

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112423AL\
 Data File : FC065296.D
 Signal(s) : FID1A.ch
 Acq On : 24 Nov 2023 12:52
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 13:27:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:27:30 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)	11.503	1237901	5.336 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
12) S 1-chlorooctadecane (S...	12.936	859727	5.192 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
Target Compounds			
1) T n-Nonane (C9)	3.305	1049834	5.243 ug/ml
2) T n-Decane (C10)	4.365	1041809	5.183 ug/ml
3) T A~Naphthalene (C11.7)	5.952	956322	4.710 ug/ml
4) T n-Dodecane (C12)	6.374	1056954	5.197 ug/ml
5) T A~2-methylnaphthalene...	7.007	874173	4.498 ug/ml
6) T n-Tetradecane (C14)	8.162	1032541	5.196 ug/ml
7) T n-Hexadecane (C16)	9.756	1028224	5.191 ug/ml
8) T n-Octadecane (C18)	11.190	1032405	5.212 ug/ml
10) T n-Eicosane (C20)	12.493	1002872	5.300 ug/ml
11) T n-Heneicosane (C21)	13.102	982031	5.315 ug/ml
13) T n-Docosane (C22)	13.685	960332	5.323 ug/ml
14) T n-Tetracosane (C24)	14.783	919749	5.305 ug/ml
15) T n-Hexacosane (C26)	15.799	887359	5.329 ug/ml
16) T n-Octacosane (C28)	16.744	856320	5.354 ug/ml
17) T n-Tricontane (C30)	17.628	857008	5.382 ug/ml
18) T n-Dotriacontane (C32)	18.459	848319	5.396 ug/ml
19) T n-Tetratriacontane (C34)	19.235	834151	5.405 ug/ml
20) T n-Hexatriacontane (C36)	19.973	822807	5.368 ug/ml
21) T n-Octatriacontane (C38)	20.692	816620	5.370 ug/ml
22) T n-Tetracontane (C40)	21.564	792117	5.284 ug/ml

