

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112423AL\
 Data File : FC065297.D
 Signal(s) : FID1A.ch
 Acq On : 24 Nov 2023 13:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 14:00:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 2023
 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)	11.505	4681599	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
12) S 1-chlorooctadecane (S...	12.936	3348594	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.304	4050954	20.231 ug/ml
2) T n-Decane (C10)	4.364	4071913	20.259 ug/ml
3) T A~Naphthalene (C11.7)	5.946	4274327	21.053 ug/ml
4) T n-Dodecane (C12)	6.375	4115094	20.236 ug/ml
5) T A~2-methylnaphthalene...	7.000	3924781	20.193 ug/ml
6) T n-Tetradecane (C14)	8.163	4017447	20.215 ug/ml
7) T n-Hexadecane (C16)	9.757	4010872	20.248 ug/ml
8) T n-Octadecane (C18)	11.191	4032772	20.361 ug/ml
10) T n-Eicosane (C20)	12.494	3819241	20.182 ug/ml
11) T n-Heneicosane (C21)	13.103	3720213	20.134 ug/ml
13) T n-Docosane (C22)	13.686	3628815	20.114 ug/ml
14) T n-Tetracosane (C24)	14.784	3482615	20.087 ug/ml
15) T n-Hexacosane (C26)	15.800	3333825	20.021 ug/ml
16) T n-Octacosane (C28)	16.745	3201194	20.015 ug/ml
17) T n-Tricontane (C30)	17.628	3180301	19.973 ug/ml
18) T n-Dotriacontane (C32)	18.456	3138399	19.964 ug/ml
19) T n-Tetratriacontane (C34)	19.236	3084079	19.985 ug/ml
20) T n-Hexatriacontane (C36)	19.973	3072992	20.047 ug/ml
21) T n-Octatriacontane (C38)	20.692	3039104	19.986 ug/ml
22) T n-Tetracontane (C40)	21.569	3013431	20.102 ug/ml

