

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102023AL\
 Data File : FC064887.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2023 13:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 20 14:29:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.525	4017463	18.816 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	12.960	2907296	19.390 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T n-Nonane (C9)	3.318	3426574	18.656 ug/ml
2) T n-Decane (C10)	4.380	3532432	19.311 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3670691	19.354 ug/ml
4) T n-Dodecane (C12)	6.393	3560113	19.100 ug/ml
5) T A~2-methylnaphthalene...	7.018	3554145	20.295 ug/ml
6) T n-Tetradecane (C14)	8.182	3500633	19.491 ug/ml
7) T n-Hexadecane (C16)	9.776	3507760	19.720 ug/ml
8) T n-Octadecane (C18)	11.213	3467377	19.323 ug/ml
10) T n-Eicosane (C20)	12.518	3311688	19.233 ug/ml
11) T n-Heneicosane (C21)	13.127	3228946	19.066 ug/ml
13) T n-Docosane (C22)	13.712	3174000	19.263 ug/ml
14) T n-Tetracosane (C24)	14.809	3110553	19.543 ug/ml
15) T n-Hexacosane (C26)	15.828	2987106	19.500 ug/ml
16) T n-Octacosane (C28)	16.772	2982913	20.242 ug/ml
17) T n-Tricontane (C30)	17.659	3150437	21.532 ug/ml
18) T n-Dotriacontane (C32)	18.487	3221437	22.310 ug/ml
19) T n-Tetratriacontane (C34)	19.266	3064762	21.782 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2924121	21.135 ug/ml
21) T n-Octatriacontane (C38)	20.729	2955963	22.315 ug/ml
22) T n-Tetracontane (C40)	21.616	2745094	21.935 ug/ml

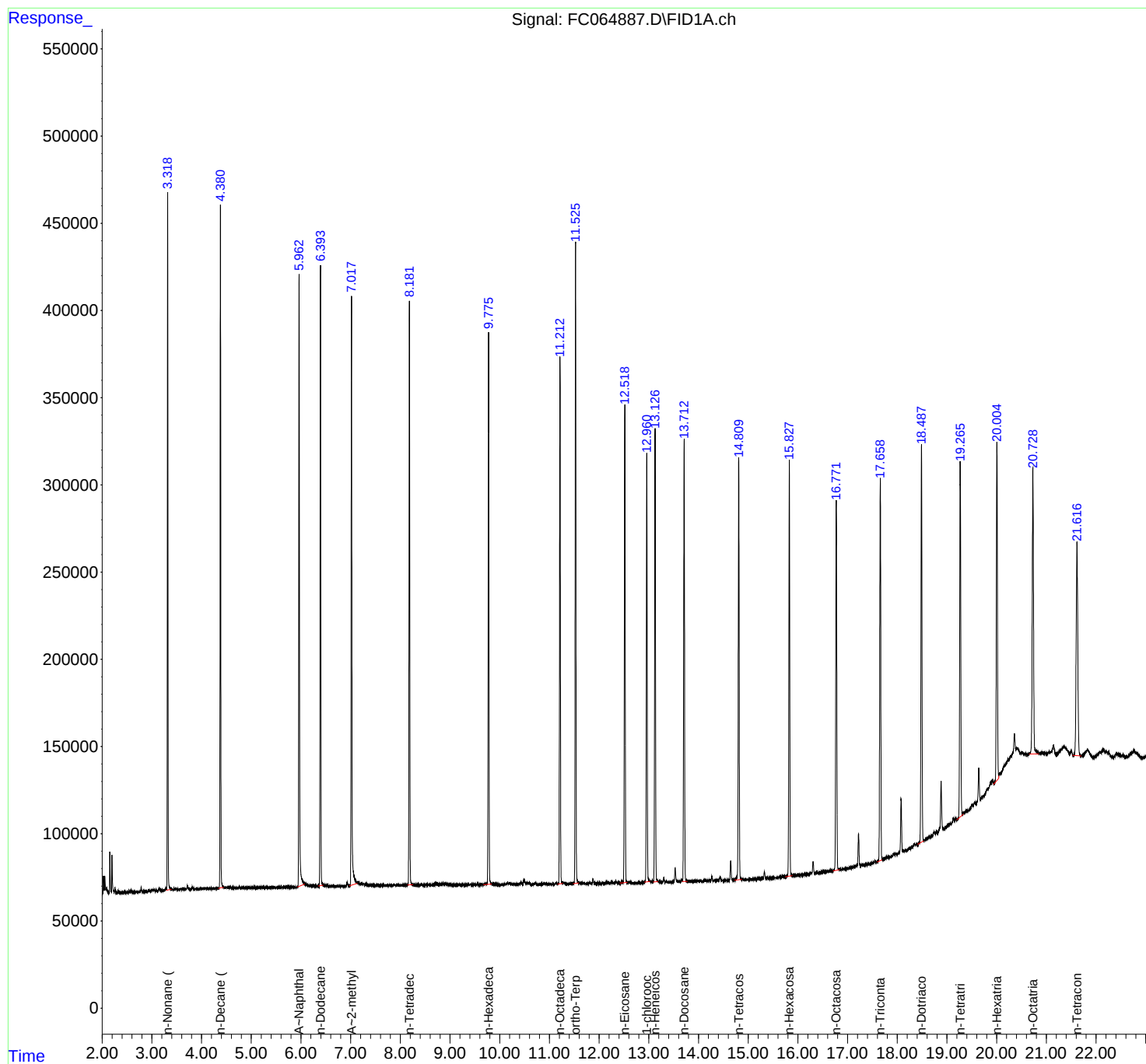
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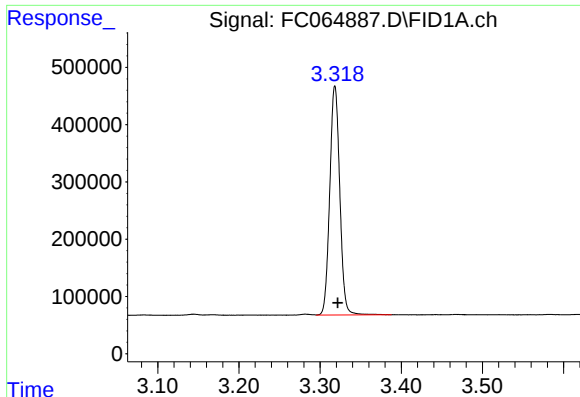
(m)=manual int.

