

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040824AL\
 Data File : FC066180.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2024 10:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 01:20:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040124.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 13:05:22 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)	11.468	3856280	18.256 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	12.896	2776366	17.709 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.269	3413274	19.028 ug/ml
2) T n-Decane (C10)	4.330	3499524	18.818 ug/ml
3) T A~Naphthalene (C11.7)	5.918	3487725	18.276 ug/ml
4) T n-Dodecane (C12)	6.340	3511918	18.448 ug/ml
5) T A~2-methylnaphthalene...	6.975	3154301	17.812 ug/ml
6) T n-Tetradecane (C14)	8.128	3392037	18.184 ug/ml
7) T n-Hexadecane (C16)	9.720	3425775	17.828 ug/ml
8) T n-Octadecane (C18)	11.153	3482560	17.877 ug/ml
10) T n-Eicosane (C20)	12.453	3404423	18.013 ug/ml
11) T n-Heneicosane (C21)	13.061	3370338	18.008 ug/ml
13) T n-Docosane (C22)	13.643	3362316	17.755 ug/ml
14) T n-Tetracosane (C24)	14.738	3404048	17.537 ug/ml
15) T n-Hexacosane (C26)	15.750	3401081	17.612 ug/ml
16) T n-Octacosane (C28)	16.694	3393180	17.465 ug/ml
17) T n-Tricontane (C30)	17.575	3478196	17.568 ug/ml
18) T n-Dotriacontane (C32)	18.402	3448076	17.831 ug/ml
19) T n-Tetratriacontane (C34)	19.180	3366850	18.366 ug/ml
20) T n-Hexatriacontane (C36)	19.915	3222735	18.334 ug/ml
21) T n-Octatriacontane (C38)	20.625	3141414	18.207 ug/ml
22) T n-Tetracontane (C40)	21.480	2973142	17.658 ug/ml

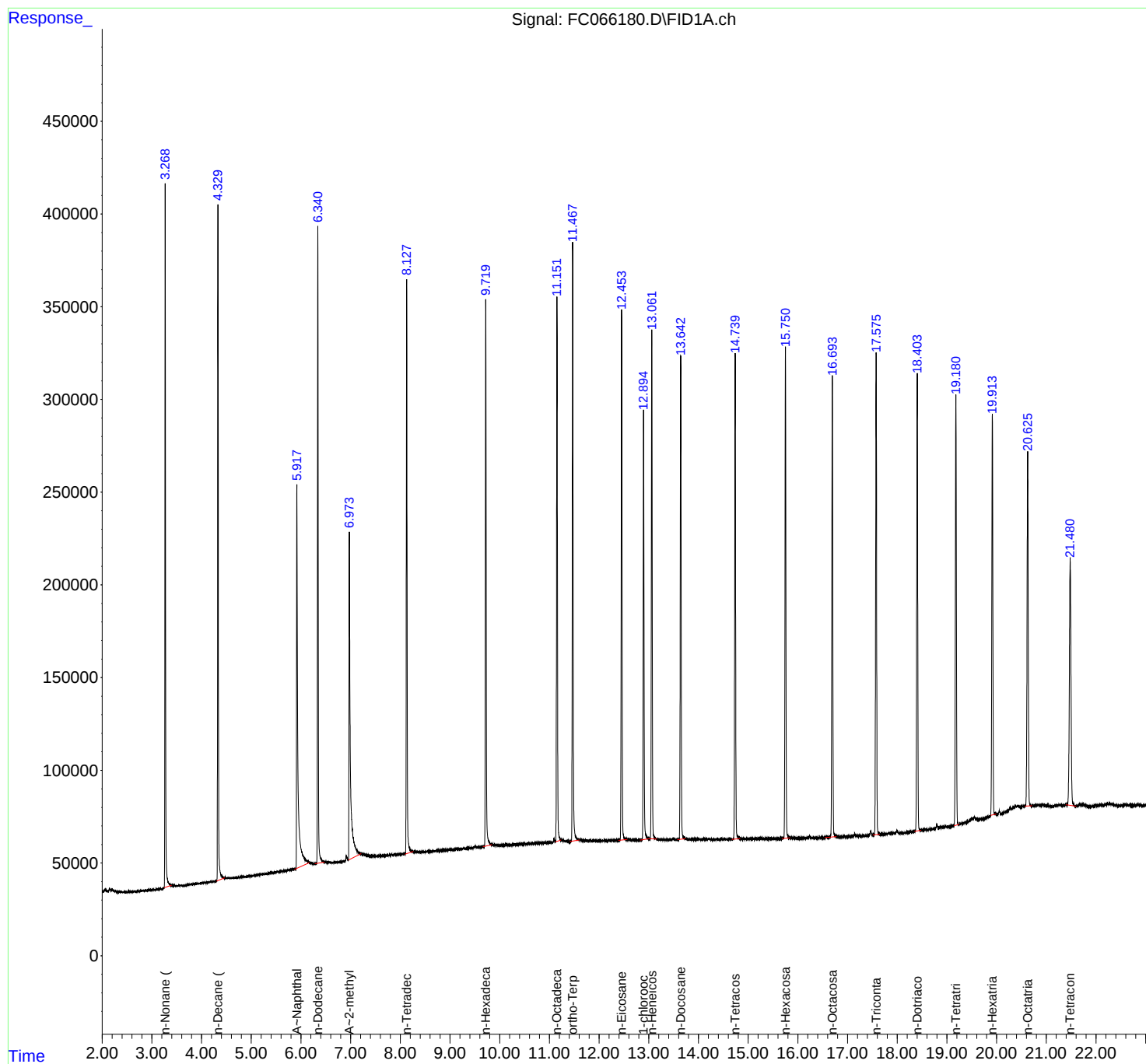
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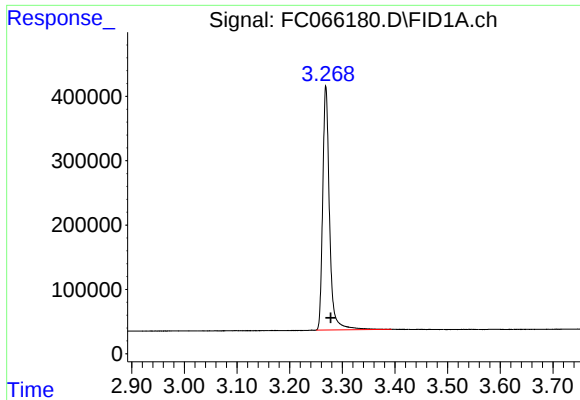
(m)=manual int.