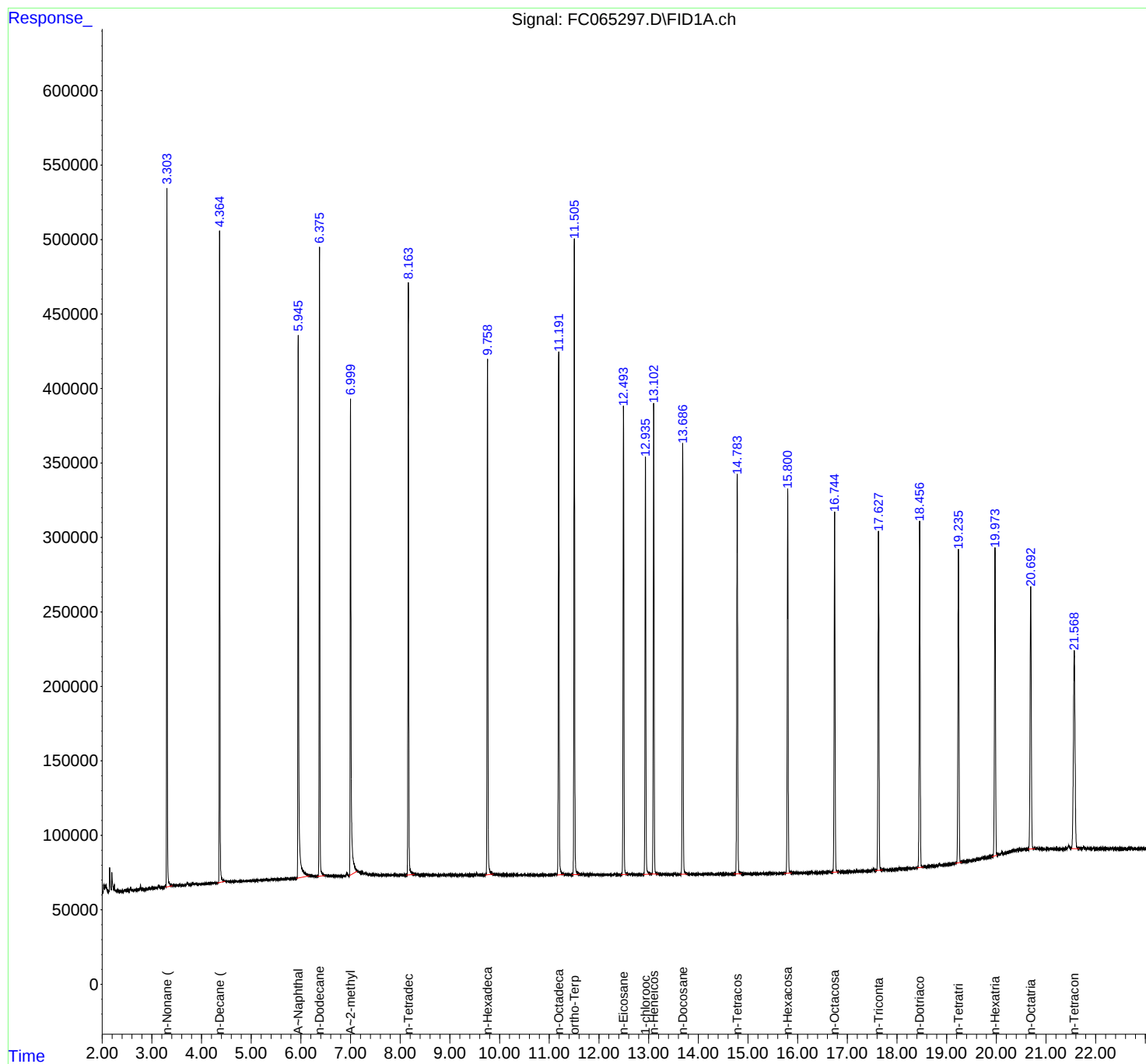
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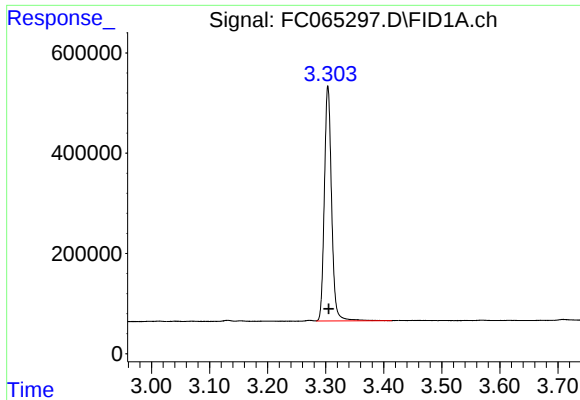
(m)=manual int.

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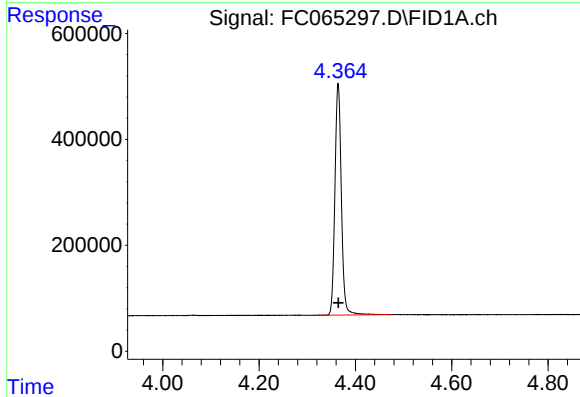
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Signal Info : 20M x 0.18mm x 0.18um





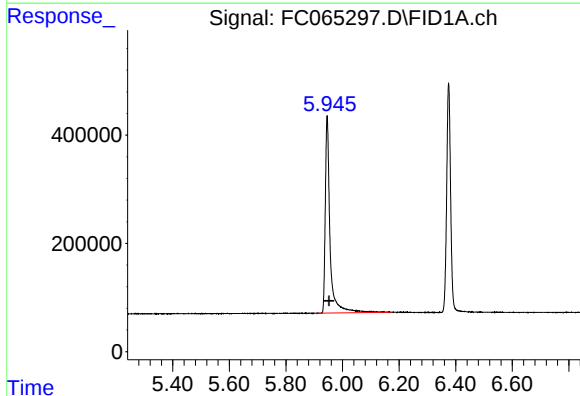
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.001 min
Response: 4050954
Conc: 20.23 ug/ml



