

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065579.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 11:39
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:05:23 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)	11.493	3491951	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.924	2524602	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.285	2998626	19.196 ug/ml
2) T n-Decane (C10)	4.348	3073897	19.431 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3071340	18.366 ug/ml
4) T n-Dodecane (C12)	6.361	3090379	19.262 ug/ml
5) T A~2-methylnaphthalene...	6.990	2907934	18.845 ug/ml
6) T n-Tetradecane (C14)	8.150	3037731	19.368 ug/ml
7) T n-Hexadecane (C16)	9.745	3097184	19.366 ug/ml
8) T n-Octadecane (C18)	11.180	3221826	19.671 ug/ml
10) T n-Eicosane (C20)	12.482	3081341	19.345 ug/ml
11) T n-Heneicosane (C21)	13.091	3045874	19.413 ug/ml
13) T n-Docosane (C22)	13.674	3018227	19.331 ug/ml
14) T n-Tetracosane (C24)	14.771	2995125	19.270 ug/ml
15) T n-Hexacosane (C26)	15.787	2950845	19.222 ug/ml
16) T n-Octacosane (C28)	16.732	2884016	19.134 ug/ml
17) T n-Tricontane (C30)	17.615	2901241	18.996 ug/ml
18) T n-Dotriacontane (C32)	18.443	2829165	18.789 ug/ml
19) T n-Tetratriacontane (C34)	19.223	2709551	18.871 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2606662	18.922 ug/ml
21) T n-Octatriacontane (C38)	20.676	2528857	18.278 ug/ml
22) T n-Tetracontane (C40)	21.547	2367795	17.112 ug/ml

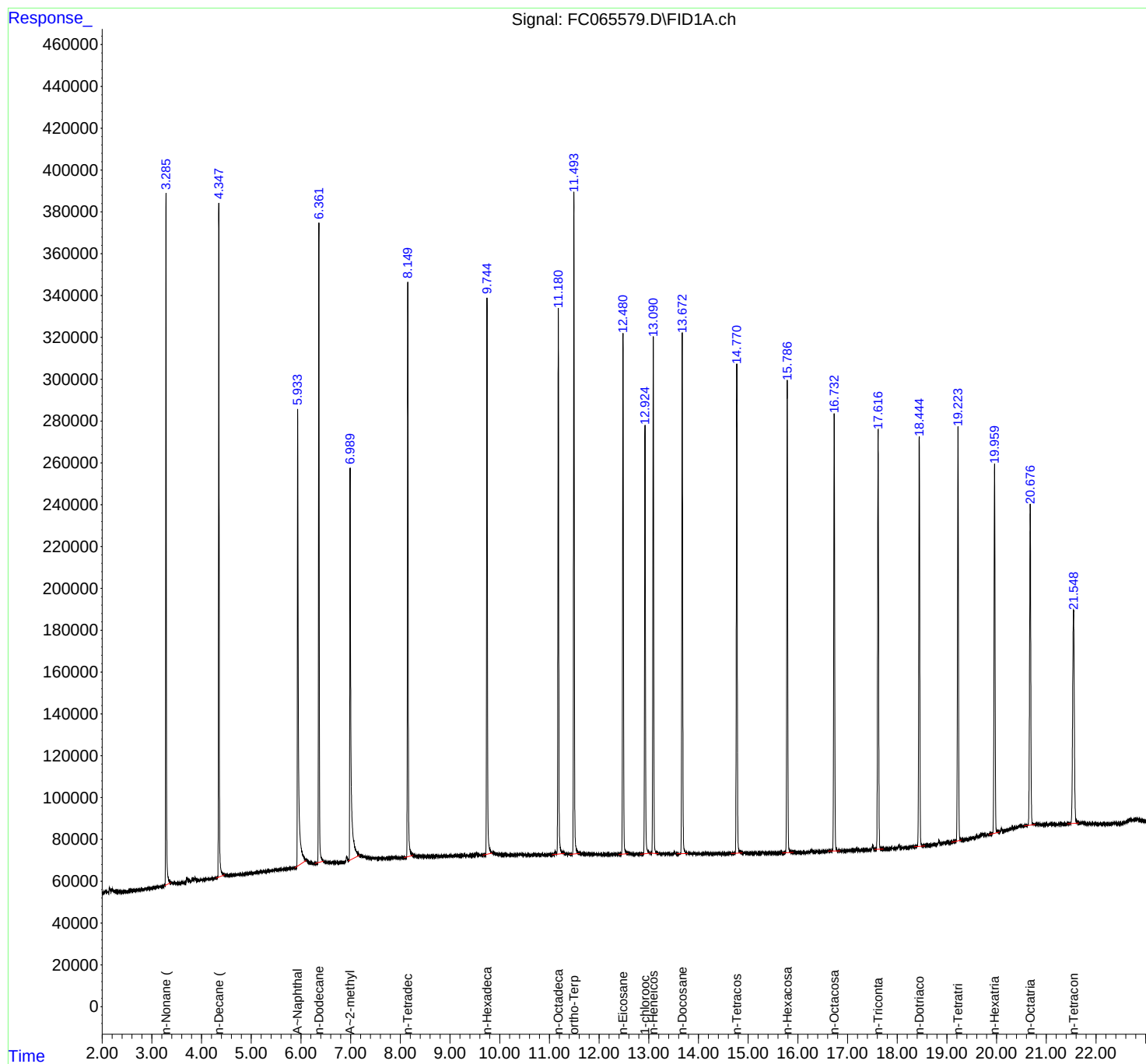
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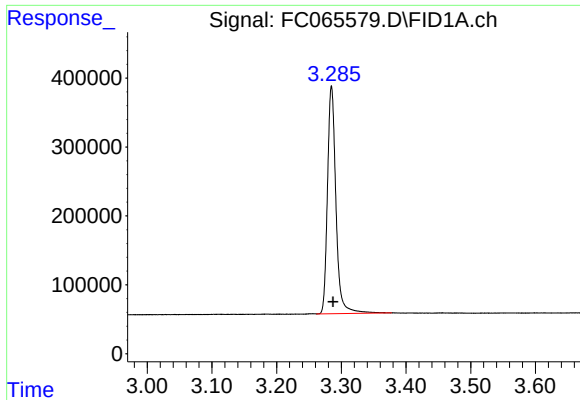
(m)=manual int.