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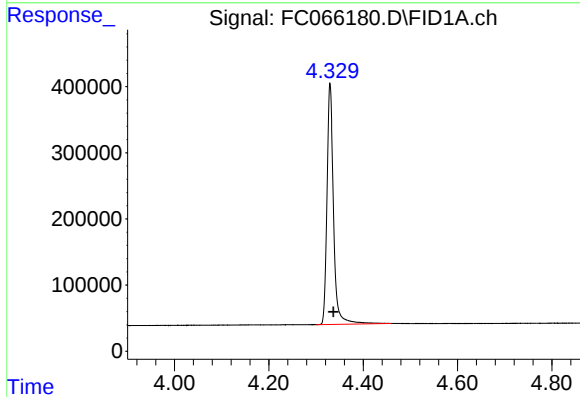
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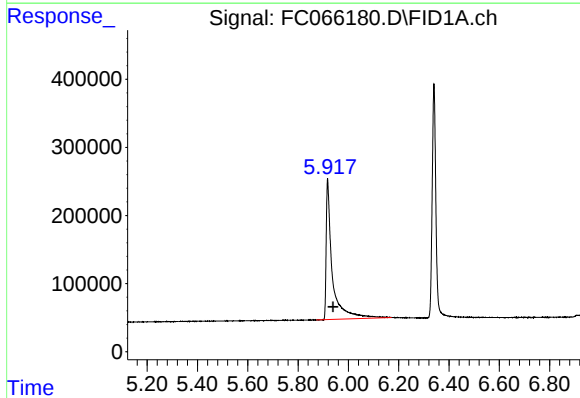
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.009 min
Response: 3413274
Conc: 19.03 ug/ml



