

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021024AL\
 Data File : FC065696.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2024 14:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 02:54:51 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)	11.490	3495854	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.922	2579170	20.494 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T n-Nonane (C9)	3.280	3080385	20.504 ug/ml
2) T n-Decane (C10)	4.343	3147756	20.703 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3165654	20.528 ug/ml
4) T n-Dodecane (C12)	6.357	3145197	20.550 ug/ml
5) T A~2-methylnaphthalene...	6.987	2964598	20.819 ug/ml
6) T n-Tetradecane (C14)	8.146	3043372	20.499 ug/ml
7) T n-Hexadecane (C16)	9.741	3071045	20.478 ug/ml
8) T n-Octadecane (C18)	11.176	3139364	20.352 ug/ml
10) T n-Eicosane (C20)	12.479	3069338	20.411 ug/ml
11) T n-Heneicosane (C21)	13.088	3037936	20.313 ug/ml
13) T n-Docosane (C22)	13.672	3033512	20.451 ug/mlm
14) T n-Tetracosane (C24)	14.768	3038911	20.439 ug/mlm
15) T n-Hexacosane (C26)	15.784	3047946	20.568 ug/ml
16) T n-Octacosane (C28)	16.729	3034467	20.681 ug/ml
17) T n-Tricontane (C30)	17.613	3131078	20.858 ug/ml
18) T n-Dotriacontane (C32)	18.441	3097518	20.945 ug/ml
19) T n-Tetratriacontane (C34)	19.221	3016243	20.810 ug/ml
20) T n-Hexatriacontane (C36)	19.958	2916087	20.544 ug/ml
21) T n-Octatriacontane (C38)	20.675	2881226	20.355 ug/ml
22) T n-Tetracontane (C40)	21.546	2808975	20.138 ug/ml

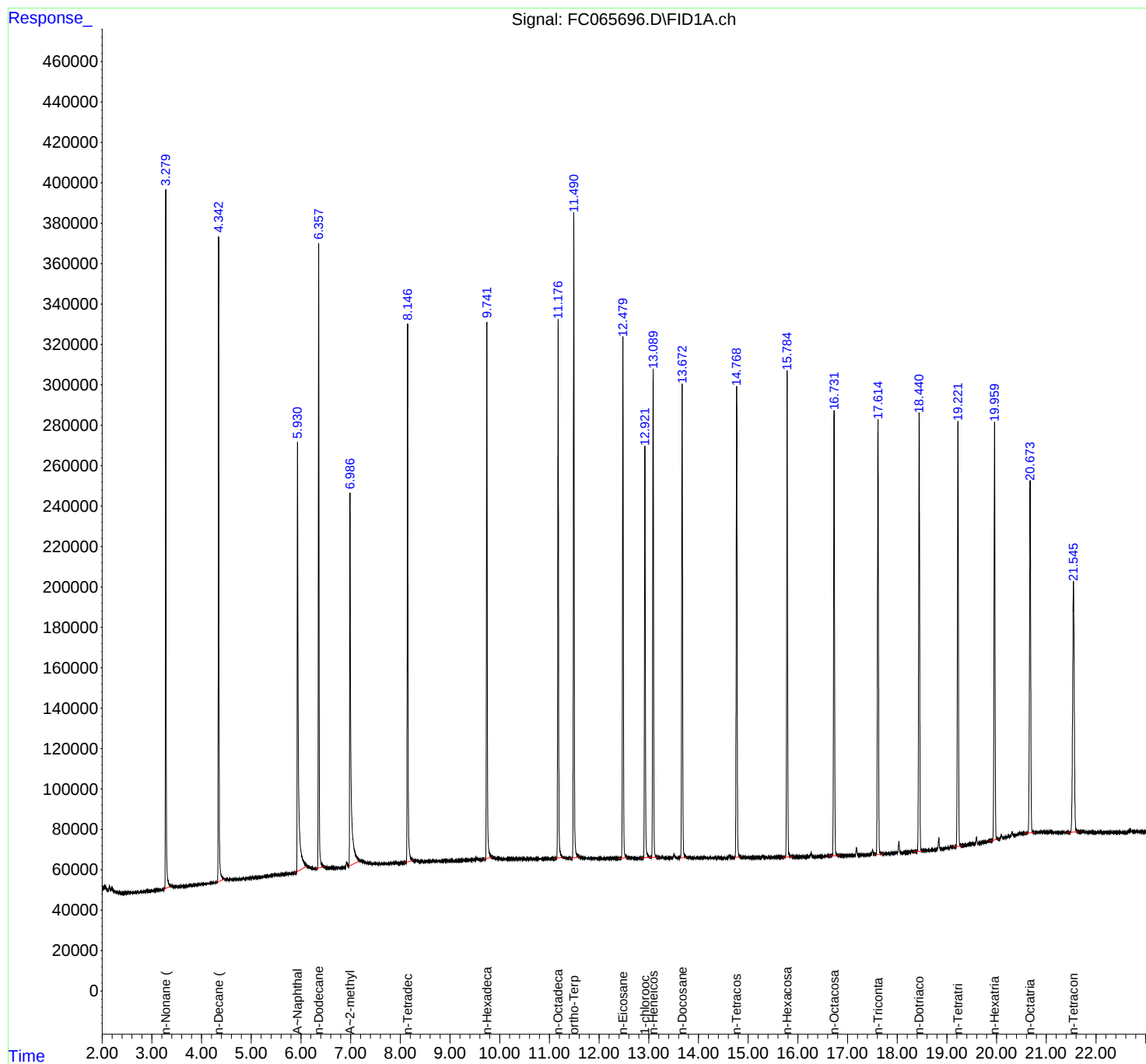
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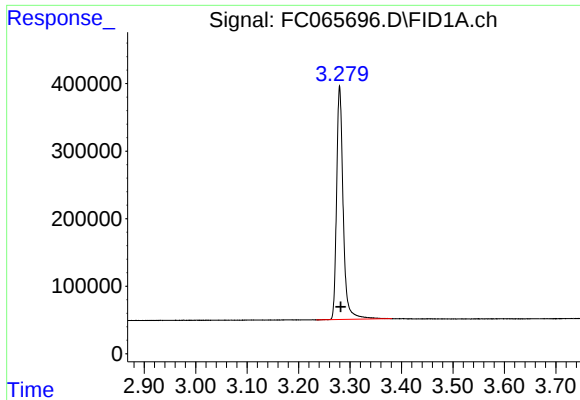
(m)=manual int.