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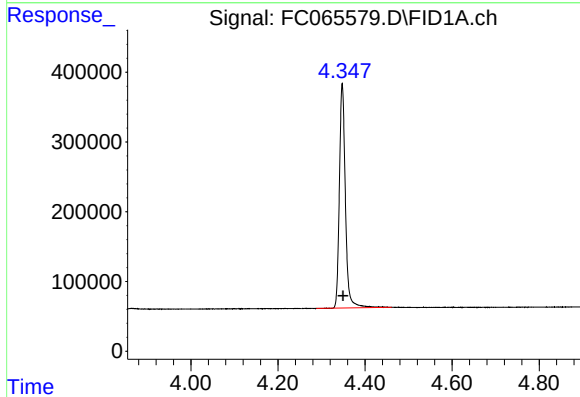
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Signal Info : 20M x 0.18mm x 0.18um





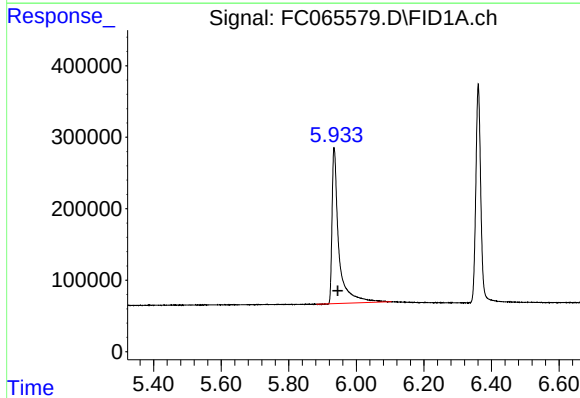
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.002 min
Response: 2998626
Conc: 19.20 ug/ml



