

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020724AL\
 Data File : FC065664.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2024 14:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 02:06:38 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	3579134	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	12.921	2648669	19.649 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.281	3177967	20.344 ug/ml
2) T n-Decane (C10)	4.344	3245814	20.517 ug/ml
3) T A~Naphthalene (C11.7)	5.930	3288306	19.663 ug/ml
4) T n-Dodecane (C12)	6.357	3244578	20.223 ug/ml
5) T A~2-methylnaphthalene...	6.986	3085667	19.996 ug/ml
6) T n-Tetradecane (C14)	8.146	3144027	20.046 ug/ml
7) T n-Hexadecane (C16)	9.741	3172185	19.835 ug/ml
8) T n-Octadecane (C18)	11.175	3234986	19.751 ug/ml
10) T n-Eicosane (C20)	12.478	3140587	19.717 ug/ml
11) T n-Heneicosane (C21)	13.086	3105748	19.795 ug/ml
13) T n-Docosane (C22)	13.669	3099761	19.853 ug/ml
14) T n-Tetracosane (C24)	14.767	3102166	19.959 ug/ml
15) T n-Hexacosane (C26)	15.783	3090729	20.133 ug/ml
16) T n-Octacosane (C28)	16.727	3076816	20.413 ug/ml
17) T n-Tricontane (C30)	17.610	3167292	20.738 ug/ml
18) T n-Dotriacontane (C32)	18.439	3140488	20.857 ug/ml
19) T n-Tetratriacontane (C34)	19.219	3063384	21.335 ug/ml
20) T n-Hexatriacontane (C36)	19.955	2974035	21.589 ug/ml
21) T n-Octatriacontane (C38)	20.671	2958591	21.384 ug/ml
22) T n-Tetracontane (C40)	21.540	2907122	21.010 ug/ml

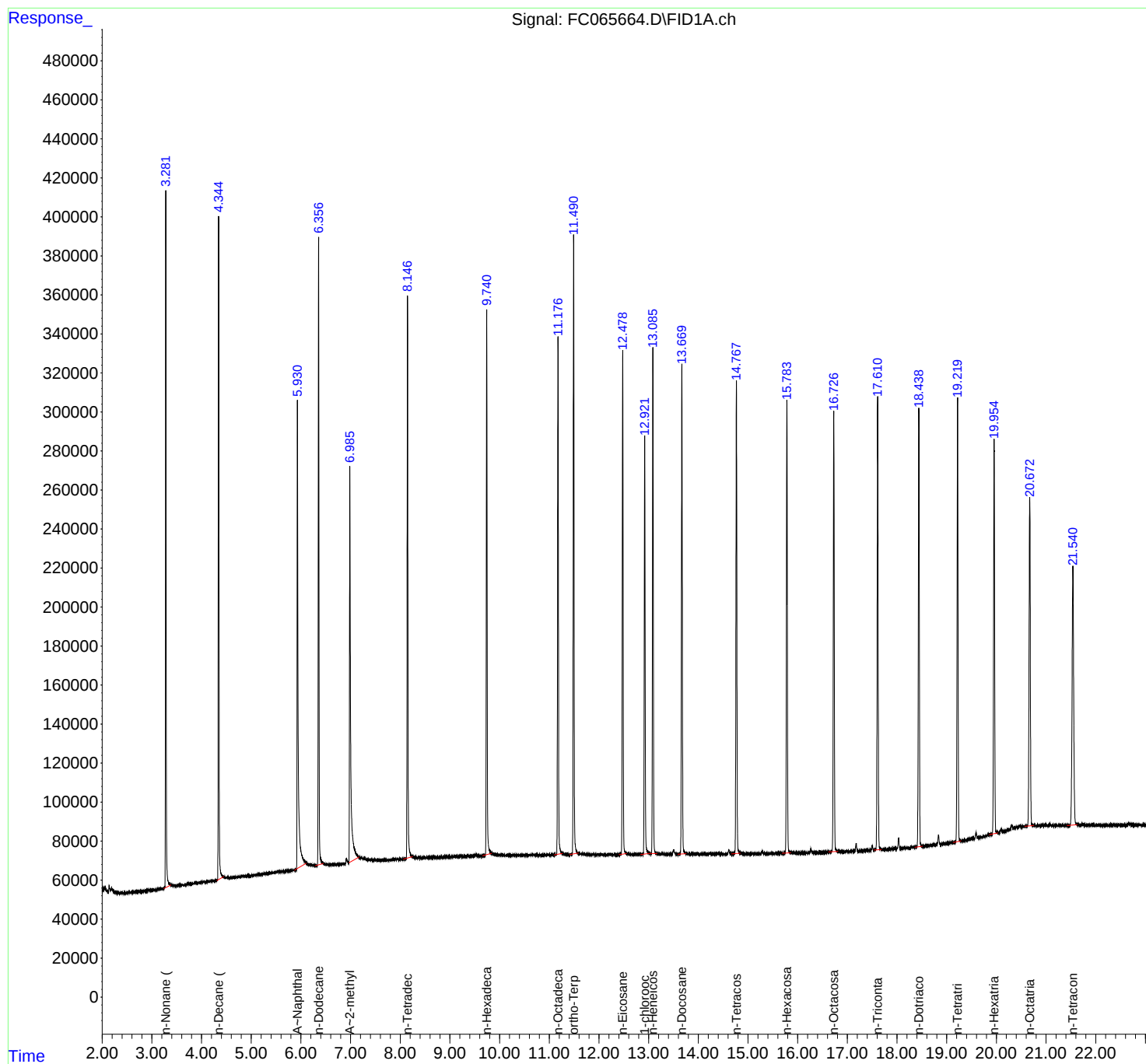
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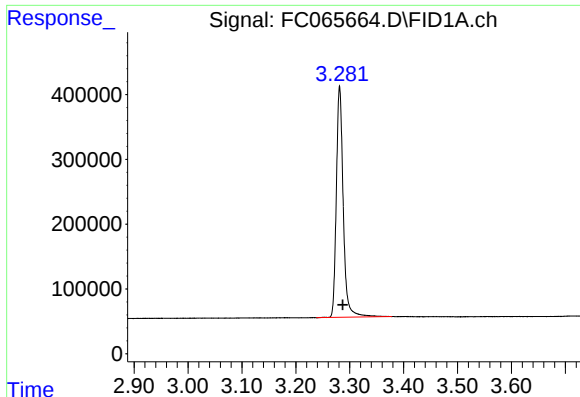
(m)=manual int.