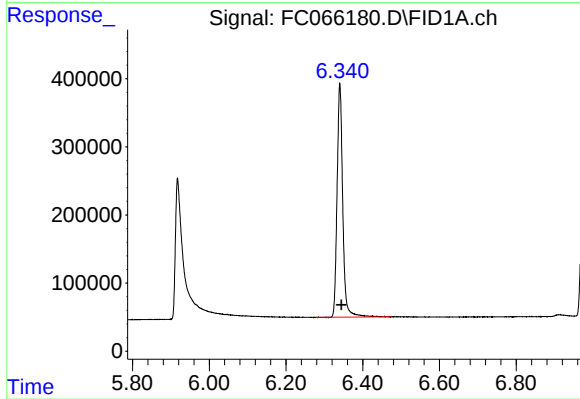
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: -0.007 min
Response: 3499524
Conc: 18.82 ug/ml



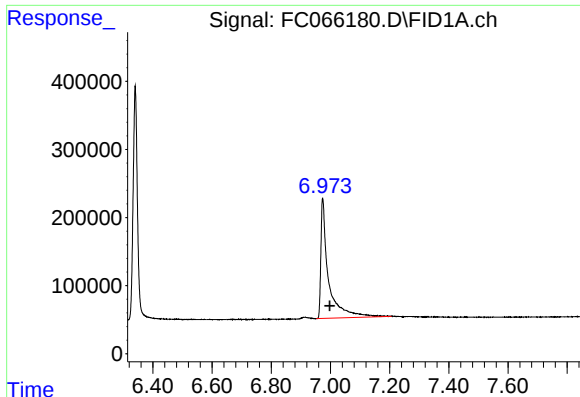
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.021 min
Response: 3487725
Conc: 18.28 ug/ml



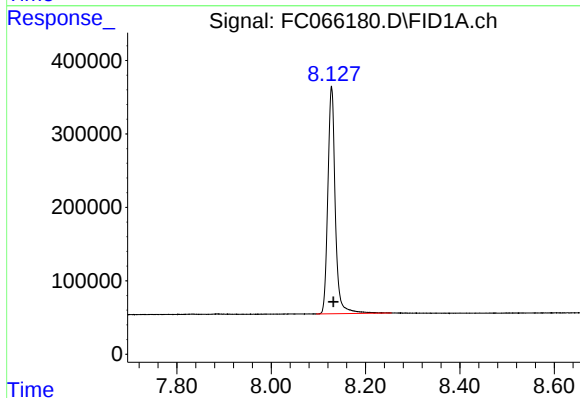
#4 n-Dodecane (C12)

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 3511918
Conc: 18.45 ug/ml



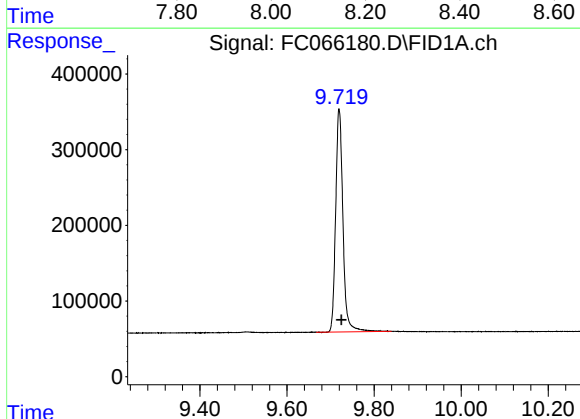
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.023 min
Response: 3154301
Conc: 17.81 ug/ml



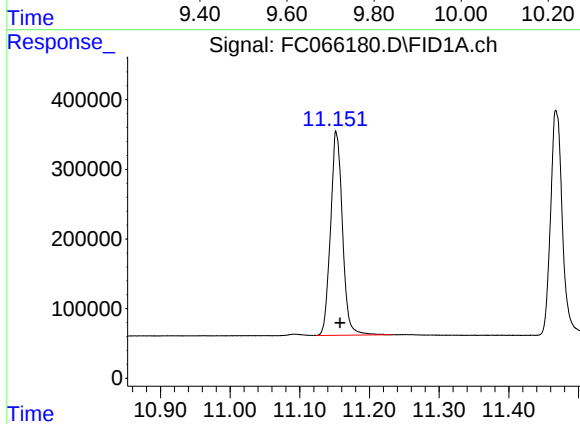
#6 n-Tetradecane (C14)