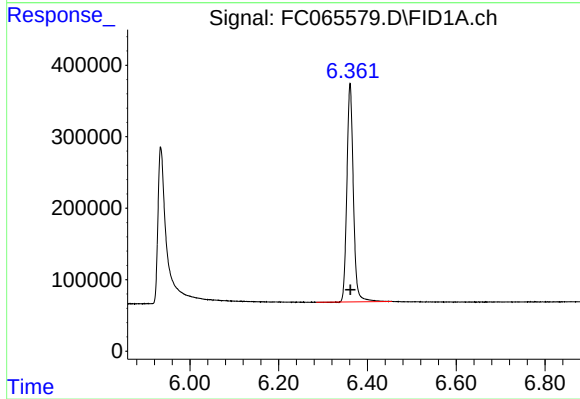
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 3073897
Conc: 19.43 ug/ml



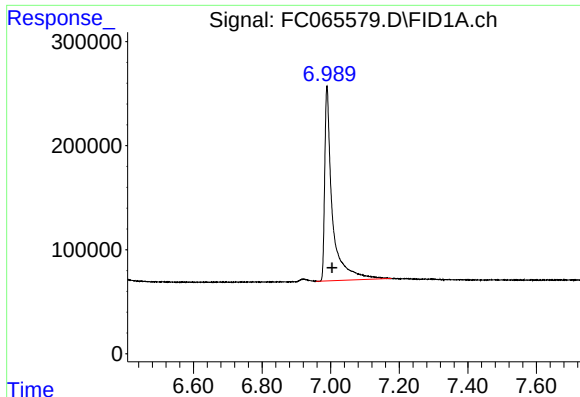
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 3071340
Conc: 18.37 ug/ml



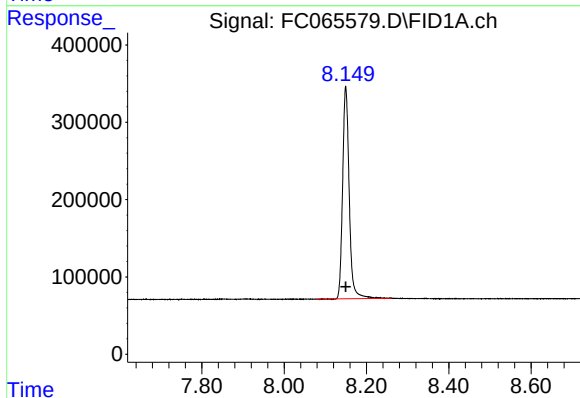
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 3090379
Conc: 19.26 ug/ml



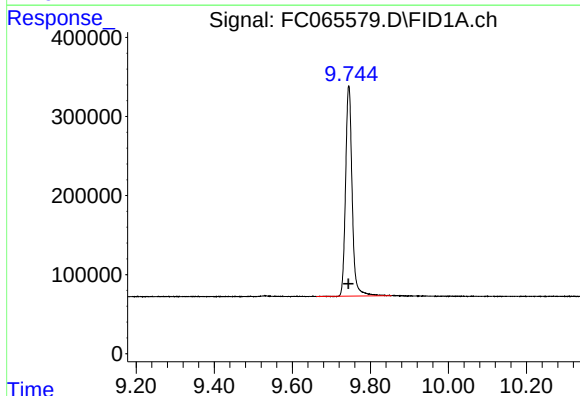
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.014 min
Response: 2907934
Conc: 18.84 ug/ml



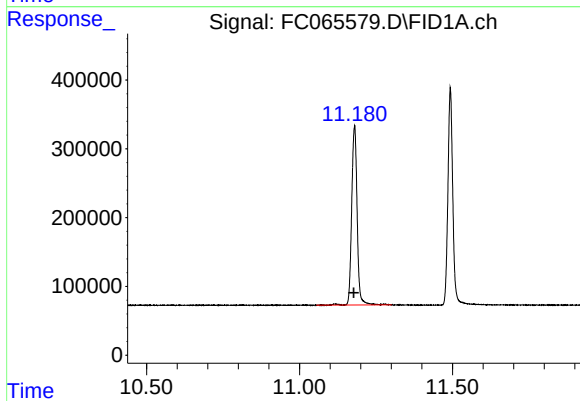
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 3037731
Conc: 19.37 ug/ml