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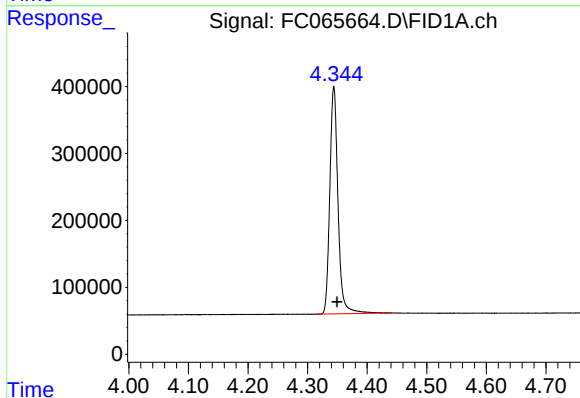
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Signal Info : 20M x 0.18mm x 0.18um





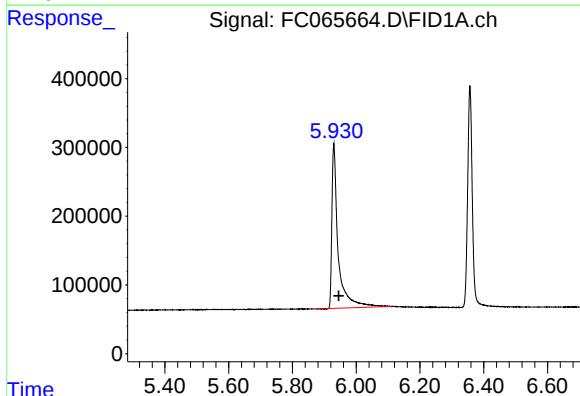
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.006 min
Response: 3177967
Conc: 20.34 ug/ml



