

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120624AL\
 Data File : FC067927.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 14:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 01:04:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 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)	11.471	3625177	18.698 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	12.911	2665503	18.362 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T n-Nonane (C9)	3.254	3284689	20.137 ug/ml
2) T n-Decane (C10)	4.315	3369532	20.319 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3699705	20.200 ug/ml
4) T n-Dodecane (C12)	6.330	3437810	20.411 ug/ml
5) T A~2-methylnaphthalene...	6.946	3582280	20.199 ug/ml
6) T n-Tetradecane (C14)	8.122	3400960	20.308 ug/ml
7) T n-Hexadecane (C16)	9.721	3451196	19.915 ug/ml
8) T n-Octadecane (C18)	11.161	3407747	19.369 ug/ml
10) T n-Eicosane (C20)	12.469	3168568	18.817 ug/ml
11) T n-Heneicosane (C21)	13.080	3066292	18.636 ug/ml
13) T n-Docosane (C22)	13.665	2996719	18.401 ug/ml
14) T n-Tetracosane (C24)	14.766	2893126	18.039 ug/ml
15) T n-Hexacosane (C26)	15.787	2788193	18.004 ug/ml
16) T n-Octacosane (C28)	16.735	2723473	18.033 ug/ml
17) T n-Tricontane (C30)	17.621	2758357	18.016 ug/ml
18) T n-Dotriacontane (C32)	18.451	2659363	18.006 ug/ml
19) T n-Tetratriacontane (C34)	19.235	2331109	18.482 ug/ml
20) T n-Hexatriacontane (C36)	19.972	2017005	19.285 ug/ml
21) T n-Octatriacontane (C38)	20.693	1894838	19.398 ug/ml
22) T n-Tetracontane (C40)	21.571	1833079	18.807 ug/ml

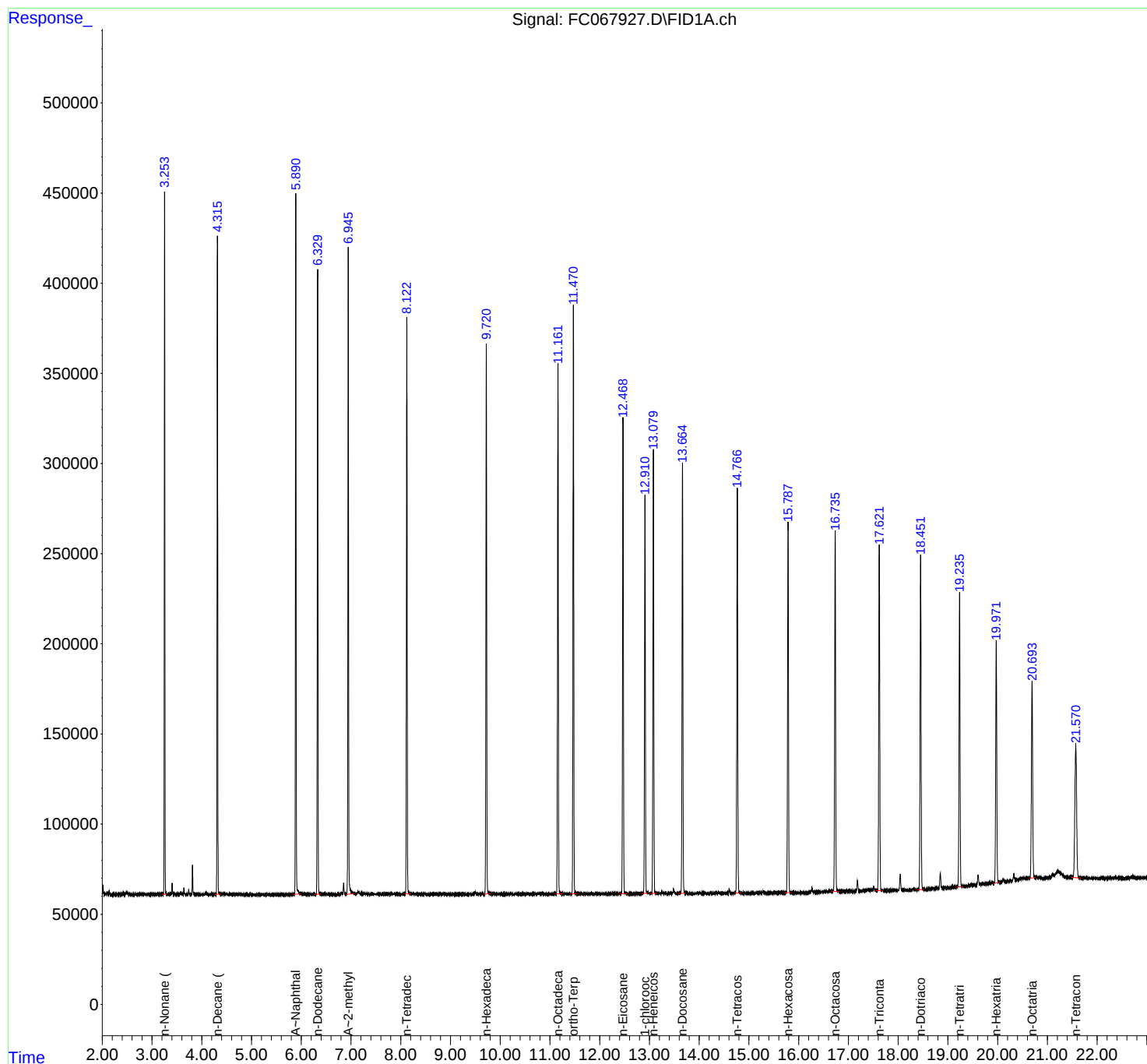
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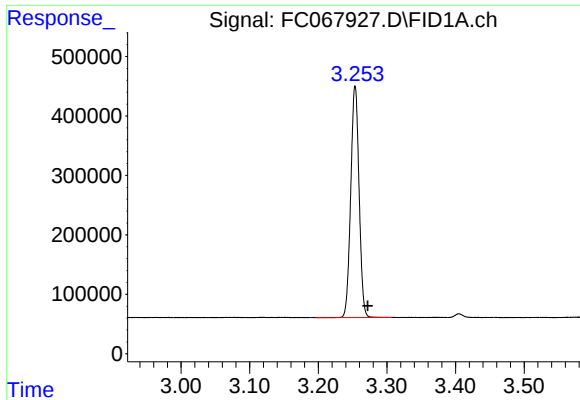
(m)=manual int.