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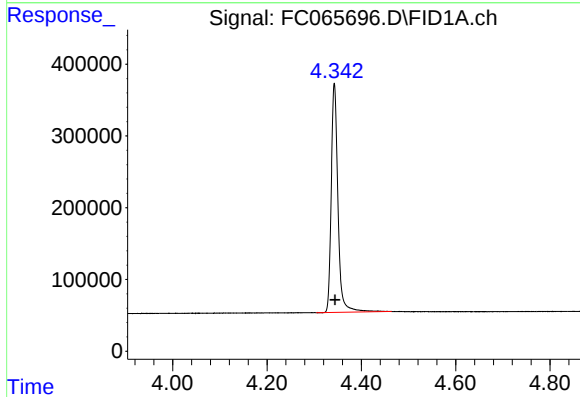
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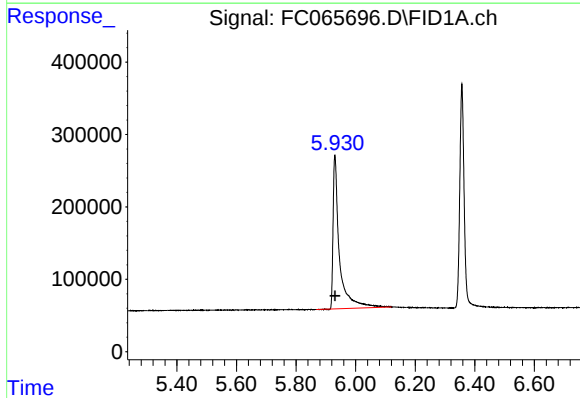
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.002 min
Response: 3080385
Conc: 20.50 ug/ml