R.T.: 8.128 min
Delta R.T.: -0.004 min
Response: 3392037
Conc: 18.18 ug/ml



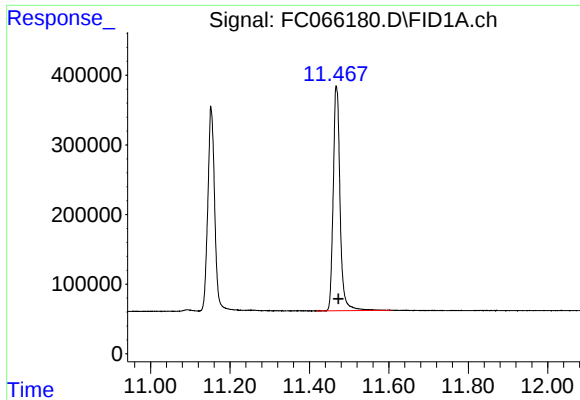
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: -0.005 min
Response: 3425775
Conc: 17.83 ug/ml



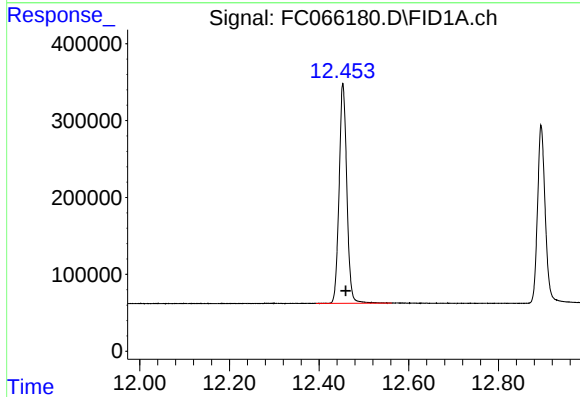
#8 n-Octadecane (C18)

R.T.: 11.153 min
Delta R.T.: -0.005 min
Response: 3482560
Conc: 17.88 ug/ml



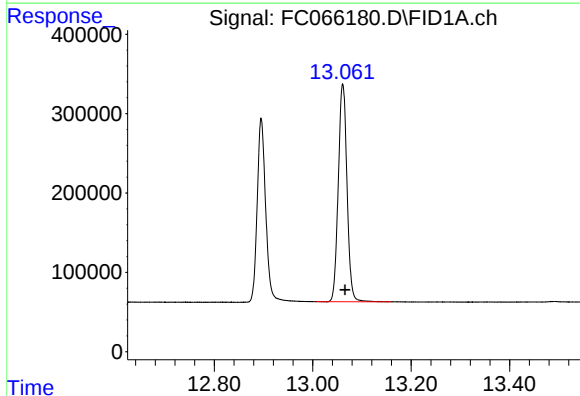
#9 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.005 min
Response: 3856280
Conc: 18.26 ug/ml



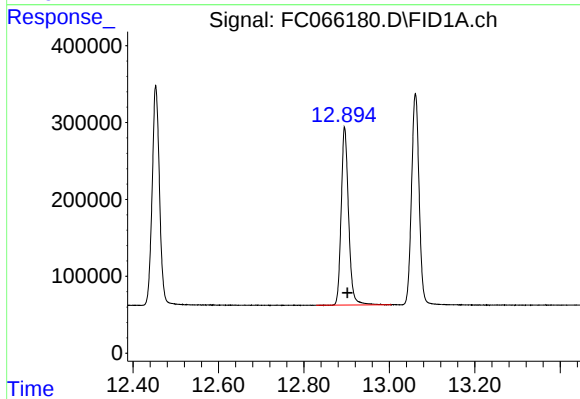
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: -0.006 min
Response: 3404423
Conc: 18.01 ug/ml



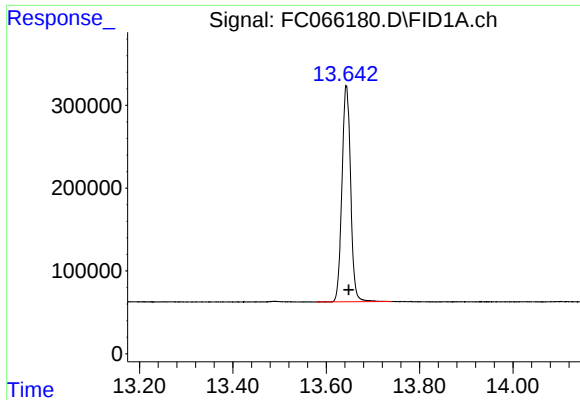
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: -0.005 min
Response: 3370338
Conc: 18.01 ug/ml