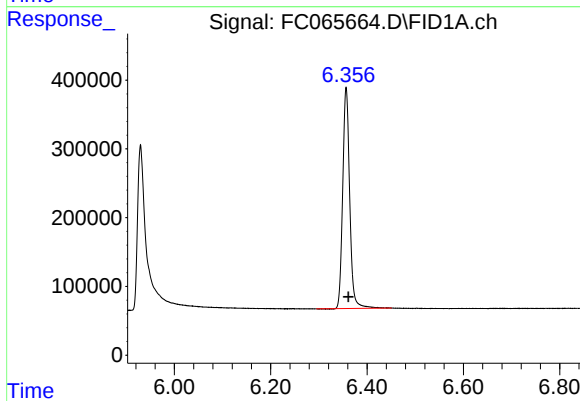
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: -0.005 min
Response: 3245814
Conc: 20.52 ug/ml



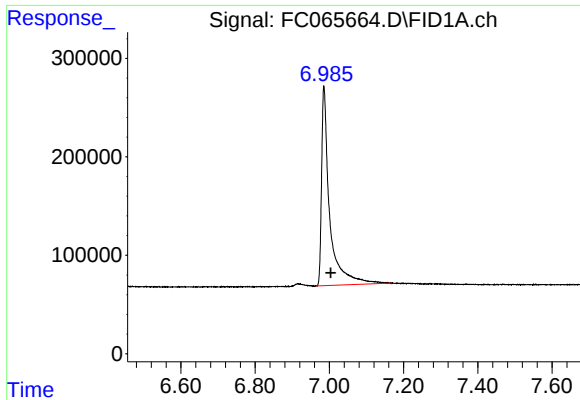
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.015 min
Response: 3288306
Conc: 19.66 ug/ml



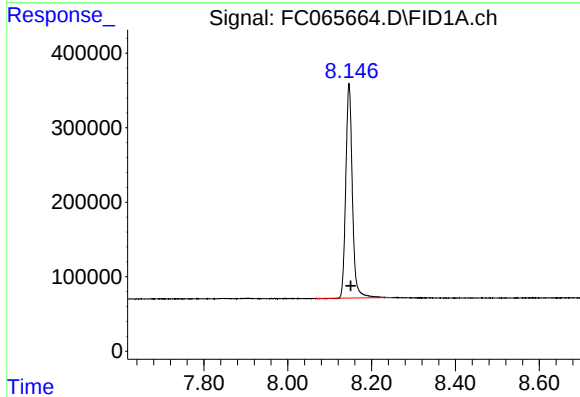
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.005 min
Response: 3244578
Conc: 20.22 ug/ml



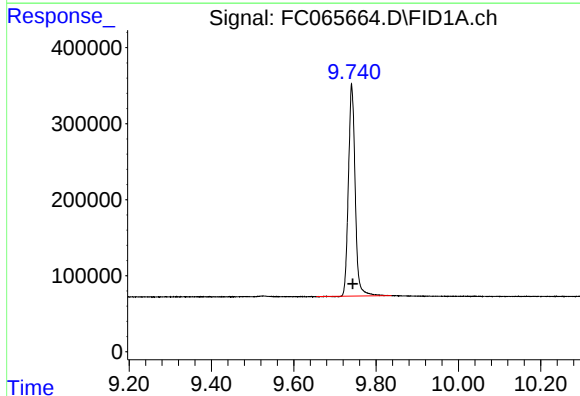
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.018 min
Response: 3085667
Conc: 20.00 ug/ml



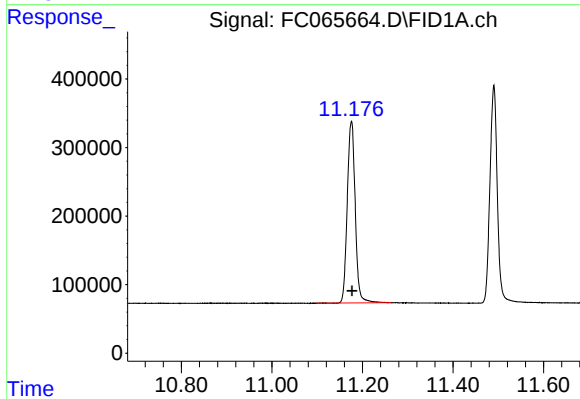
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 3144027
Conc: 20.05 ug/ml



