

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040824AL\
 Data File : FC066186.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2024 14:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 01:21:41 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)	11.469	3943320	18.668 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	12.897	2882283	18.385 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	3.270	3490690	19.460 ug/ml
2) T n-Decane (C10)	4.331	3557920	19.132 ug/ml
3) T A~Naphthalene (C11.7)	5.920	3595357	18.840 ug/ml
4) T n-Dodecane (C12)	6.341	3594476	18.882 ug/ml
5) T A~2-methylnaphthalene...	6.976	3290944	18.584 ug/ml
6) T n-Tetradecane (C14)	8.128	3460707	18.552 ug/ml
7) T n-Hexadecane (C16)	9.721	3508489	18.259 ug/ml
8) T n-Octadecane (C18)	11.154	3597880	18.469 ug/ml
10) T n-Eicosane (C20)	12.455	3479533	18.410 ug/ml
11) T n-Heneicosane (C21)	13.062	3460963	18.492 ug/ml
13) T n-Docosane (C22)	13.644	3453459	18.236 ug/ml
14) T n-Tetracosane (C24)	14.740	3484050	17.950 ug/ml
15) T n-Hexacosane (C26)	15.753	3486791	18.055 ug/ml
16) T n-Octacosane (C28)	16.696	3483678	17.930 ug/ml
17) T n-Tricontane (C30)	17.578	3560356	17.983 ug/ml
18) T n-Dotriacontane (C32)	18.404	3521080	18.209 ug/ml
19) T n-Tetratriacontane (C34)	19.182	3433170	18.728 ug/ml
20) T n-Hexatriacontane (C36)	19.917	3291806	18.727 ug/ml
21) T n-Octatriacontane (C38)	20.626	3209170	18.600 ug/ml
22) T n-Tetracontane (C40)	21.482	3045788	18.089 ug/ml