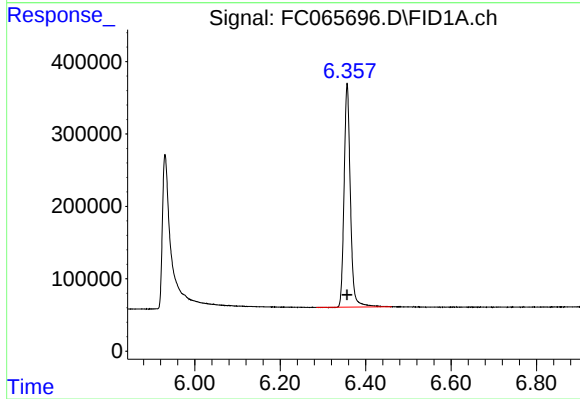
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 3147756
Conc: 20.70 ug/ml



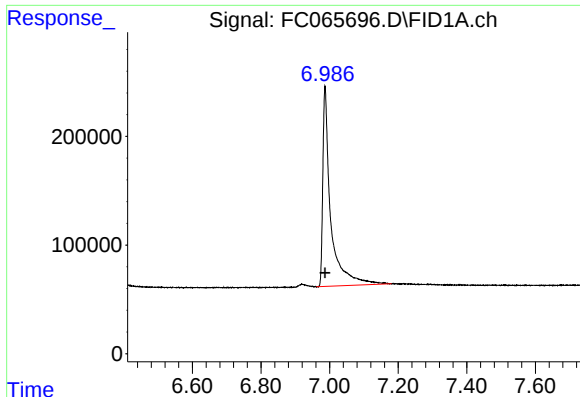
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 3165654
Conc: 20.53 ug/ml



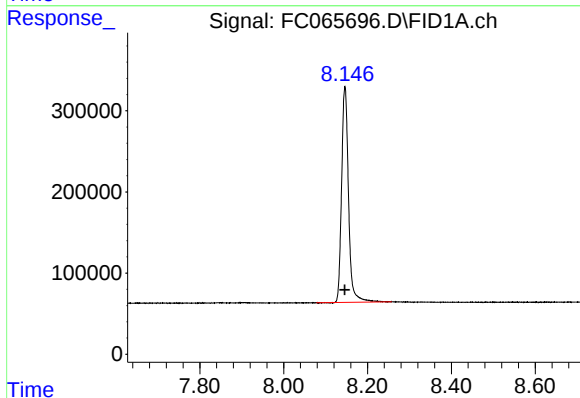
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 3145197
Conc: 20.55 ug/ml



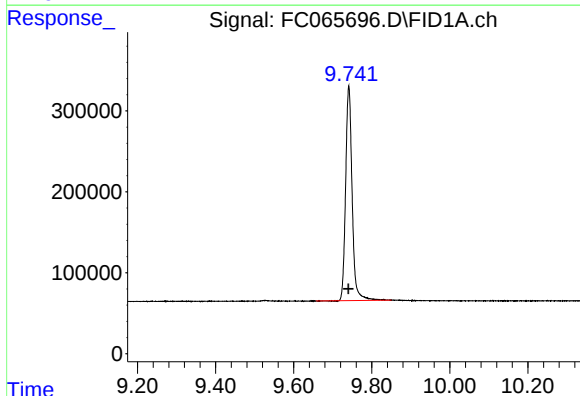
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 2964598
Conc: 20.82 ug/ml



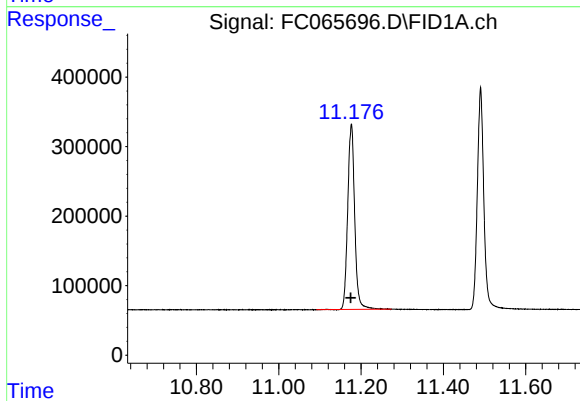
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 3043372
Conc: 20.50 ug/ml