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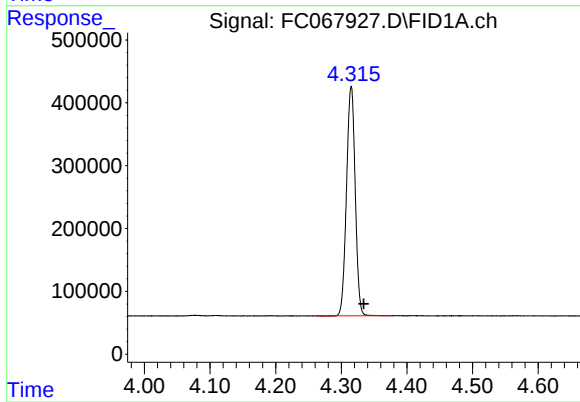
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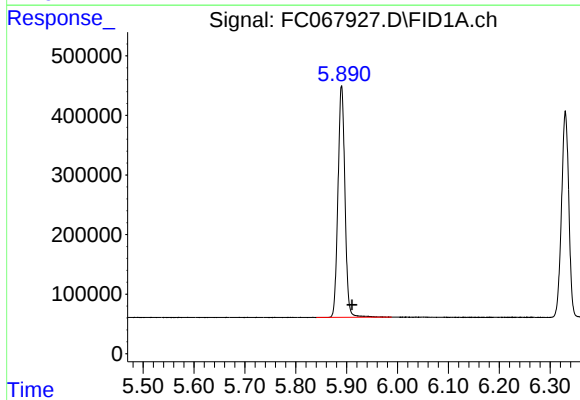
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.018 min
Response: 3284689
Conc: 20.14 ug/ml