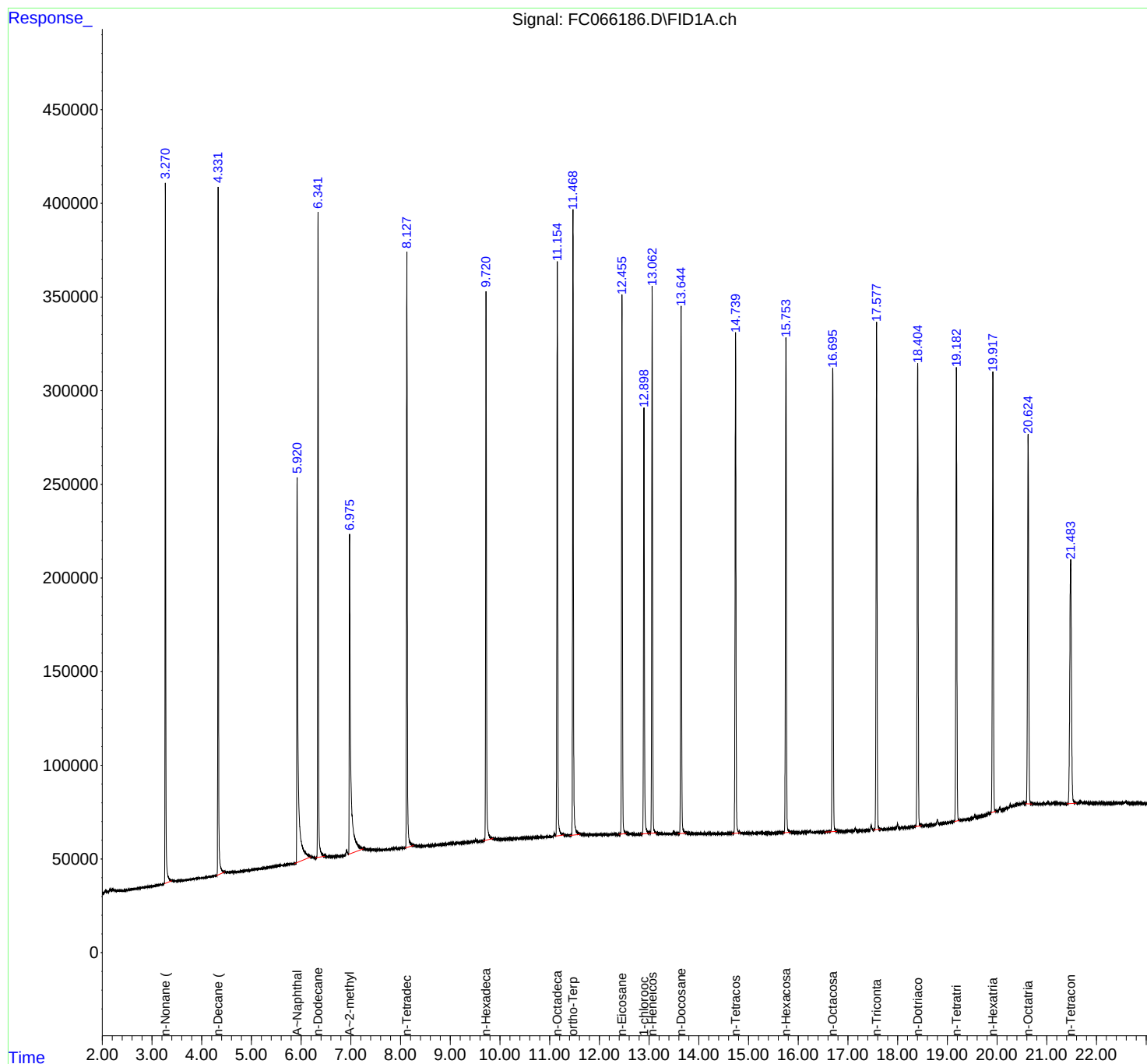
(f)=RT Delta > 1/2 Window

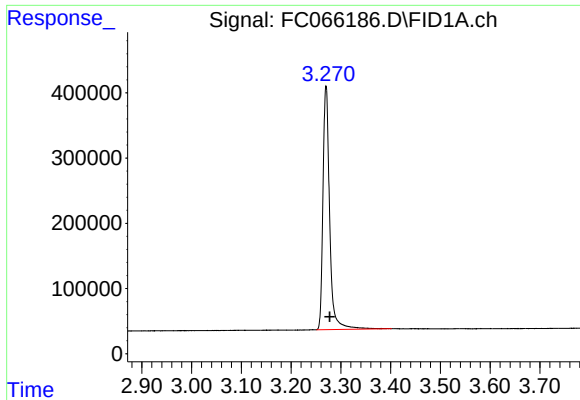
(m)=manual int.

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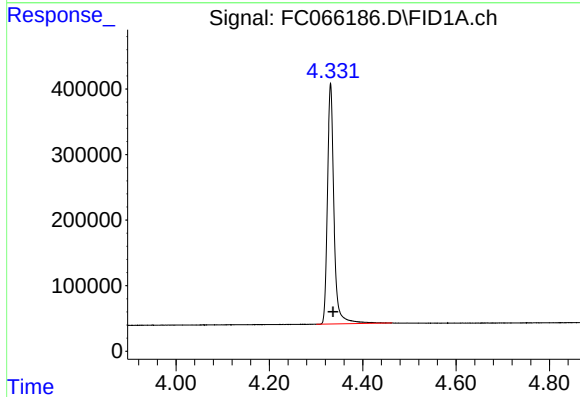
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





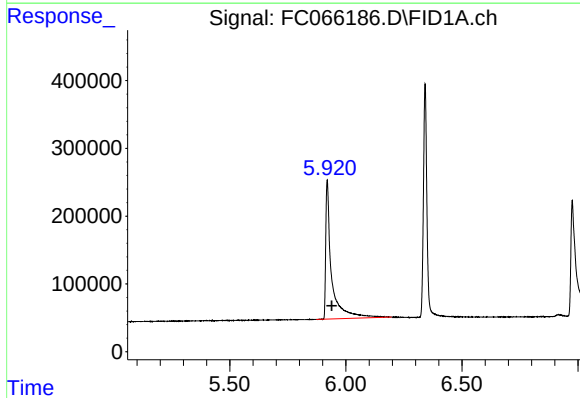
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.008 min
Response: 3490690
Conc: 19.46 ug/ml



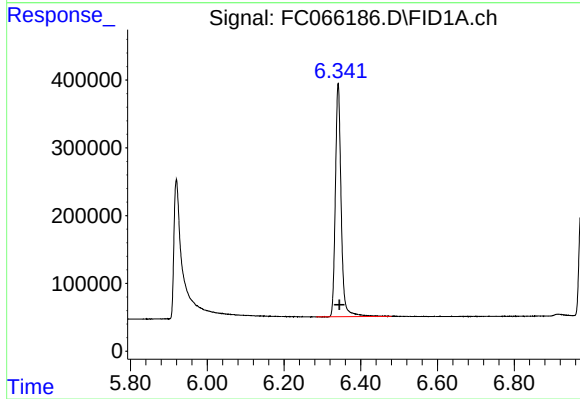
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: -0.006 min
Response: 3557920
Conc: 19.13 ug/ml