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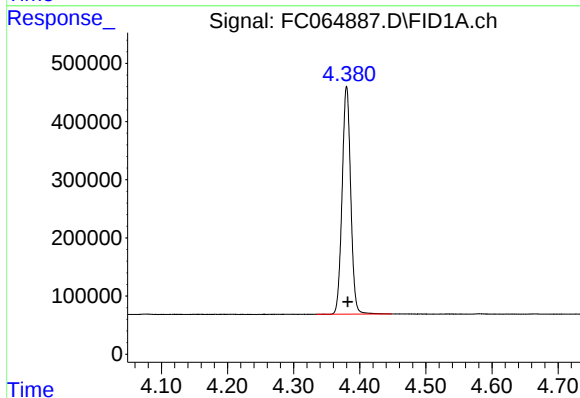
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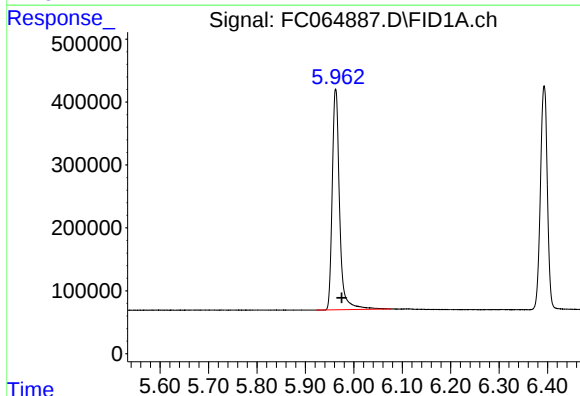
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.004 min
Response: 3426574
Conc: 18.66 ug/ml