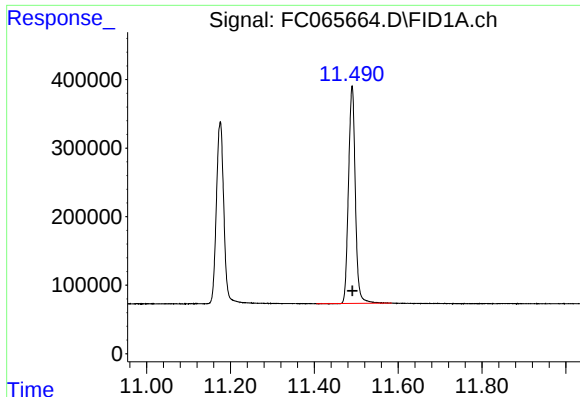
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.002 min
Response: 3172185
Conc: 19.84 ug/ml



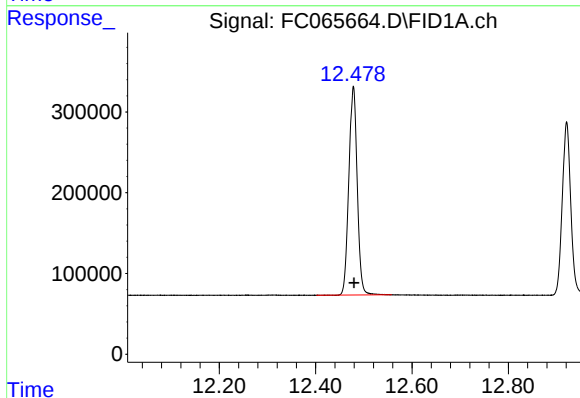
#8 n-Octadecane (C18)

R.T.: 11.175 min
Delta R.T.: -0.002 min
Response: 3234986
Conc: 19.75 ug/ml



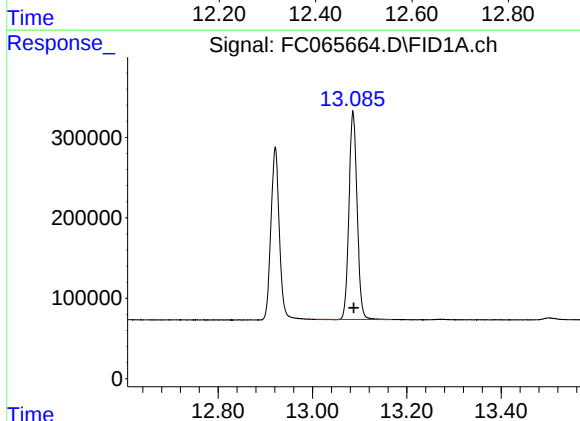
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: 0.000 min
Response: 3579134
Conc: 19.68 ug/ml



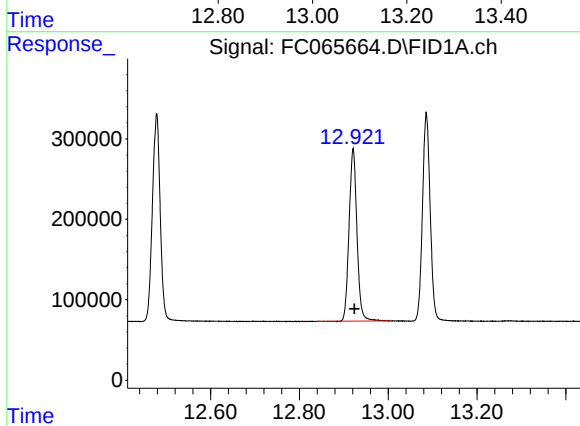
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.002 min
Response: 3140587
Conc: 19.72 ug/ml



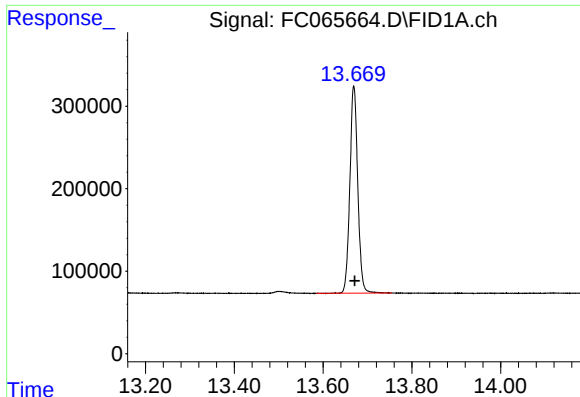
#11 n-Heneicosane (C21)