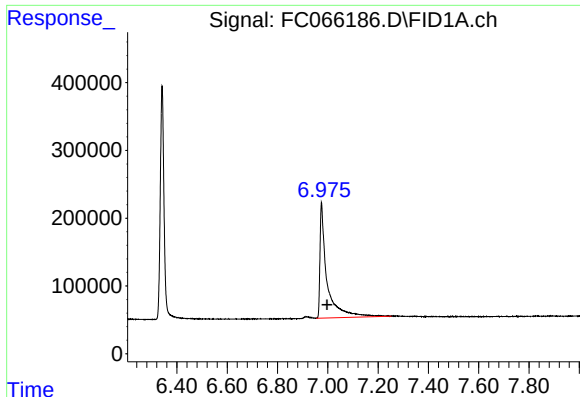
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.020 min
Response: 3595357
Conc: 18.84 ug/ml



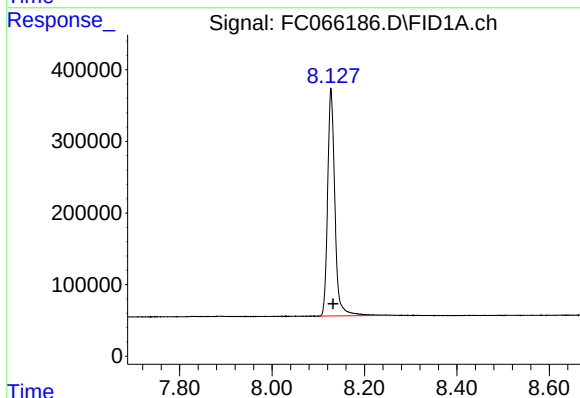
#4 n-Dodecane (C12)

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 3594476
Conc: 18.88 ug/ml



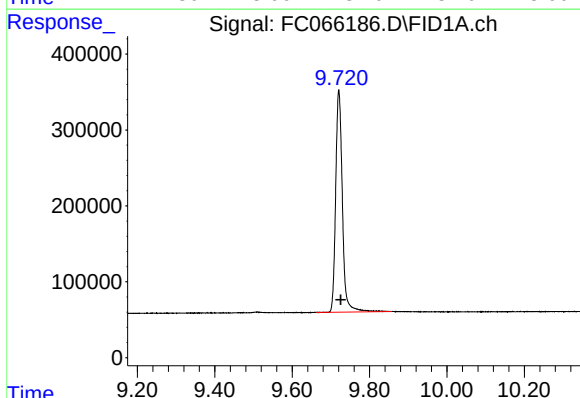
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.022 min
Response: 3290944
Conc: 18.58 ug/ml



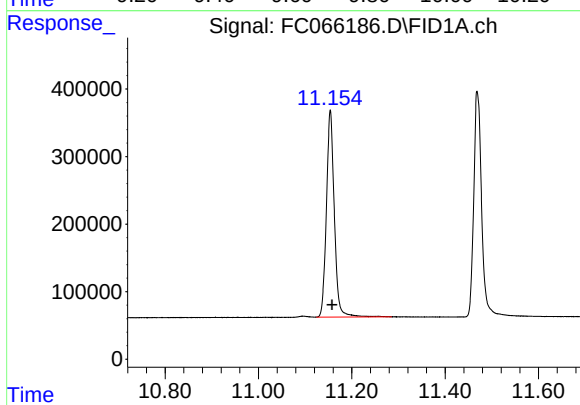
#6 n-Tetradecane (C14)

R.T.: 8.128 min
Delta R.T.: -0.004 min
Response: 3460707
Conc: 18.55 ug/ml



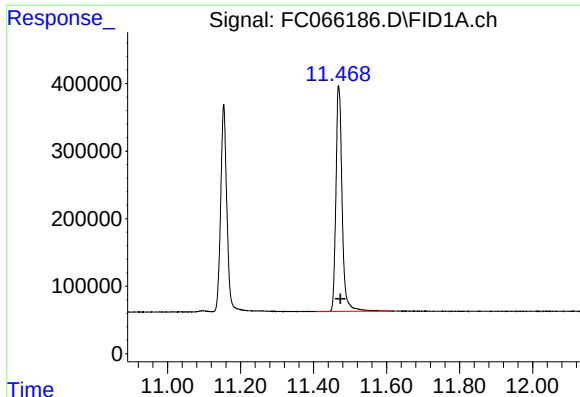
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.004 min
Response: 3508489
Conc: 18.26 ug/ml