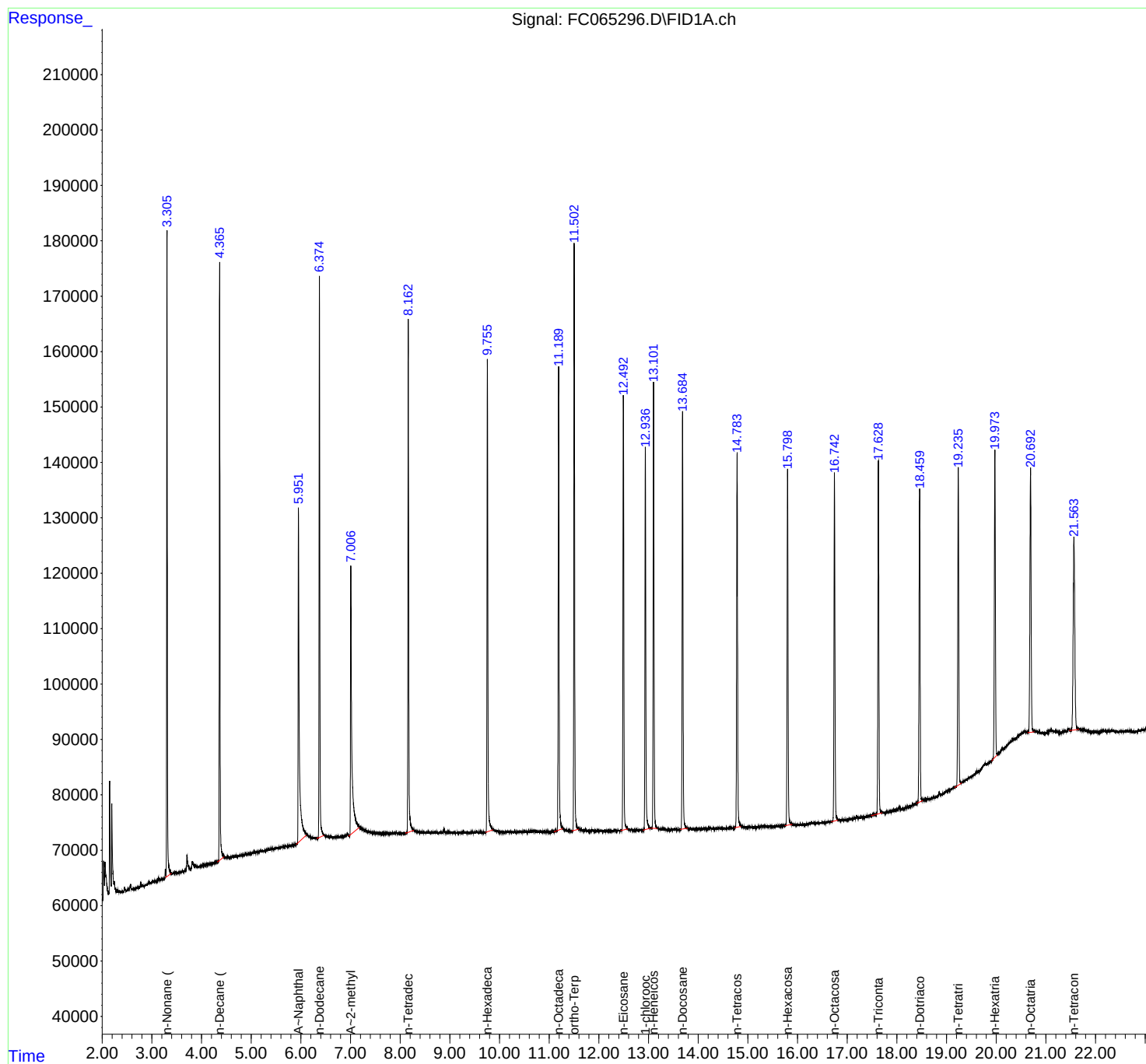
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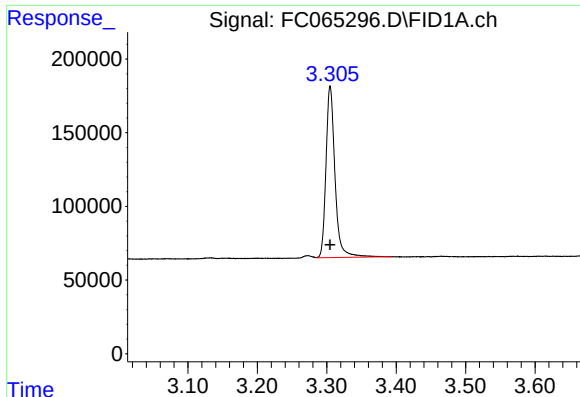
(m)=manual int.

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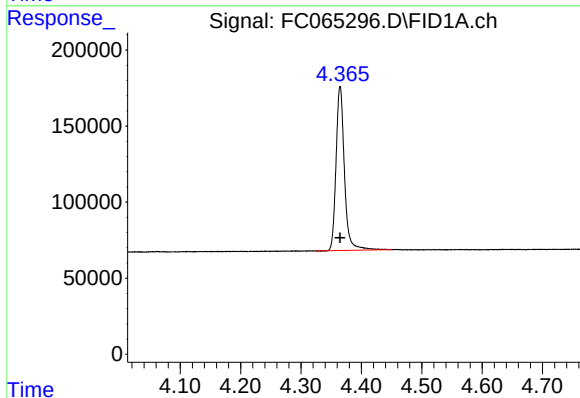
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





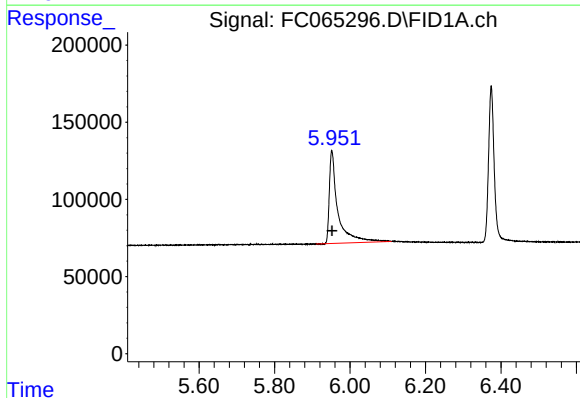
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 1049834
Conc: 5.24 ug/ml