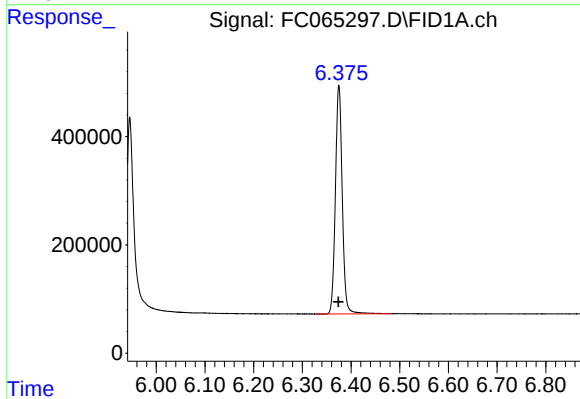
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 4071913
Conc: 20.26 ug/ml



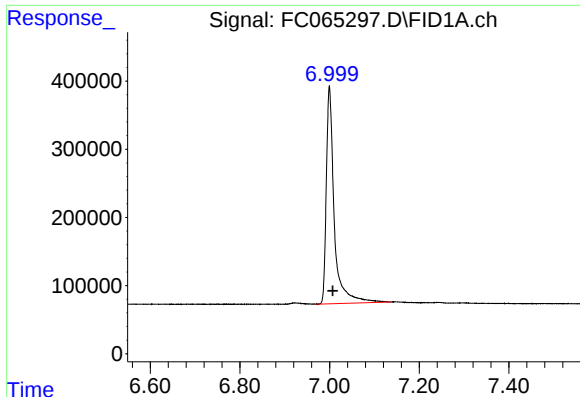
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 4274327
Conc: 21.05 ug/ml



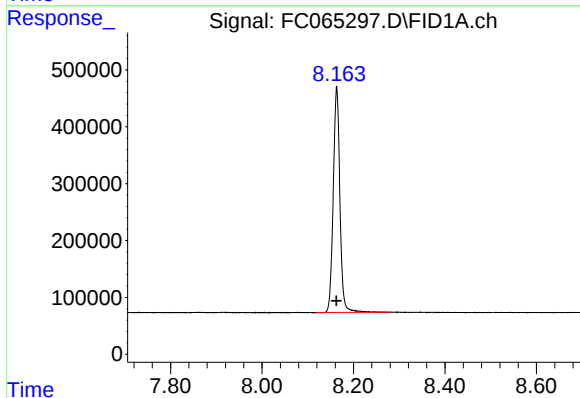
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 4115094
Conc: 20.24 ug/ml



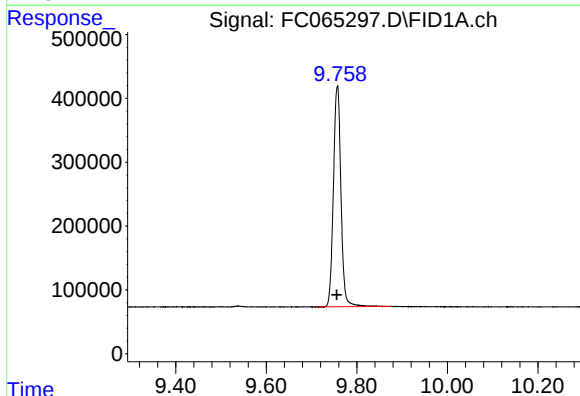
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.007 min
Response: 3924781
Conc: 20.19 ug/ml



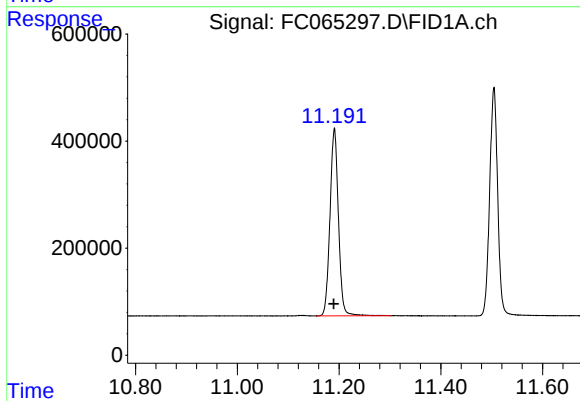
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: 0.001 min
Response: 4017447
Conc: 20.22 ug/ml