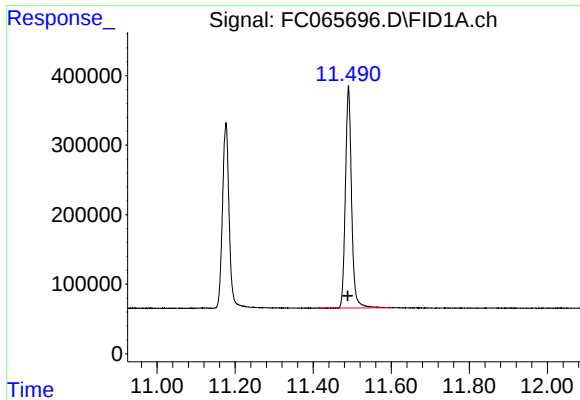
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: 0.000 min
Response: 3071045
Conc: 20.48 ug/ml



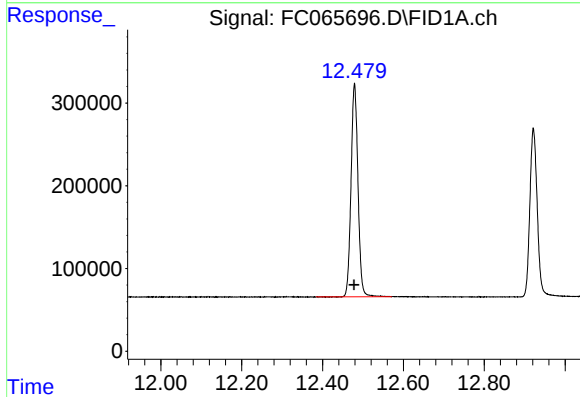
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.001 min
Response: 3139364
Conc: 20.35 ug/ml



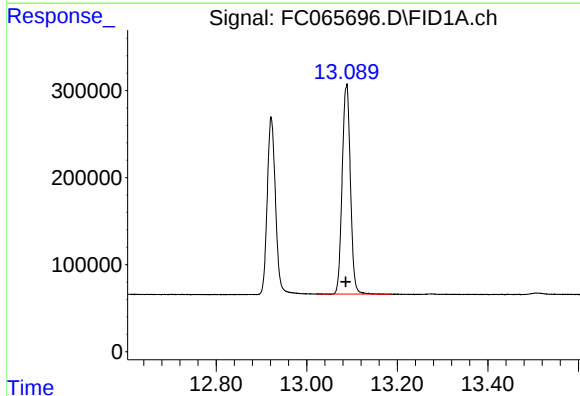
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: 0.002 min
Response: 3495854
Conc: 20.38 ug/ml



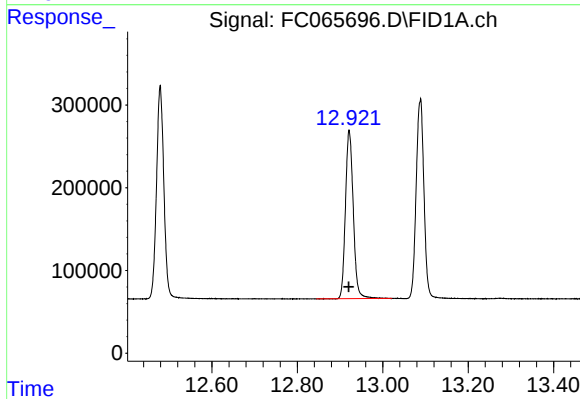
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: 0.001 min
Response: 3069338
Conc: 20.41 ug/ml



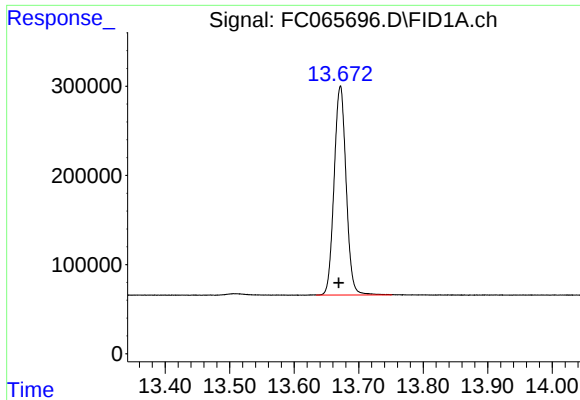
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: 0.001 min
Response: 3037936
Conc: 20.31 ug/ml