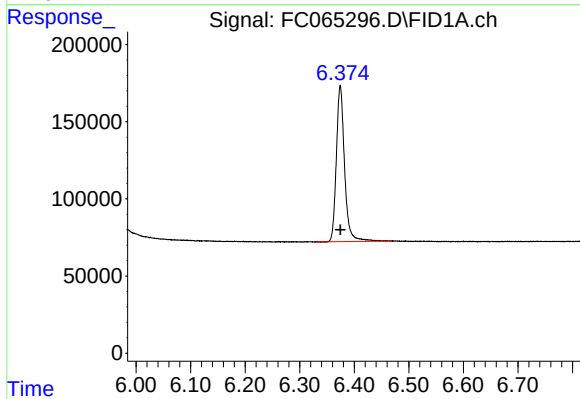
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1041809
Conc: 5.18 ug/ml



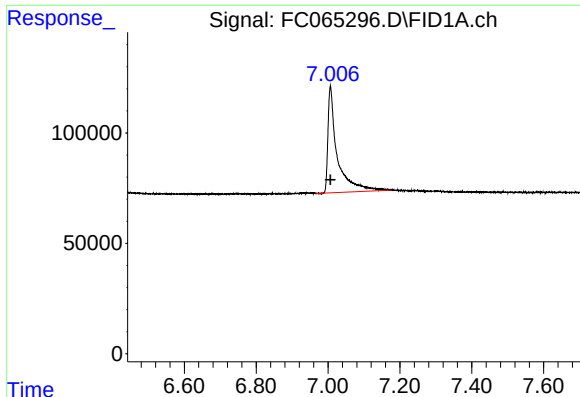
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 956322
Conc: 4.71 ug/ml



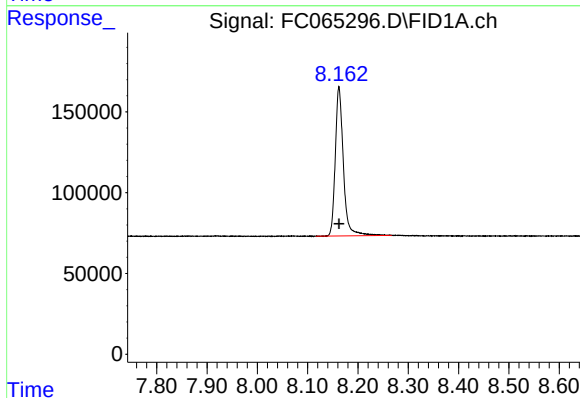
#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 1056954
Conc: 5.20 ug/ml



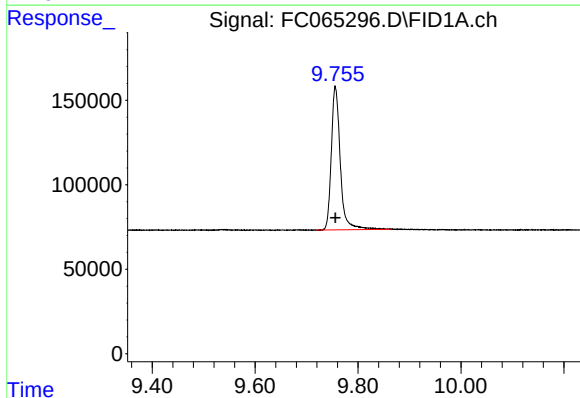
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 874173
Conc: 4.50 ug/ml



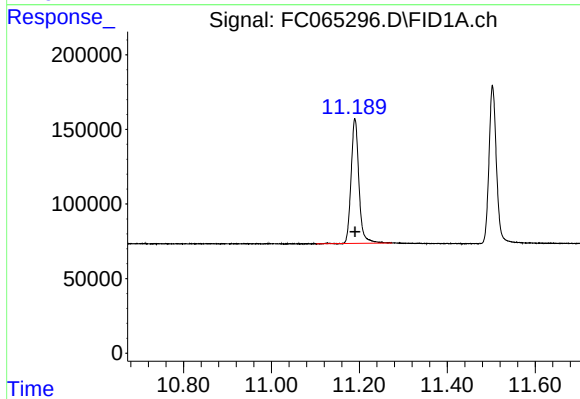
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 1032541
Conc: 5.20 ug/ml