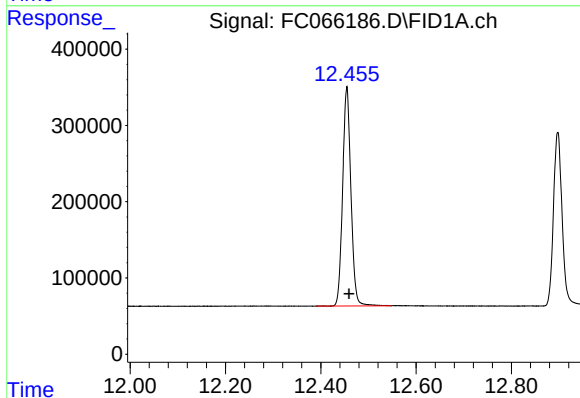
#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.004 min
Response: 3597880
Conc: 18.47 ug/ml



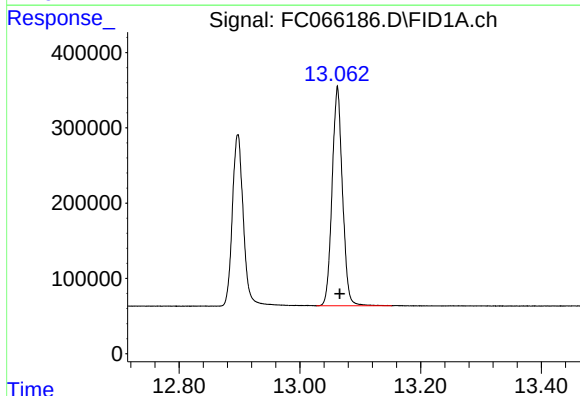
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.004 min
Response: 3943320
Conc: 18.67 ug/ml



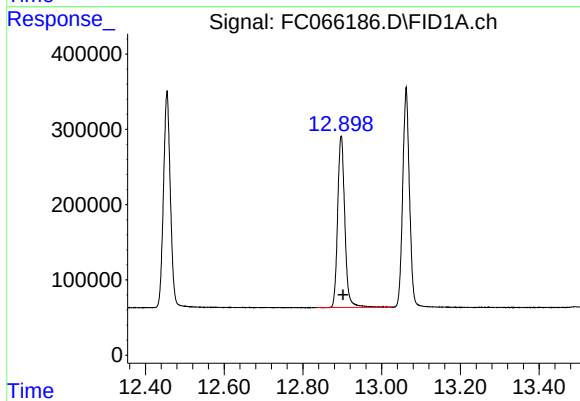
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.005 min
Response: 3479533
Conc: 18.41 ug/ml



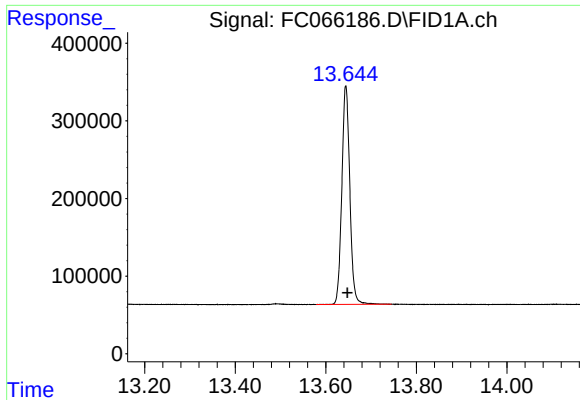
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.004 min
Response: 3460963
Conc: 18.49 ug/ml



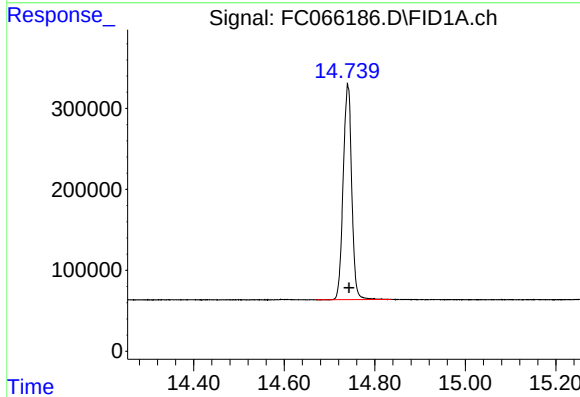
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.005 min
Response: 2882283
Conc: 18.38 ug/ml