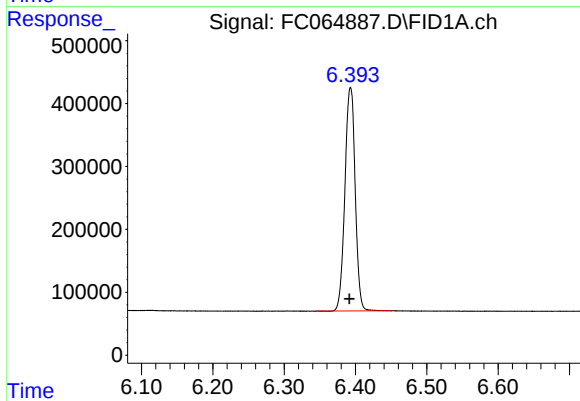
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3532432
Conc: 19.31 ug/ml



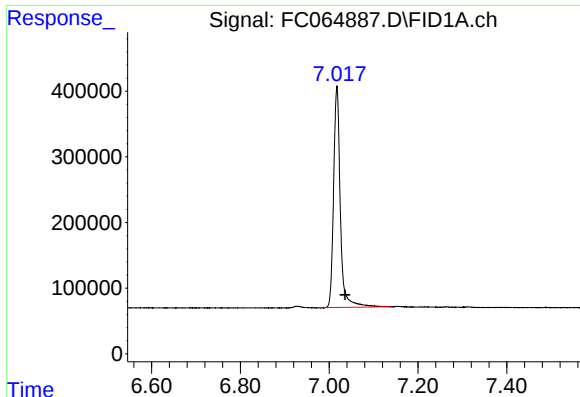
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.013 min
Response: 3670691
Conc: 19.35 ug/ml



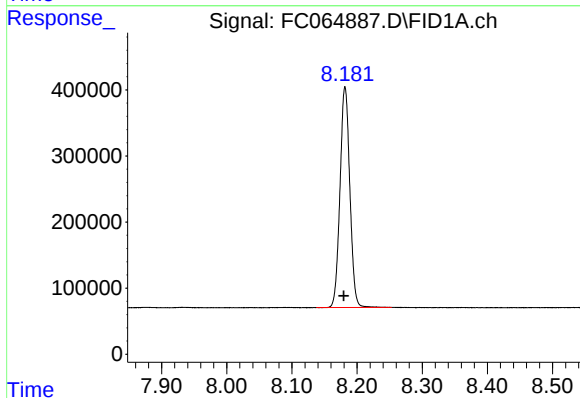
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 3560113
Conc: 19.10 ug/ml



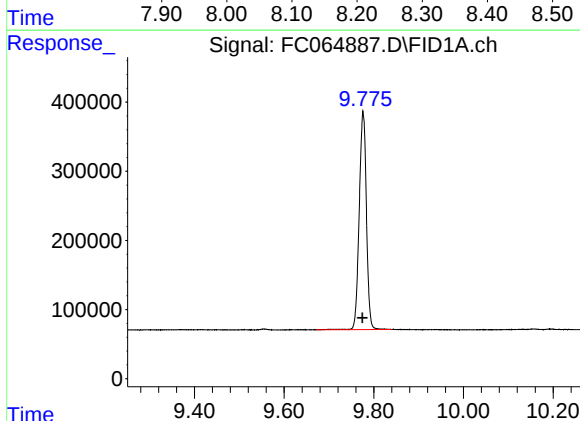
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.019 min
Response: 3554145
Conc: 20.29 ug/ml



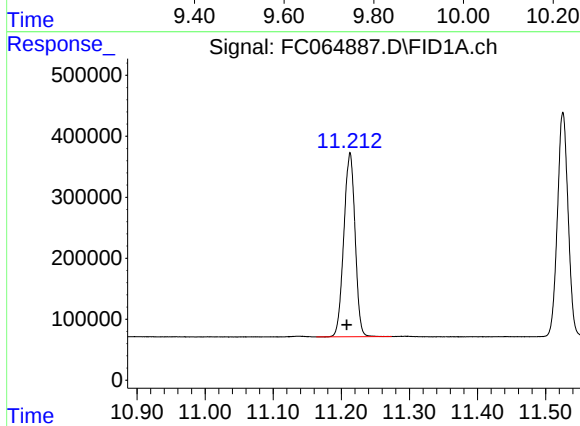
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.002 min
Response: 3500633
Conc: 19.49 ug/ml