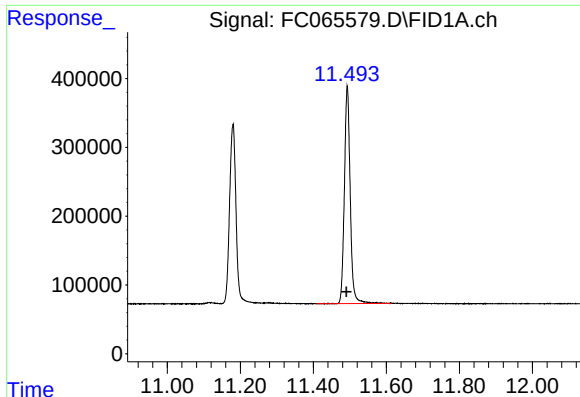
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 3097184
Conc: 19.37 ug/ml



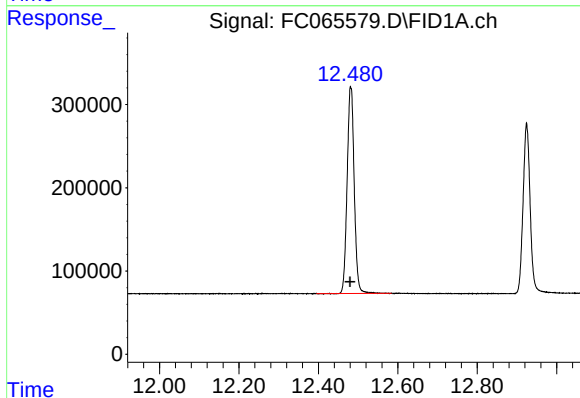
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.002 min
Response: 3221826
Conc: 19.67 ug/ml



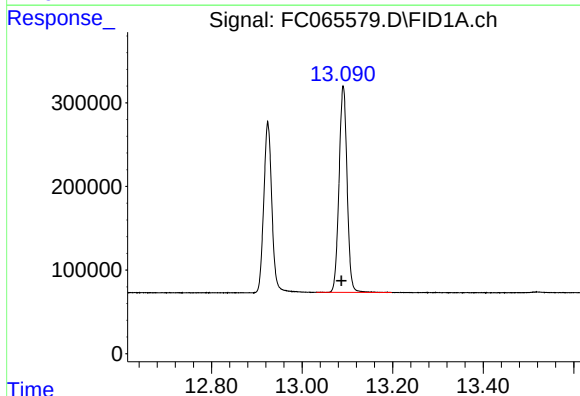
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.002 min
Response: 3491951
Conc: 19.20 ug/ml



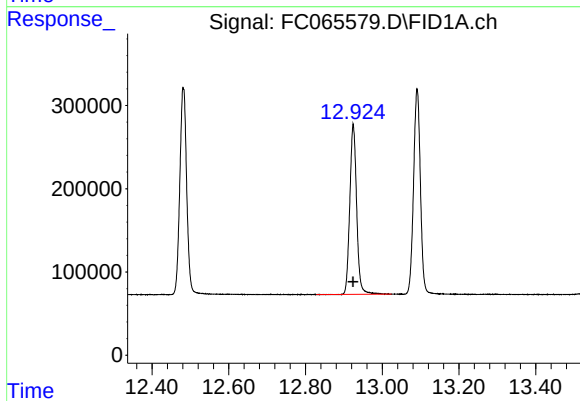
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.002 min
Response: 3081341
Conc: 19.35 ug/ml



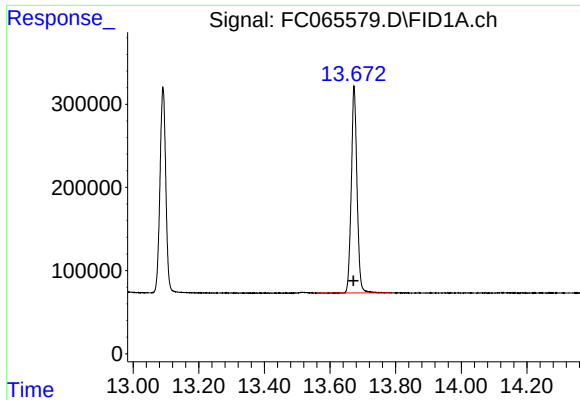
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.004 min
Response: 3045874
Conc: 19.41 ug/ml



