 ug/ml



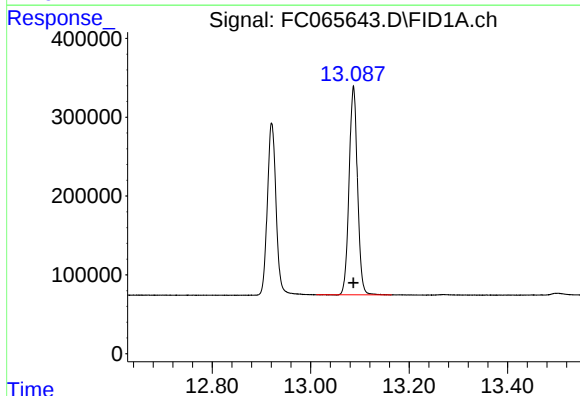
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.001 min
Response: 3598801
Conc: 19.79 ug/ml



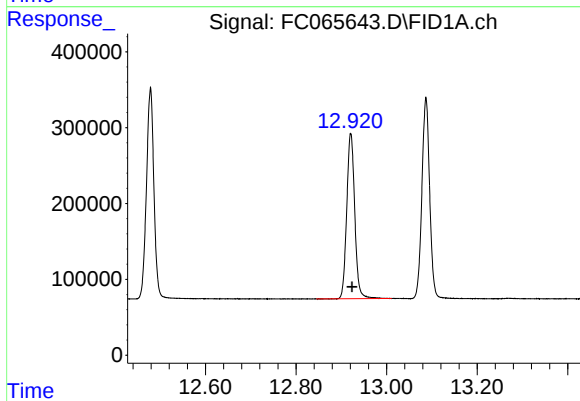
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.002 min
Response: 3159649
Conc: 19.84 ug/ml



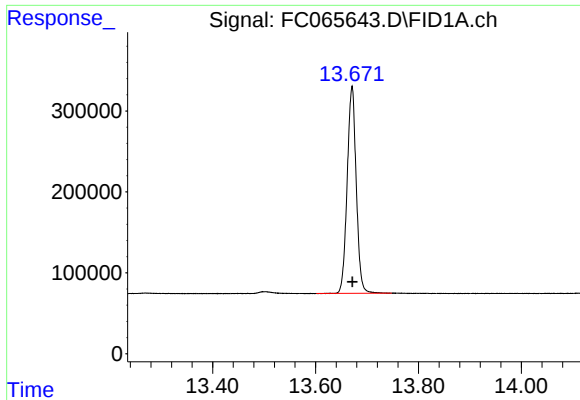
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 3137227
Conc: 20.00 ug/ml



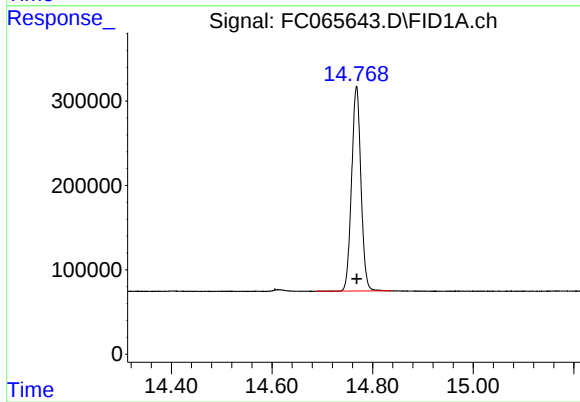
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.003 min
Response: 2677465
Conc: 19.86 ug/ml



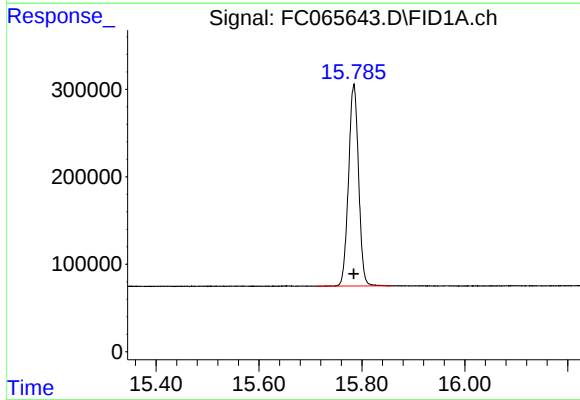
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: 0.000 min
Response: 3127178
Conc: 20.03 ug/ml



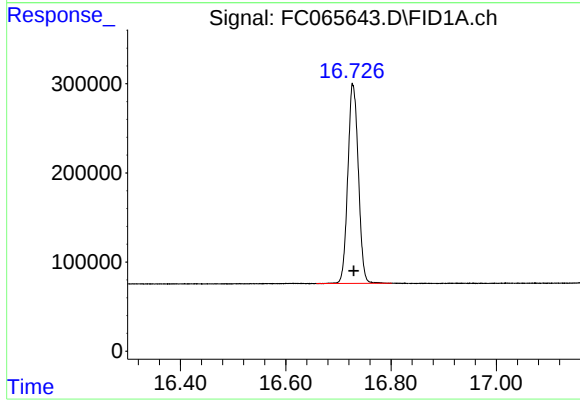
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.000 min
Response: 3127448
Conc: 20.12 ug/ml