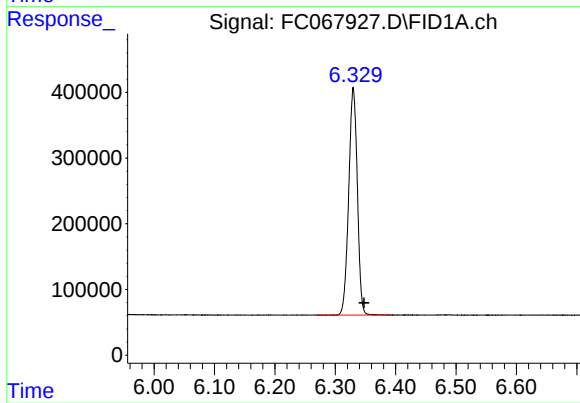
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.019 min
Response: 3369532
Conc: 20.32 ug/ml



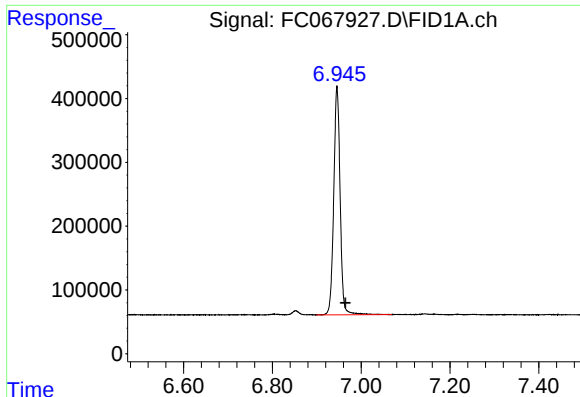
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.021 min
Response: 3699705
Conc: 20.20 ug/ml



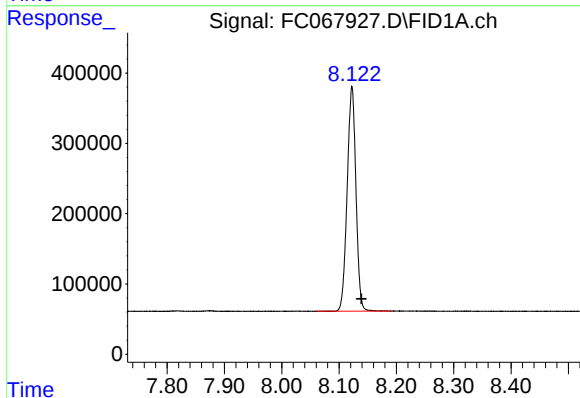
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.018 min
Response: 3437810
Conc: 20.41 ug/ml



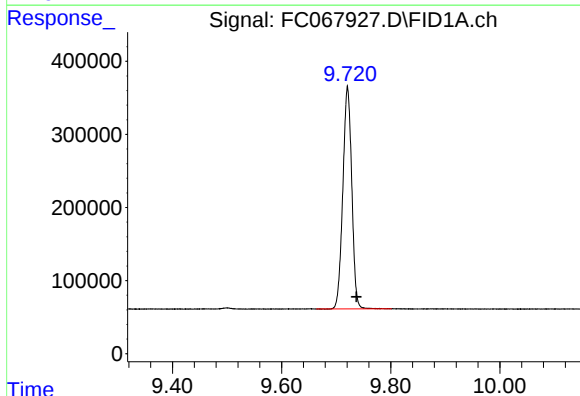
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.019 min
Response: 3582280
Conc: 20.20 ug/ml



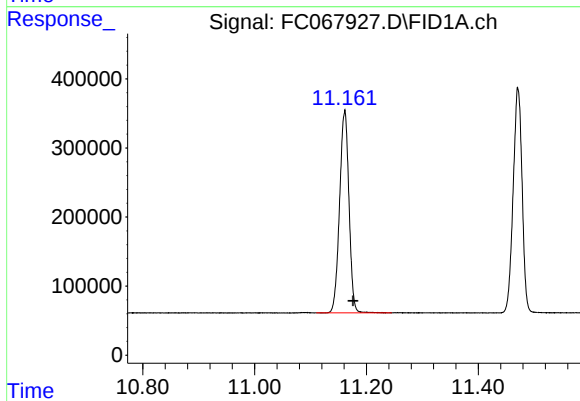
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.017 min
Response: 3400960
Conc: 20.31 ug/ml