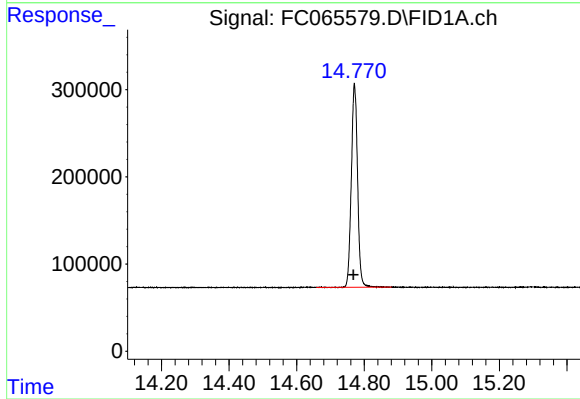
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2524602
Conc: 18.73 ug/ml



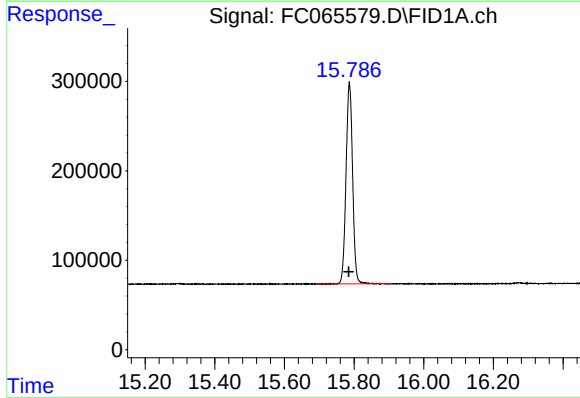
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.002 min
Response: 3018227
Conc: 19.33 ug/ml



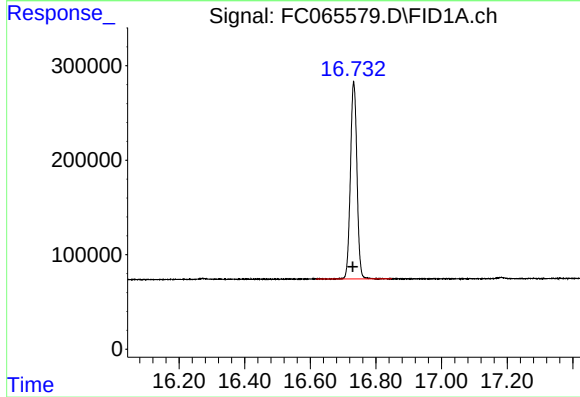
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.003 min
Response: 2995125
Conc: 19.27 ug/ml



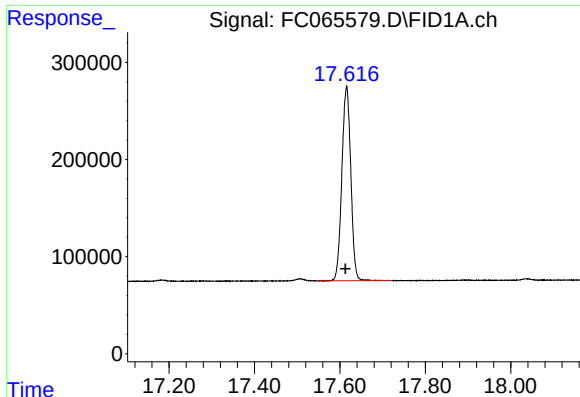
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2950845
Conc: 19.22 ug/ml