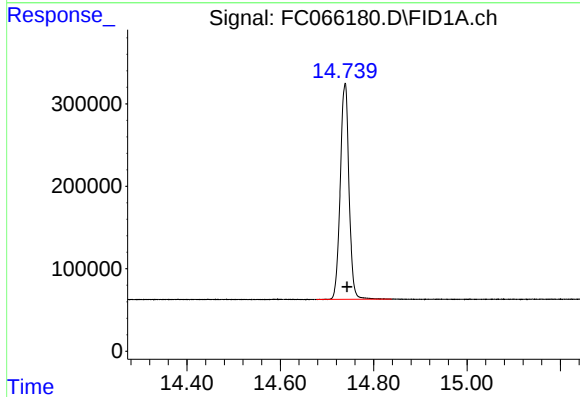
#12 1-chlorooctadecane (SURR)

R.T.: 12.896 min
Delta R.T.: -0.006 min
Response: 2776366
Conc: 17.71 ug/ml



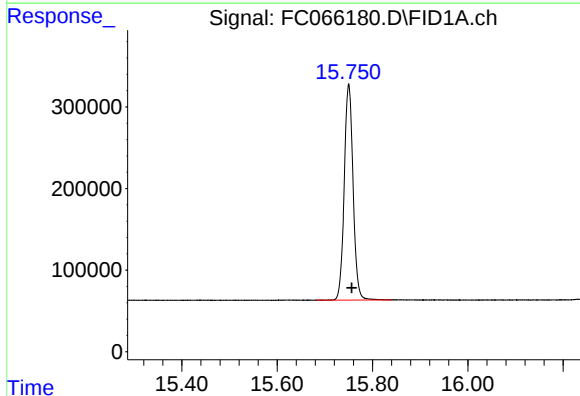
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: -0.005 min
Response: 3362316
Conc: 17.75 ug/ml



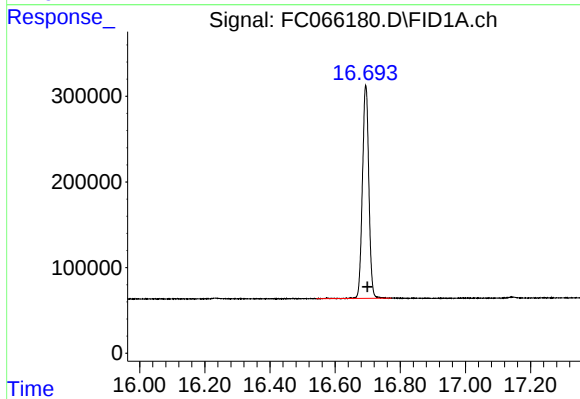
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.005 min
Response: 3404048
Conc: 17.54 ug/ml



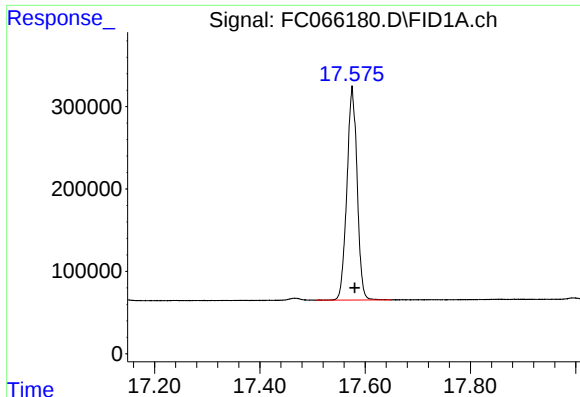
#15 n-Hexacosane (C26)