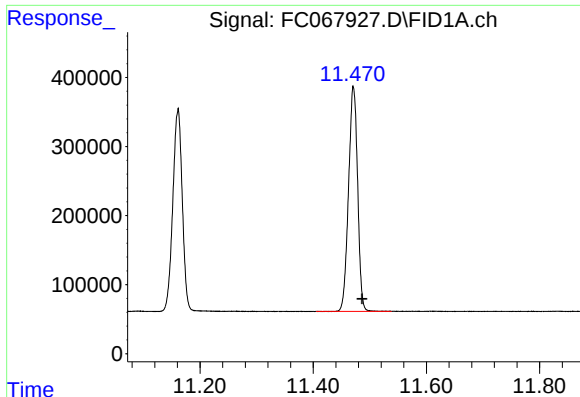
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.016 min
Response: 3451196
Conc: 19.91 ug/ml



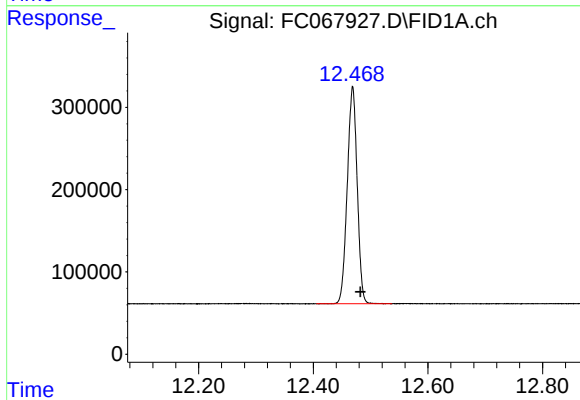
#8 n-Octadecane (C18)

R.T.: 11.161 min
Delta R.T.: -0.015 min
Response: 3407747
Conc: 19.37 ug/ml



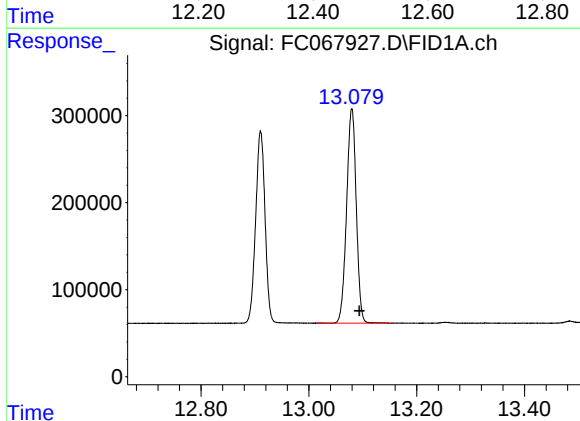
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.015 min
Response: 3625177
Conc: 18.70 ug/ml



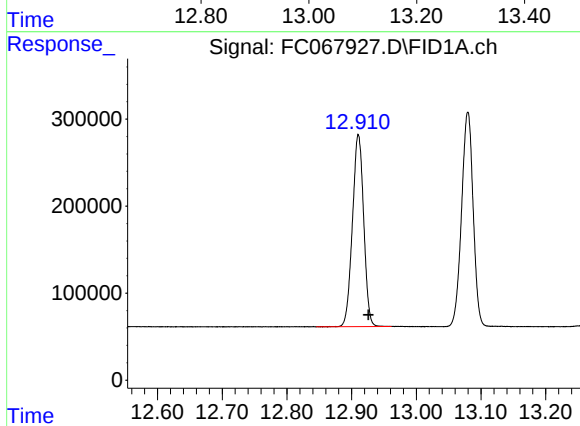
#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: -0.014 min
Response: 3168568
Conc: 18.82 ug/ml



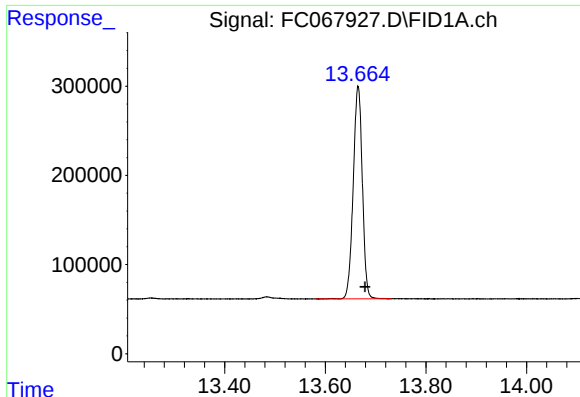
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: -0.014 min
Response: 3066292
Conc: 18.64 ug/ml