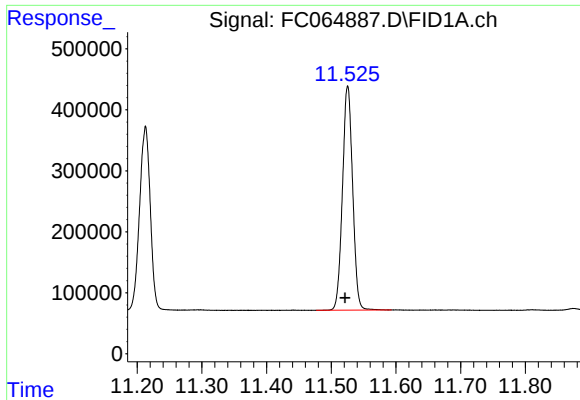
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.002 min
Response: 3507760
Conc: 19.72 ug/ml



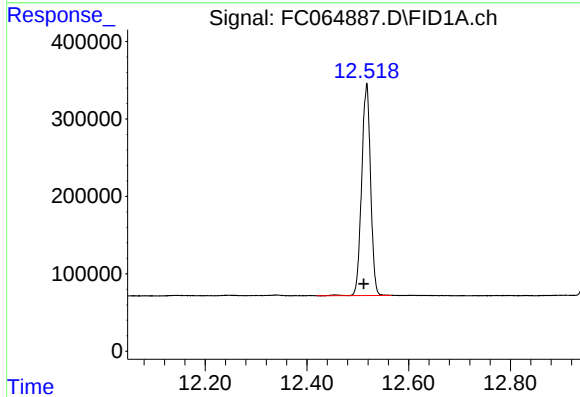
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: 0.005 min
Response: 3467377
Conc: 19.32 ug/ml



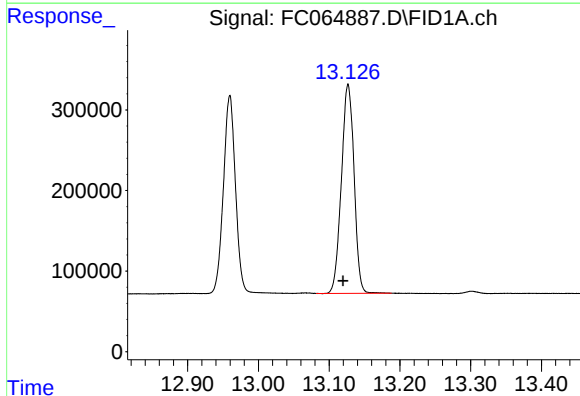
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.004 min
Response: 4017463
Conc: 18.82 ug/ml



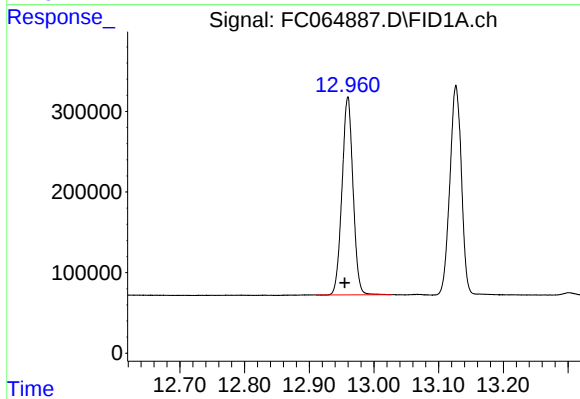
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.006 min
Response: 3311688
Conc: 19.23 ug/ml



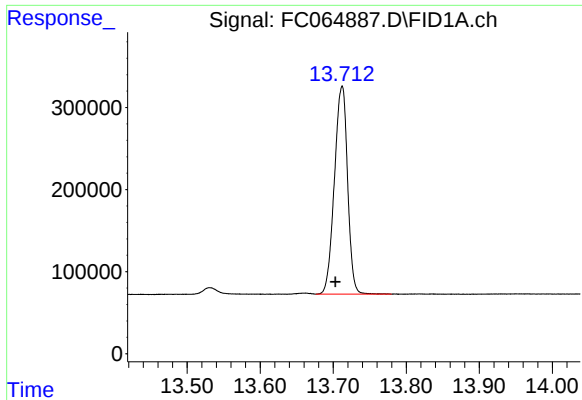
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.007 min
Response: 3228946
Conc: 19.07 ug/ml