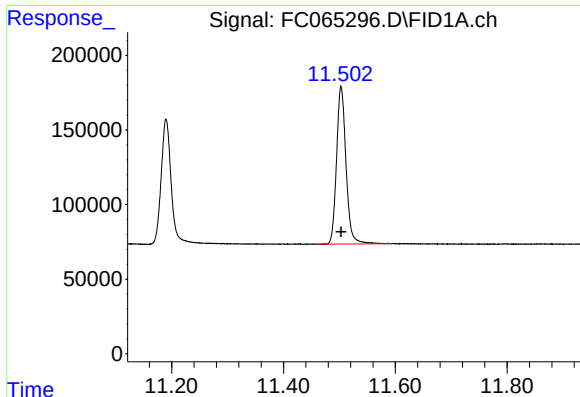
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 1028224
Conc: 5.19 ug/ml



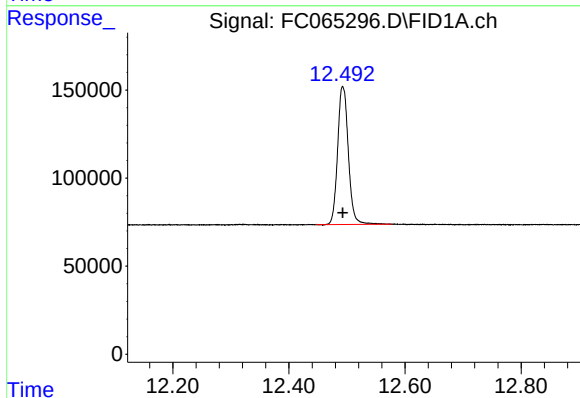
#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 1032405
Conc: 5.21 ug/ml



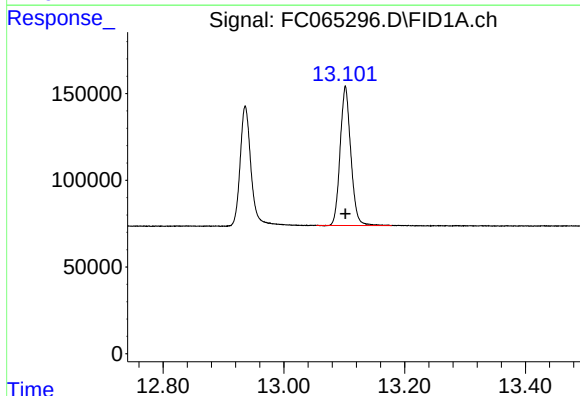
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.000 min
Response: 1237901
Conc: 5.34 ug/ml



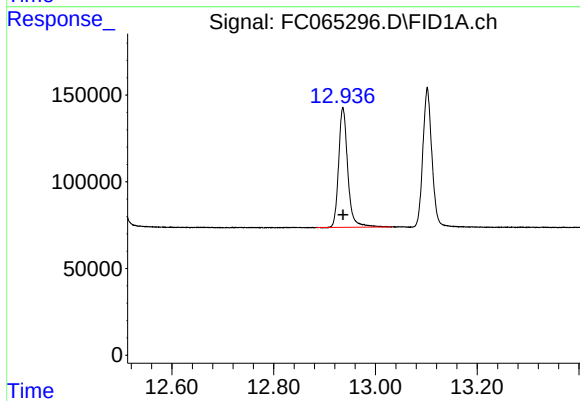
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 1002872
Conc: 5.30 ug/ml



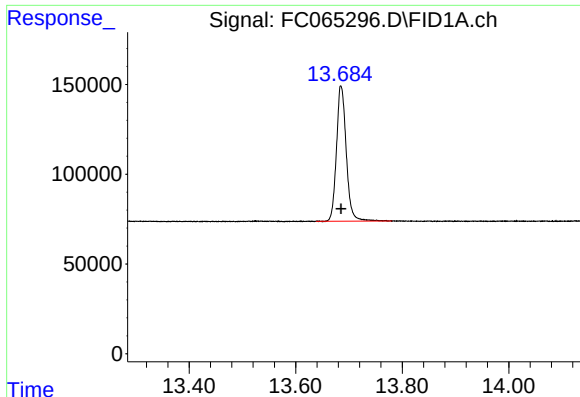
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 982031
Conc: 5.31 ug/ml