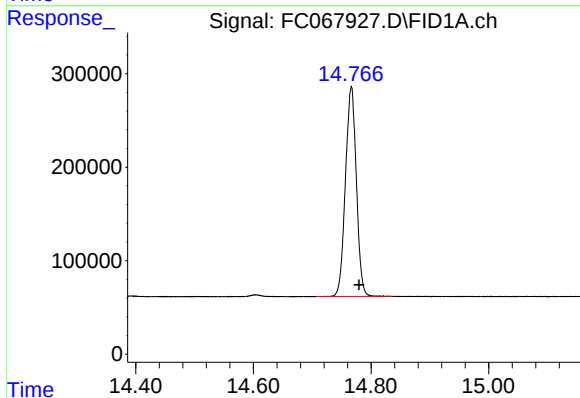
#12 1-chlorooctadecane (SURR)

R.T.: 12.911 min
Delta R.T.: -0.015 min
Response: 2665503
Conc: 18.36 ug/ml



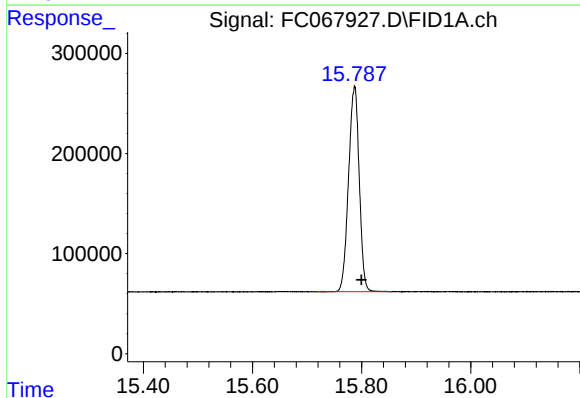
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.013 min
Response: 2996719
Conc: 18.40 ug/ml



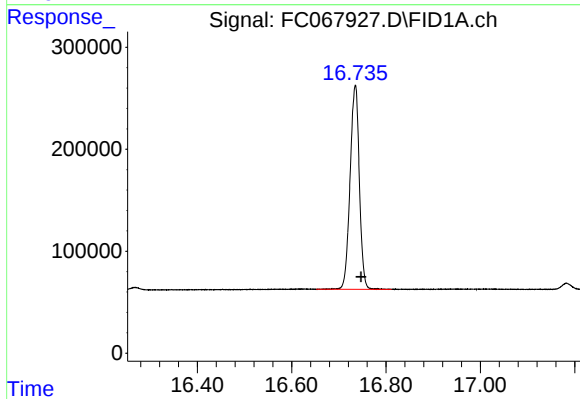
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 2893126
Conc: 18.04 ug/ml



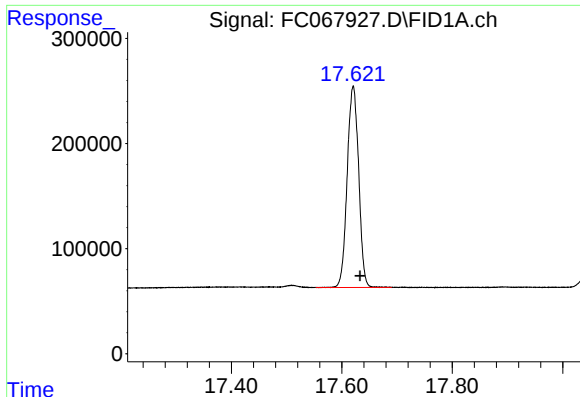
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: -0.013 min
Response: 2788193
Conc: 18.00 ug/ml