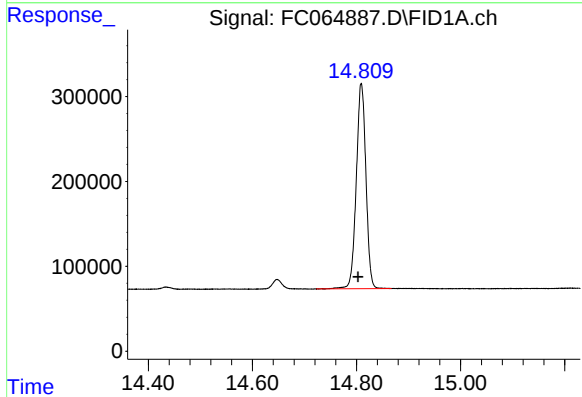
#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: 0.005 min
Response: 2907296
Conc: 19.39 ug/ml



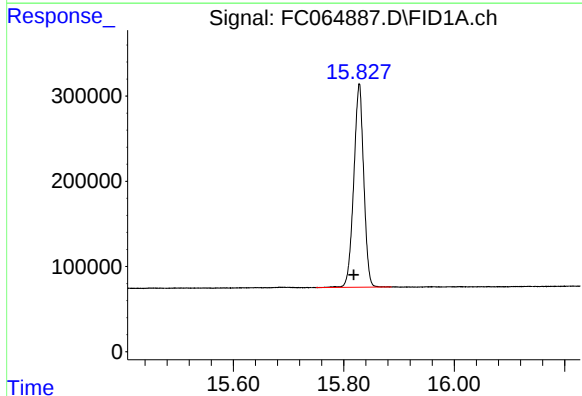
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: 0.009 min
Response: 3174000
Conc: 19.26 ug/ml



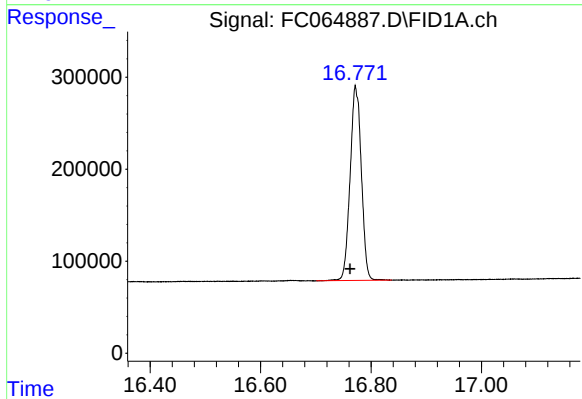
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: 0.006 min
Response: 3110553
Conc: 19.54 ug/ml



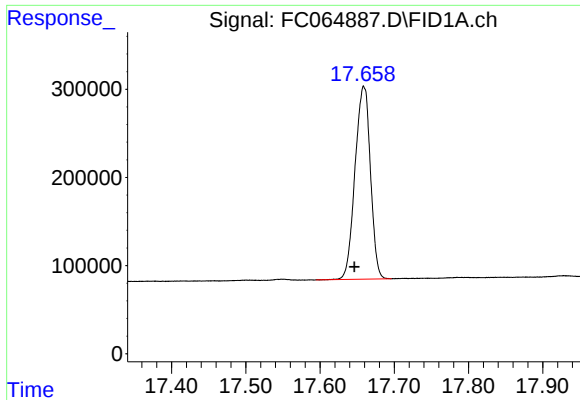
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: 0.010 min
Response: 2987106
Conc: 19.50 ug/ml