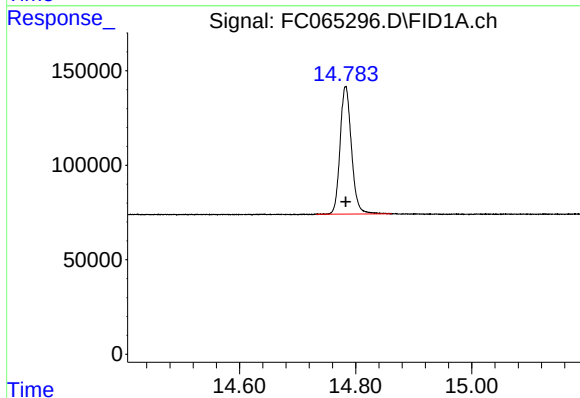
#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 859727
Conc: 5.19 ug/ml



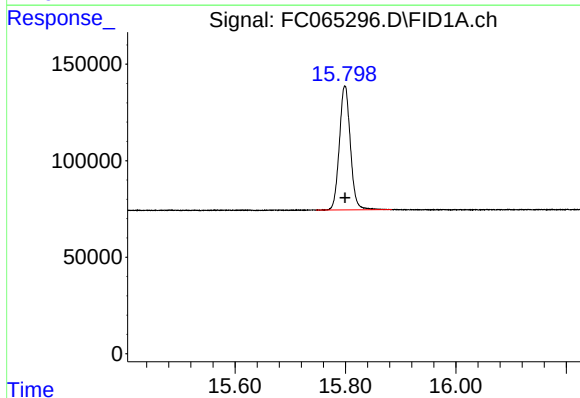
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 960332
Conc: 5.32 ug/ml



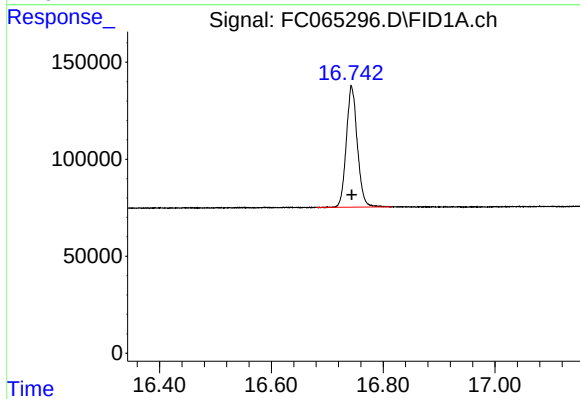
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.000 min
Response: 919749
Conc: 5.31 ug/ml



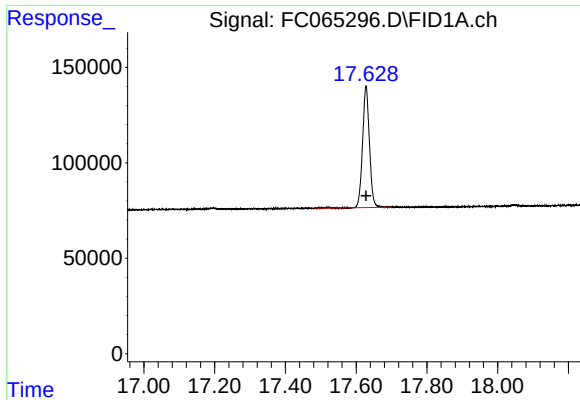
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: 0.000 min
Response: 887359
Conc: 5.33 ug/ml



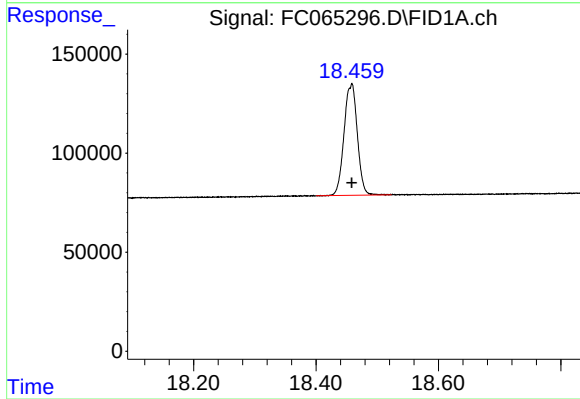
#16 n-Octacosane (C28)