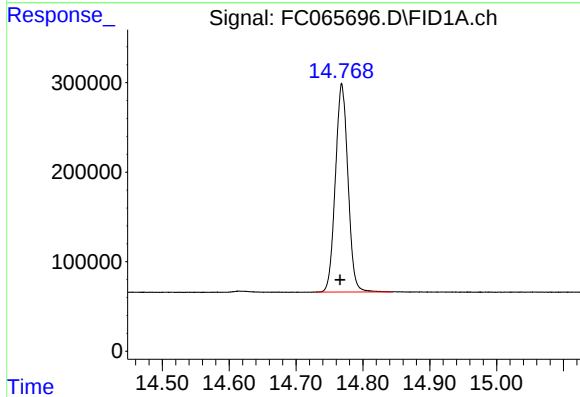
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: 0.002 min
Response: 2579170
Conc: 20.49 ug/ml



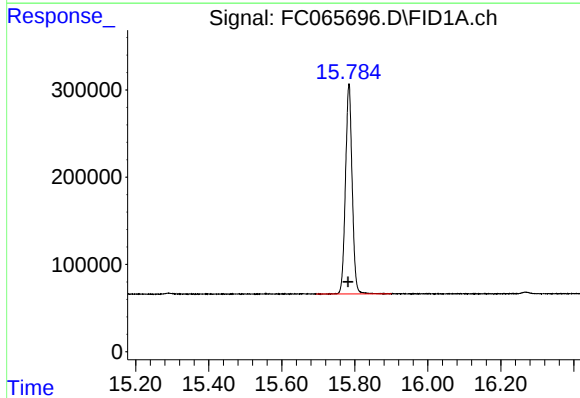
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.003 min
Response: 3033512
Conc: 20.45 ug/ml m



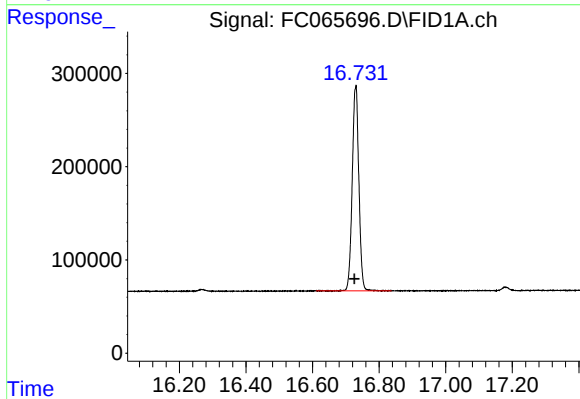
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.002 min
Response: 3038911
Conc: 20.44 ug/ml m



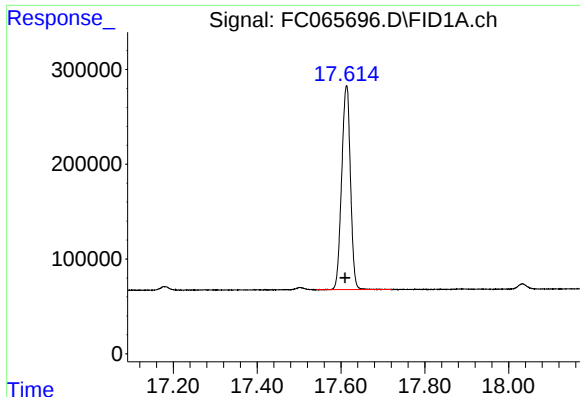
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.003 min
Response: 3047946
Conc: 20.57 ug/ml



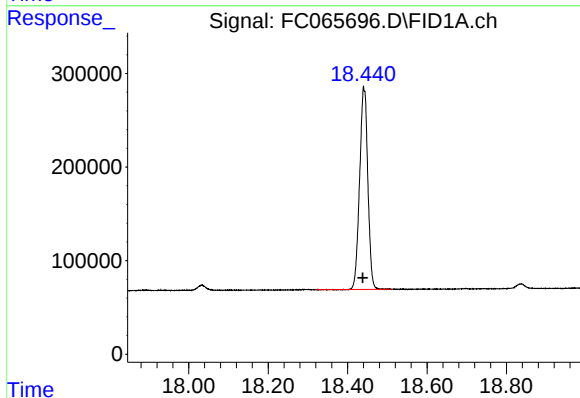
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.003 min
Response: 3034467
Conc: 20.68 ug/ml