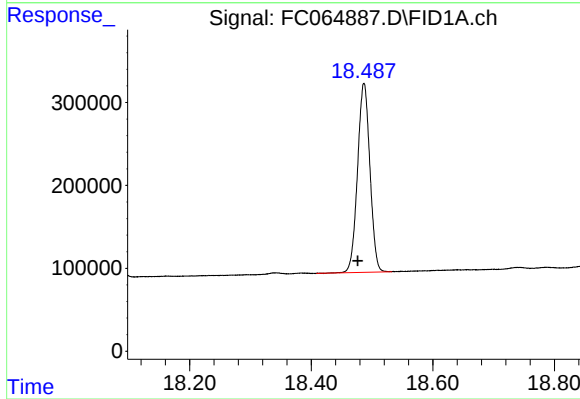
#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: 0.010 min
Response: 2982913
Conc: 20.24 ug/ml



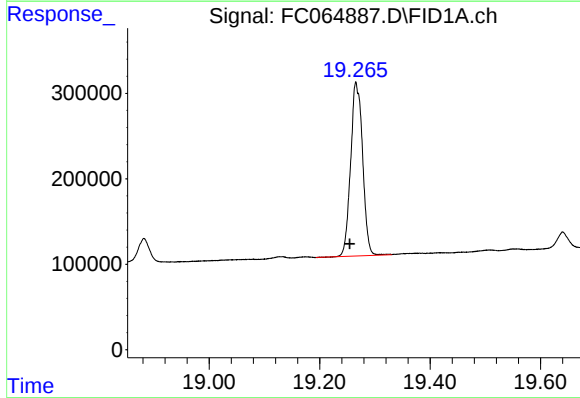
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.013 min
Response: 3150437
Conc: 21.53 ug/ml



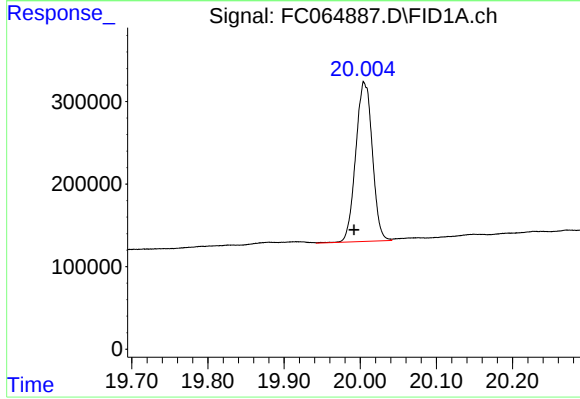
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.010 min
Response: 3221437
Conc: 22.31 ug/ml



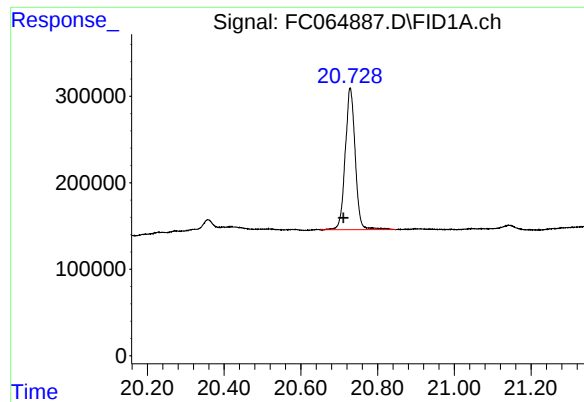
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.011 min
Response: 3064762
Conc: 21.78 ug/ml



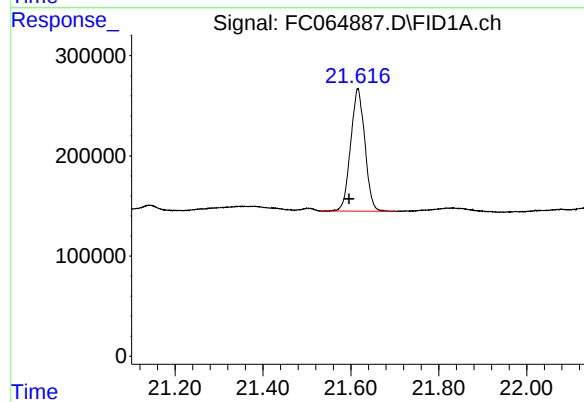
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.013 min
Response: 2924121
Conc: 21.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: 0.017 min
Response: 2955963
Conc: 22.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: 0.020 min
Response: 2745094
Conc: 21.93 ug/ml