R.T.: 15.750 min
Delta R.T.: -0.006 min
Response: 3401081
Conc: 17.61 ug/ml



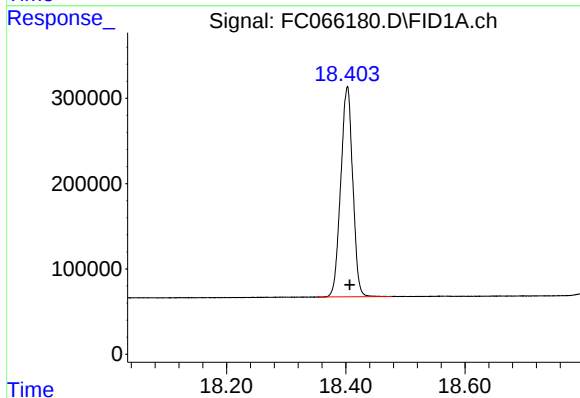
#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.005 min
Response: 3393180
Conc: 17.46 ug/ml



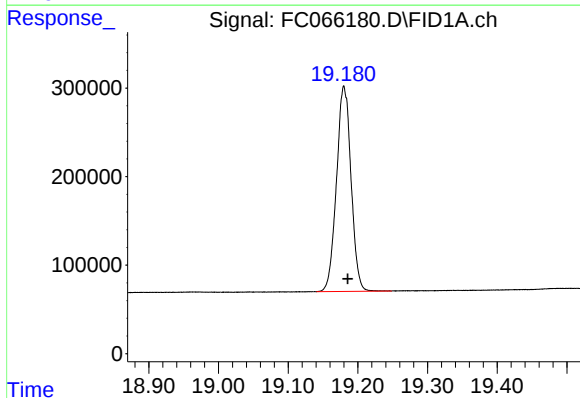
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: -0.005 min
Response: 3478196
Conc: 17.57 ug/ml



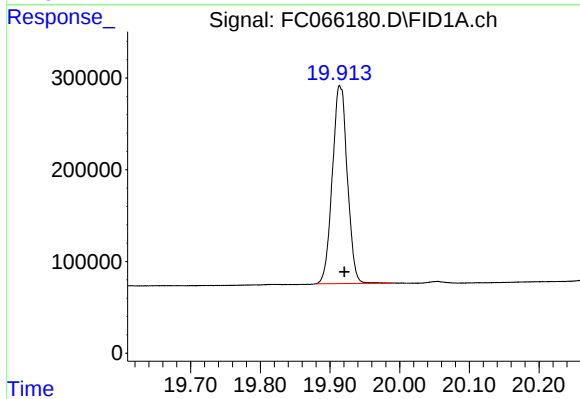
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.004 min
Response: 3448076
Conc: 17.83 ug/ml



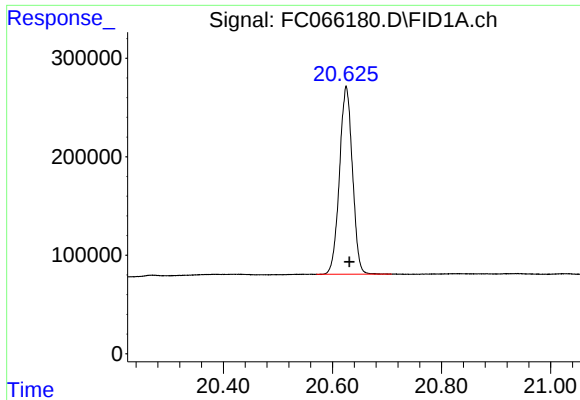
#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.005 min
Response: 3366850
Conc: 18.37 ug/ml



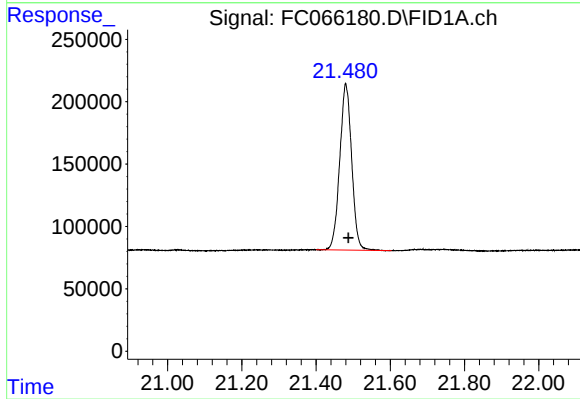
#20 n-Hexatriacontane (C36)

R.T.: 19.915 min
Delta R.T.: -0.006 min
Response: 3222735
Conc: 18.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.006 min
Response: 3141414
Conc: 18.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: -0.007 min
Response: 2973142
Conc: 17.66 ug/ml