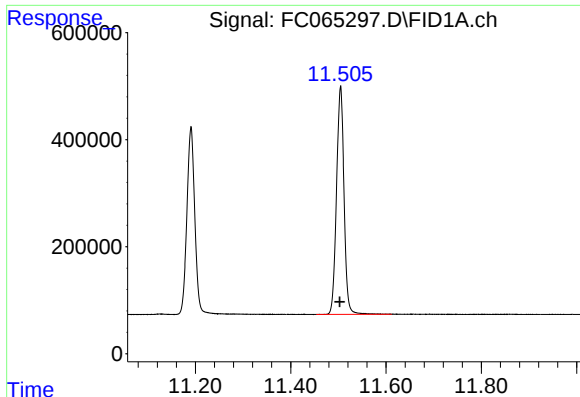
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.001 min
Response: 4010872
Conc: 20.25 ug/ml



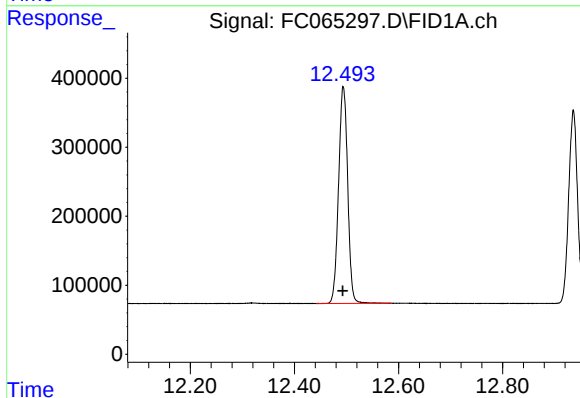
#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.000 min
Response: 4032772
Conc: 20.36 ug/ml



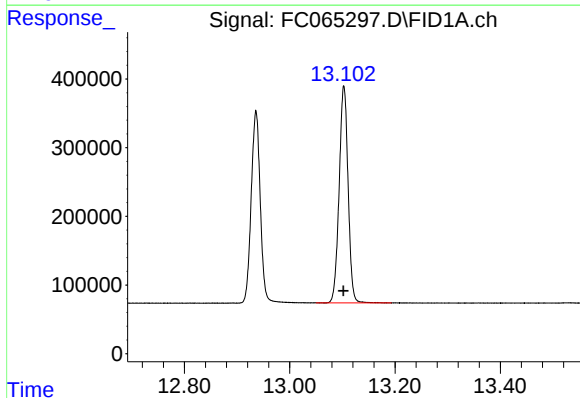
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.002 min
Response: 4681599
Conc: 20.18 ug/ml



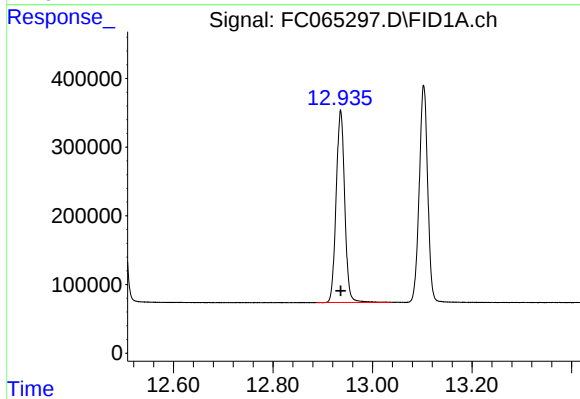
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.001 min
Response: 3819241
Conc: 20.18 ug/ml



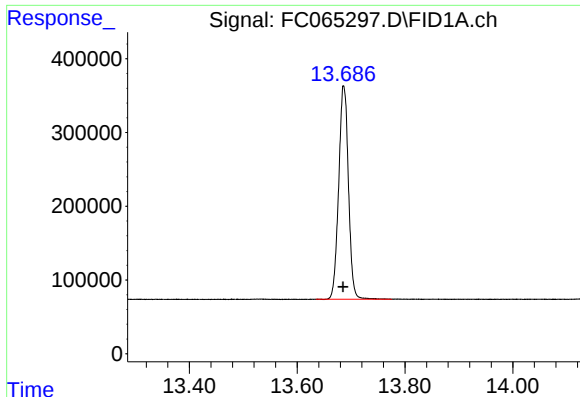
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 3720213
Conc: 20.13 ug/ml