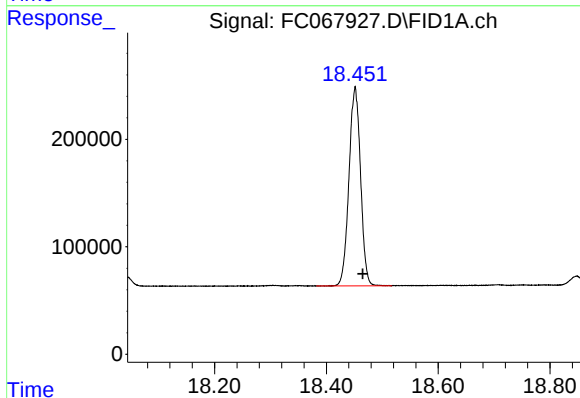
#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: -0.012 min
Response: 2723473
Conc: 18.03 ug/ml



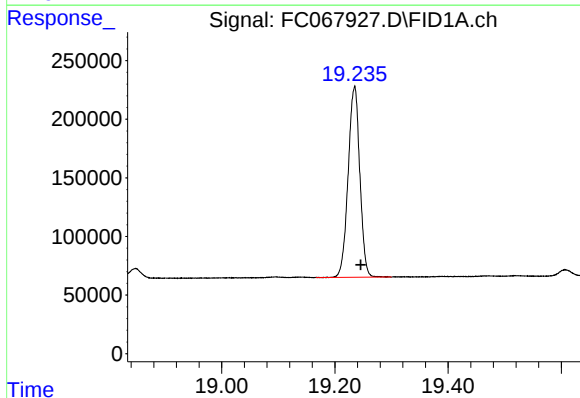
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: -0.013 min
Response: 2758357
Conc: 18.02 ug/ml



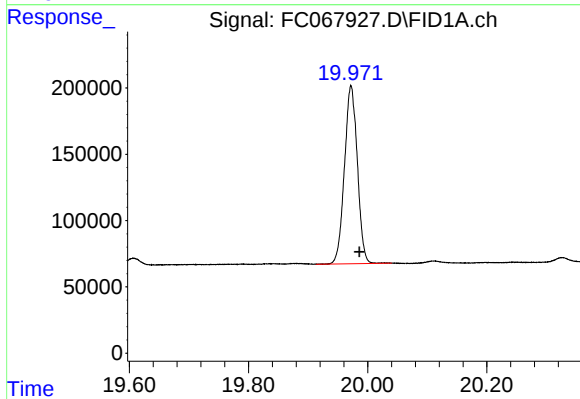
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: -0.014 min
Response: 2659363
Conc: 18.01 ug/ml



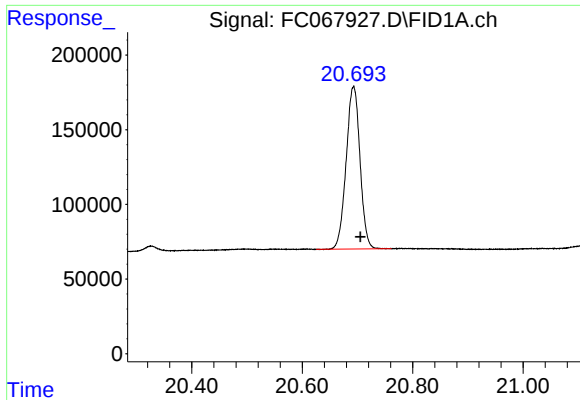
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.011 min
Response: 2331109
Conc: 18.48 ug/ml



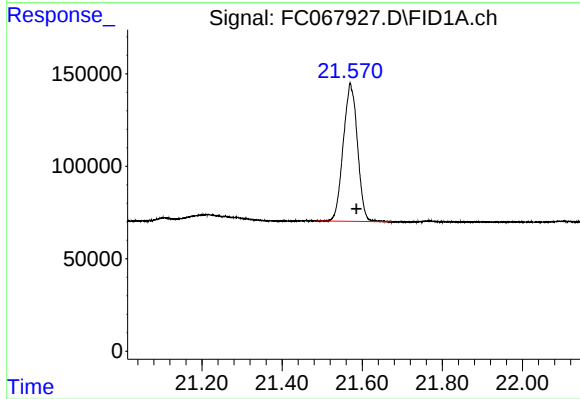
#20 n-Hexatriacontane (C36)

R.T.: 19.972 min
Delta R.T.: -0.014 min
Response: 2017005
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: -0.013 min
Response: 1894838
Conc: 19.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.015 min
Response: 1833079
Conc: 18.81 ug/ml