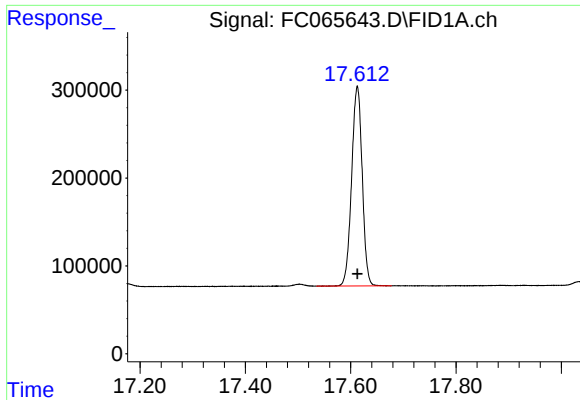
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.000 min
Response: 3120244
Conc: 20.33 ug/ml



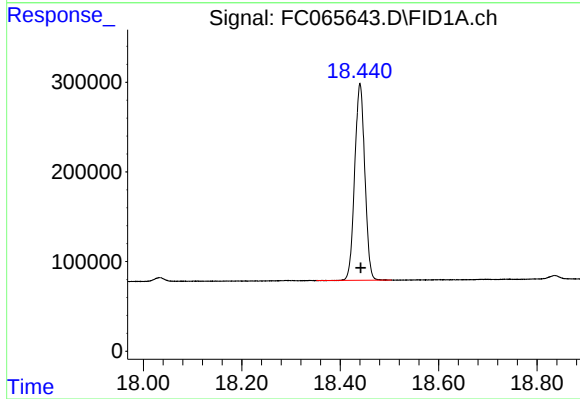
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: -0.001 min
Response: 3096935
Conc: 20.55 ug/ml



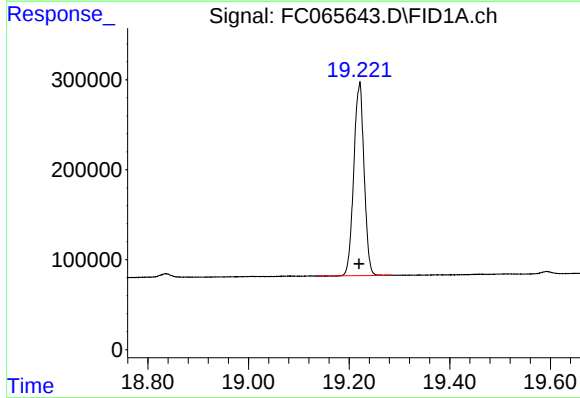
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 3168652
Conc: 20.75 ug/ml



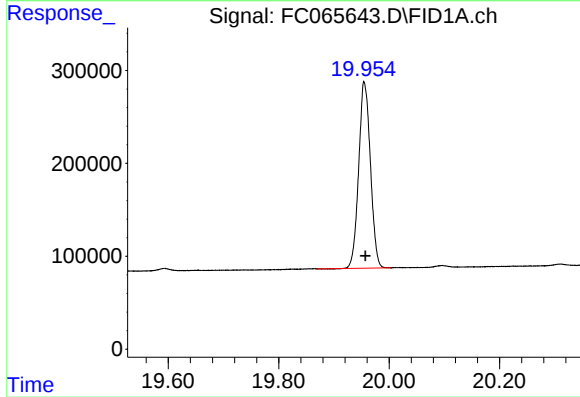
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: -0.002 min
Response: 3125711
Conc: 20.76 ug/ml



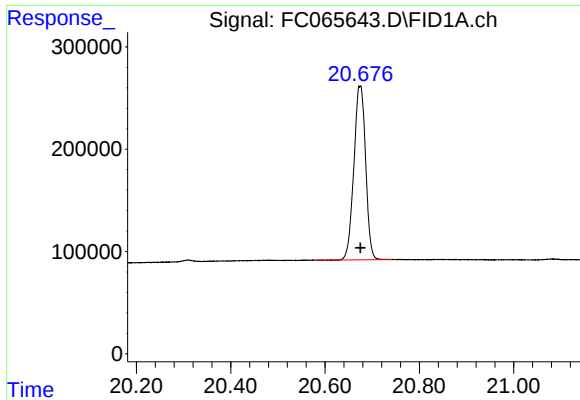
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.000 min
Response: 3051034
Conc: 21.25 ug/ml



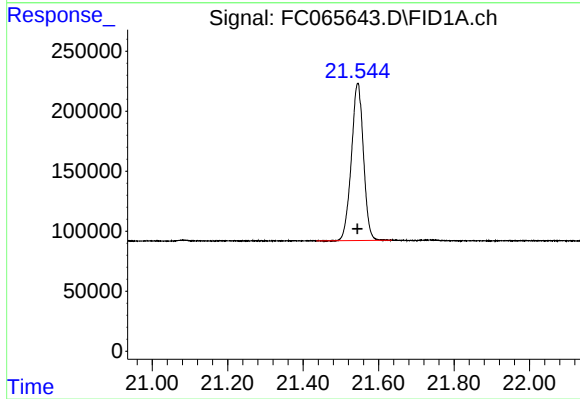
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min
Delta R.T.: -0.002 min
Response: 2950928
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: 0.000 min
Response: 2937870
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: 0.001 min
Response: 2908177
Conc: 21.02 ug/ml