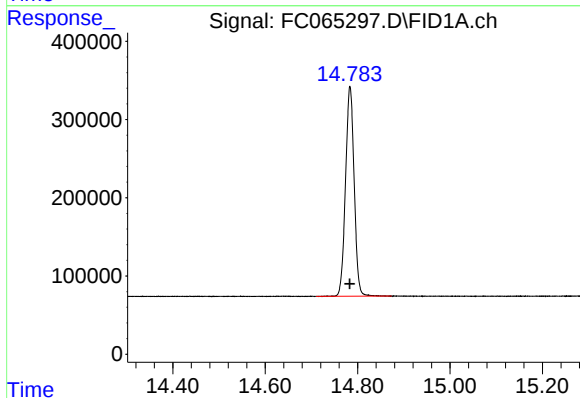
#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 3348594
Conc: 20.22 ug/ml



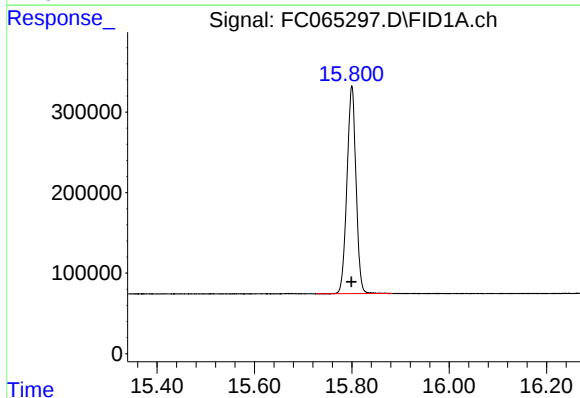
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: 0.001 min
Response: 3628815
Conc: 20.11 ug/ml



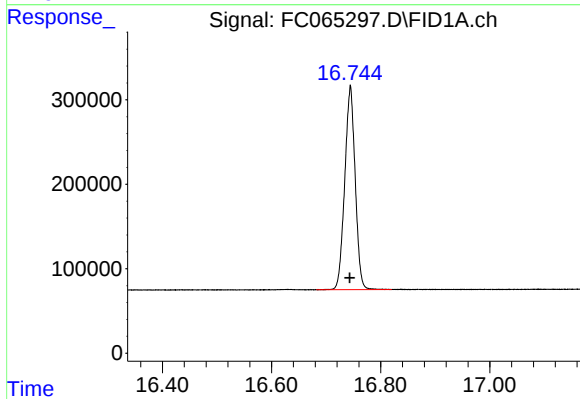
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 3482615
Conc: 20.09 ug/ml



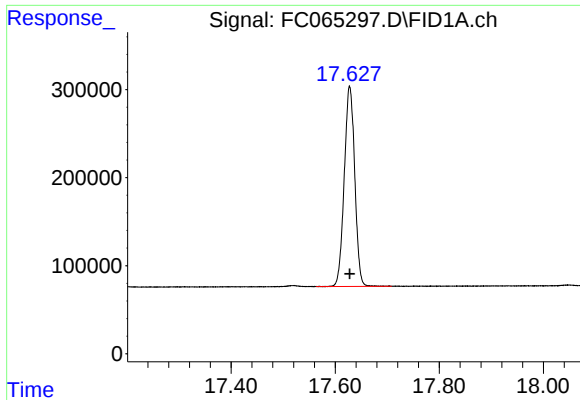
#15 n-Hexacosane (C26)

R.T.: 15.800 min
Delta R.T.: 0.000 min
Response: 3333825
Conc: 20.02 ug/ml



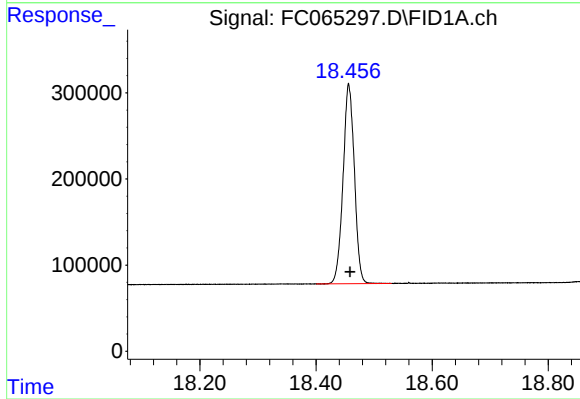
#16 n-Octacosane (C28)