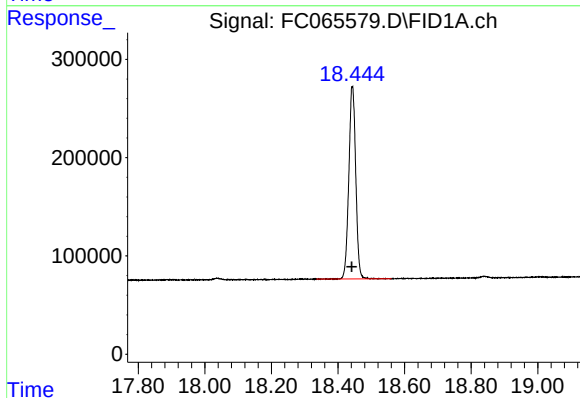
#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2884016
Conc: 19.13 ug/ml



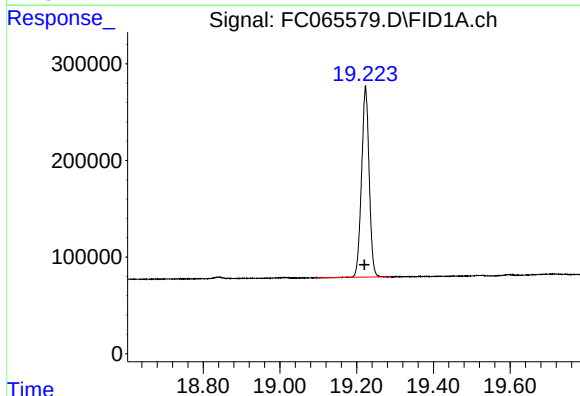
#17 n-Tricontane (C30)

R.T.: 17.615 min
Delta R.T.: 0.003 min
Response: 2901241
Conc: 19.00 ug/ml



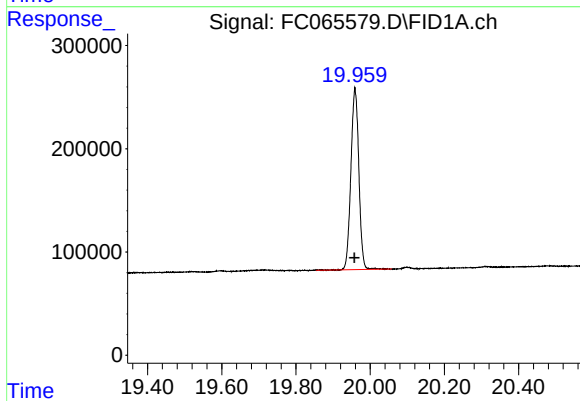
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.001 min
Response: 2829165
Conc: 18.79 ug/ml



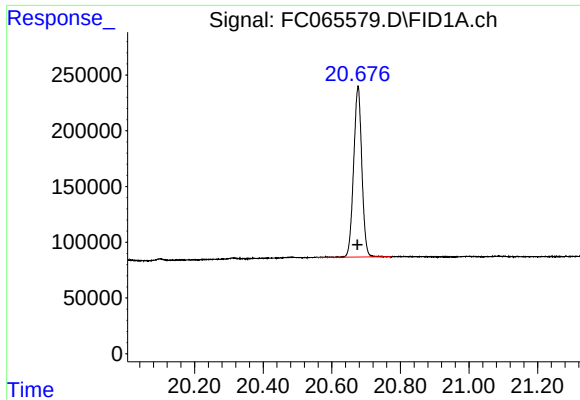
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.003 min
Response: 2709551
Conc: 18.87 ug/ml



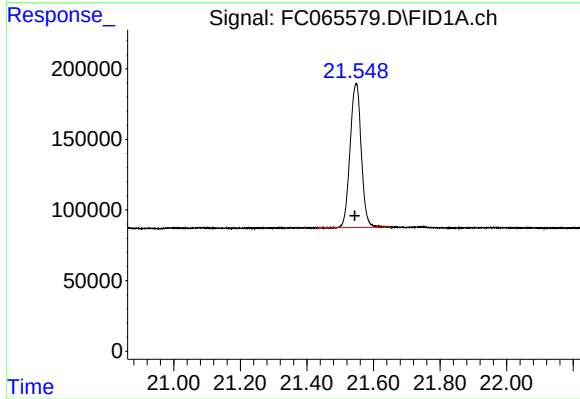
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.002 min
Response: 2606662
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.000 min
Response: 2528857
Conc: 18.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: 0.004 min
Response: 2367795
Conc: 17.11 ug/ml