R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 856320
Conc: 5.35 ug/ml



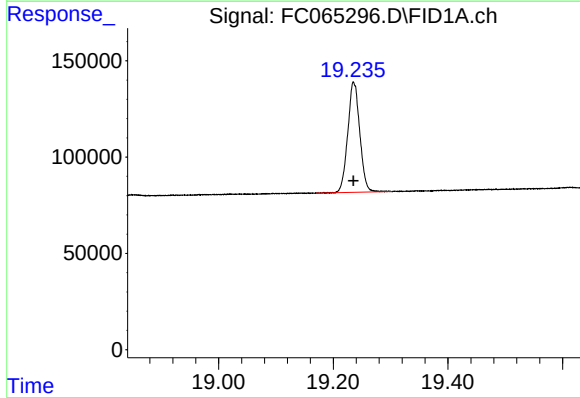
#17 n-Tricontane (C30)

R.T.: 17.628 min
Delta R.T.: 0.000 min
Response: 857008
Conc: 5.38 ug/ml



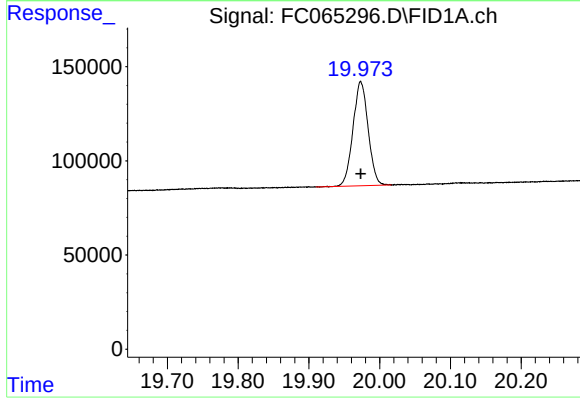
#18 n-Dotriacontane (C32)

R.T.: 18.459 min
Delta R.T.: 0.000 min
Response: 848319
Conc: 5.40 ug/ml



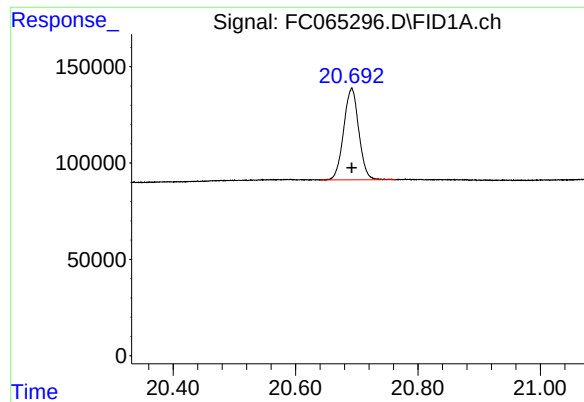
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 834151
Conc: 5.41 ug/ml



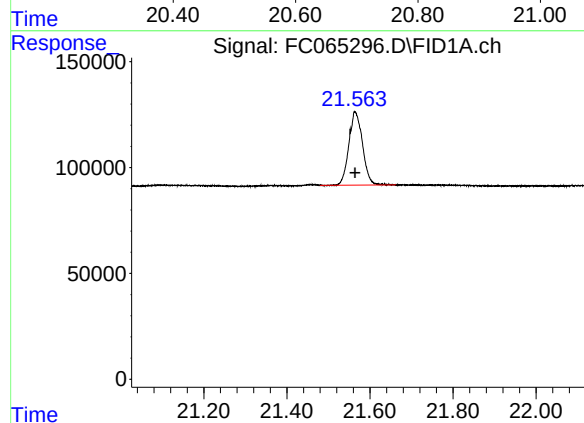
#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.000 min
Response: 822807
Conc: 5.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.000 min
Response: 816620
Conc: 5.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.564 min
Delta R.T.: 0.000 min
Response: 792117
Conc: 5.28 ug/ml