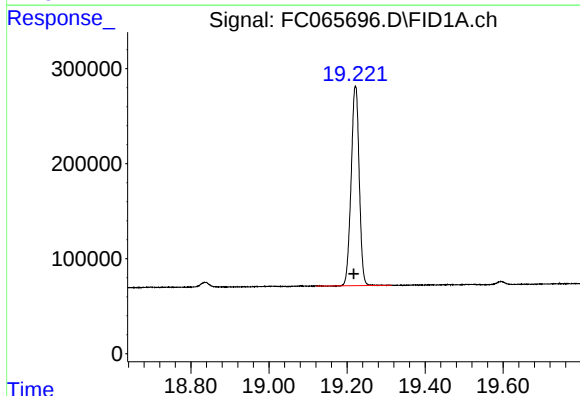
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.003 min
Response: 3131078
Conc: 20.86 ug/ml



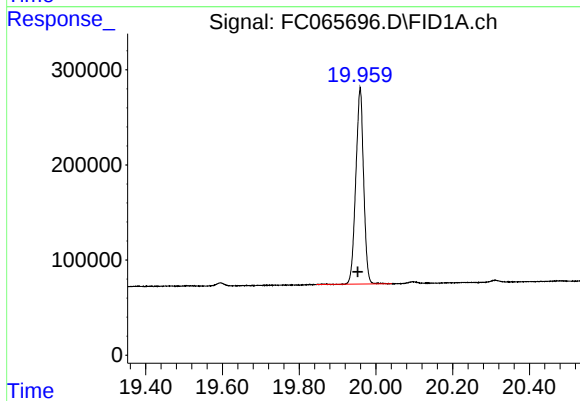
#18 n-Dotriacontane (C32)

R.T.: 18.441 min
Delta R.T.: 0.003 min
Response: 3097518
Conc: 20.95 ug/ml



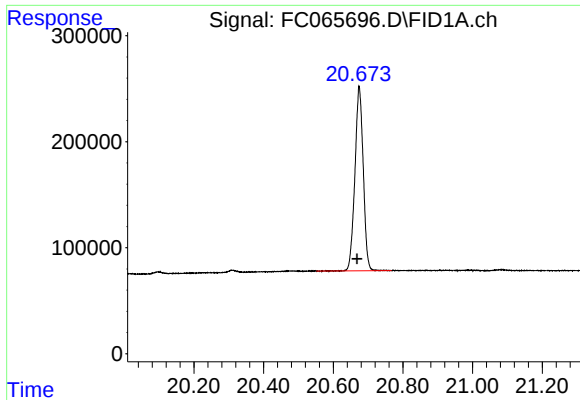
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.004 min
Response: 3016243
Conc: 20.81 ug/ml



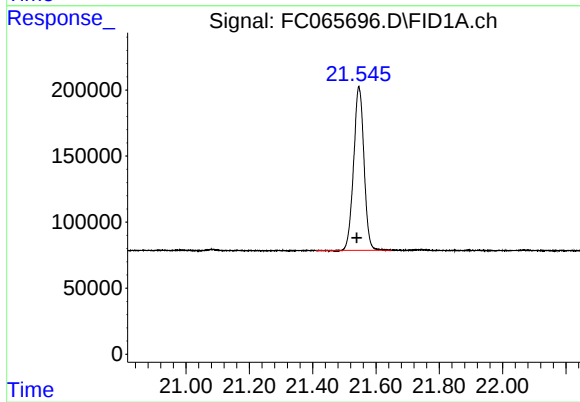
#20 n-Hexatriacontane (C36)

R.T.: 19.958 min
Delta R.T.: 0.005 min
Response: 2916087
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: 0.006 min
Response: 2881226
Conc: 20.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.546 min
Delta R.T.: 0.007 min
Response: 2808975
Conc: 20.14 ug/ml