R.T.: 13.086 min
Delta R.T.: -0.001 min
Response: 3105748
Conc: 19.80 ug/ml



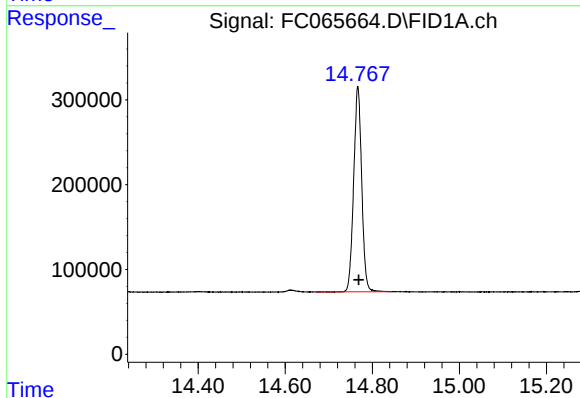
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.003 min
Response: 2648669
Conc: 19.65 ug/ml



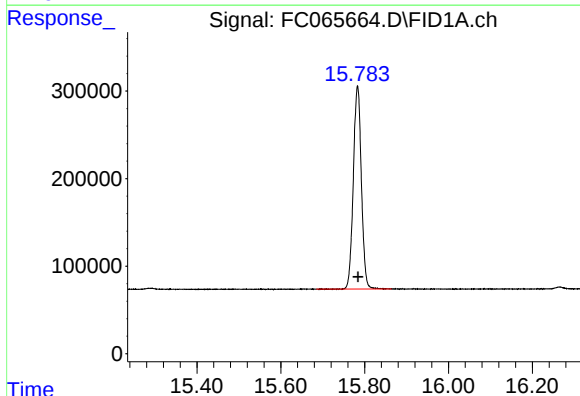
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.002 min
Response: 3099761
Conc: 19.85 ug/ml



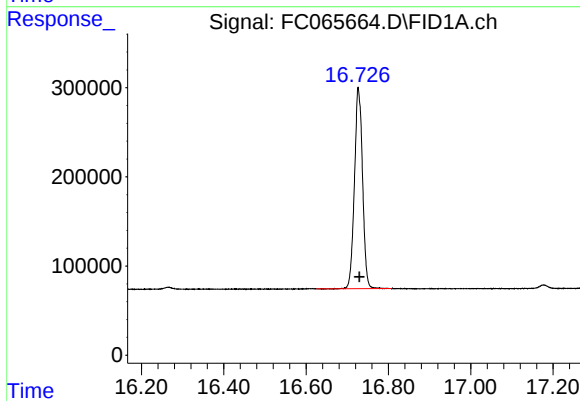
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.002 min
Response: 3102166
Conc: 19.96 ug/ml



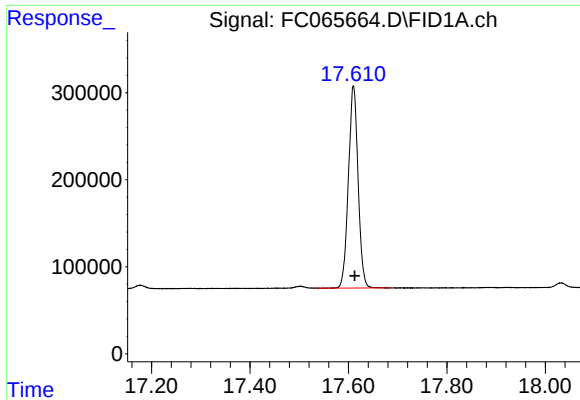
#15 n-Hexacosane (C26)

R.T.: 15.783 min
Delta R.T.: -0.001 min
Response: 3090729
Conc: 20.13 ug/ml



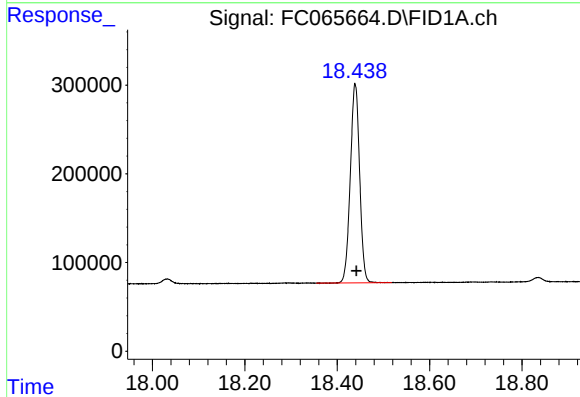
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 3076816
Conc: 20.41 ug/ml