R.T.: 16.745 min
Delta R.T.: 0.001 min
Response: 3201194
Conc: 20.01 ug/ml



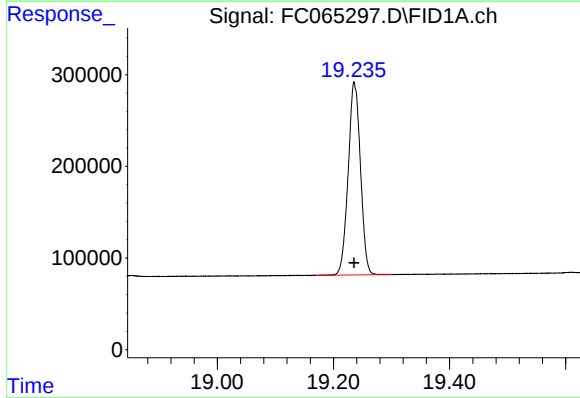
#17 n-Tricontane (C30)

R.T.: 17.628 min
Delta R.T.: 0.000 min
Response: 3180301
Conc: 19.97 ug/ml



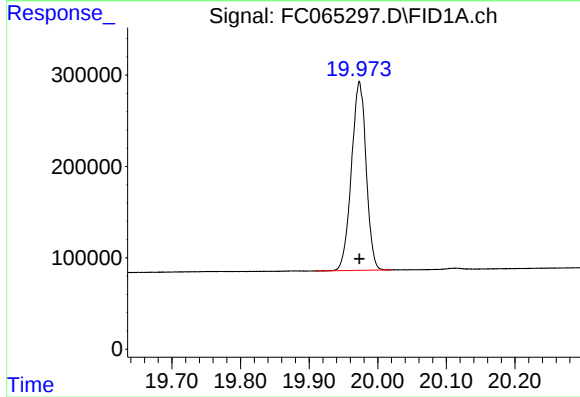
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.002 min
Response: 3138399
Conc: 19.96 ug/ml



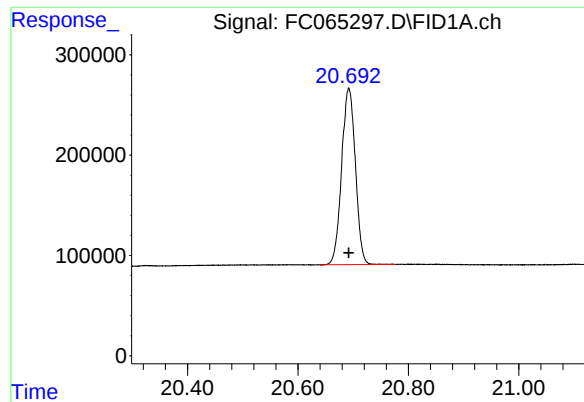
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.000 min
Response: 3084079
Conc: 19.99 ug/ml



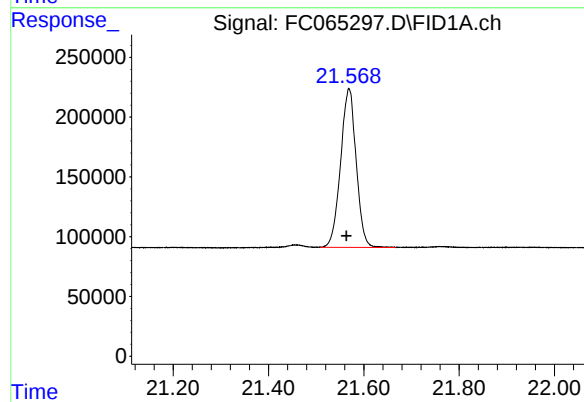
#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.000 min
Response: 3072992
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.000 min
Response: 3039104
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: 0.005 min
Response: 3013431
Conc: 20.10 ug/ml