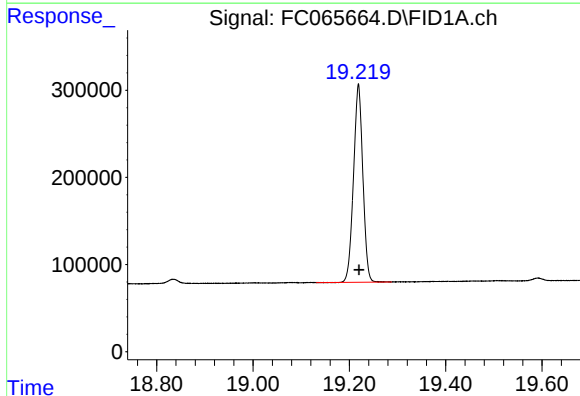
#17 n-Tricontane (C30)

R.T.: 17.610 min
Delta R.T.: -0.002 min
Response: 3167292
Conc: 20.74 ug/ml



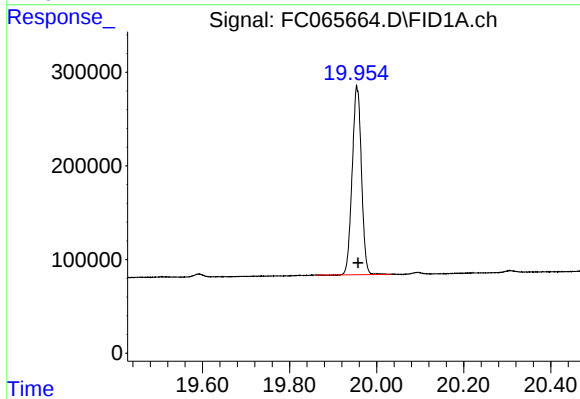
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: -0.003 min
Response: 3140488
Conc: 20.86 ug/ml



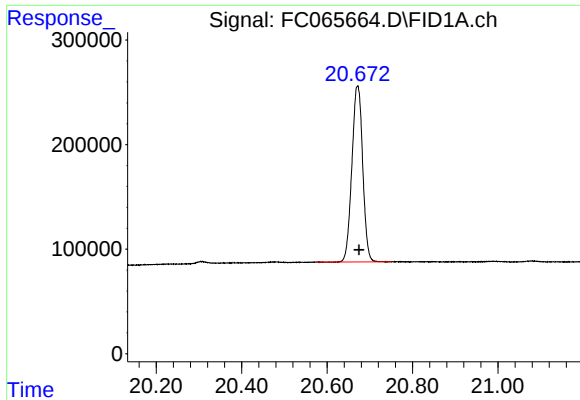
#19 n-Tetratriacontane (C34)

R.T.: 19.219 min
Delta R.T.: -0.001 min
Response: 3063384
Conc: 21.34 ug/ml



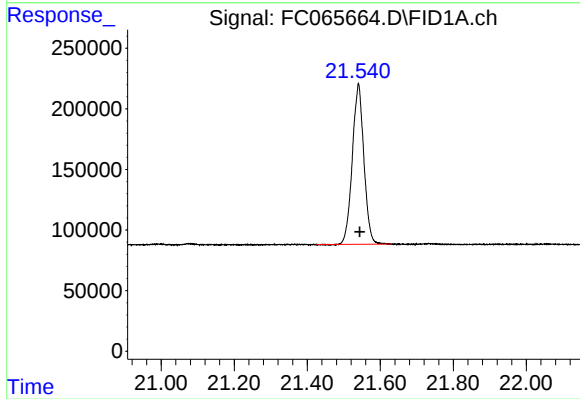
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min
Delta R.T.: -0.002 min
Response: 2974035
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: -0.004 min
Response: 2958591
Conc: 21.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.540 min
Delta R.T.: -0.003 min
Response: 2907122
Conc: 21.01 ug/ml