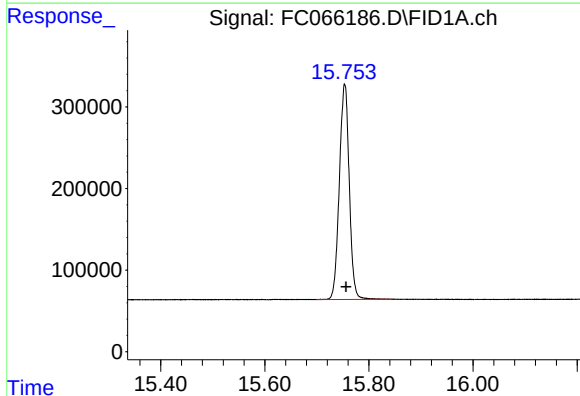
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.003 min
Response: 3453459
Conc: 18.24 ug/ml



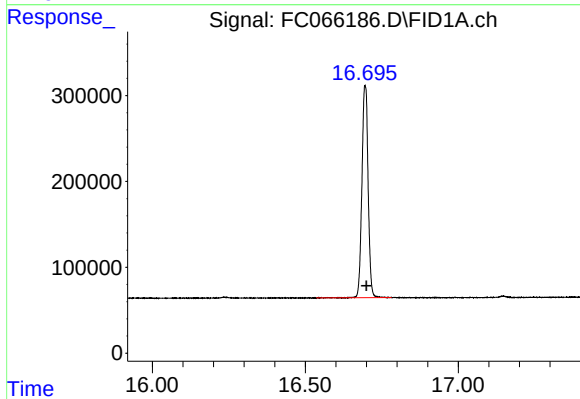
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.003 min
Response: 3484050
Conc: 17.95 ug/ml



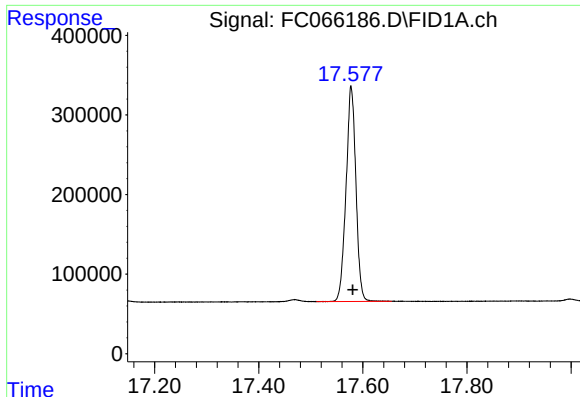
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.003 min
Response: 3486791
Conc: 18.06 ug/ml



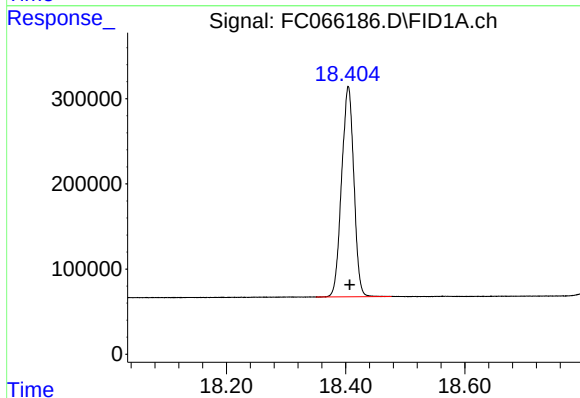
#16 n-Octacosane (C28)

R.T.: 16.696 min
Delta R.T.: -0.004 min
Response: 3483678
Conc: 17.93 ug/ml



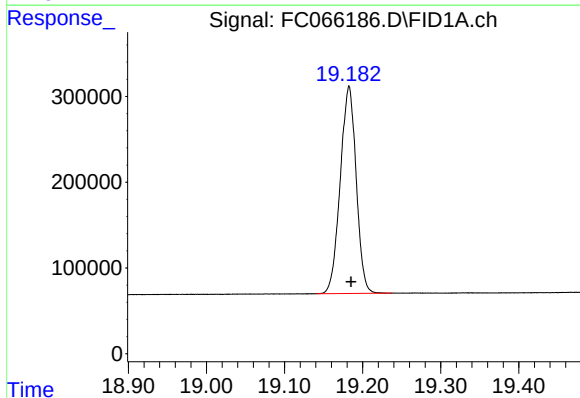
#17 n-Tricontane (C30)

R.T.: 17.578 min
Delta R.T.: -0.003 min
Response: 3560356
Conc: 17.98 ug/ml



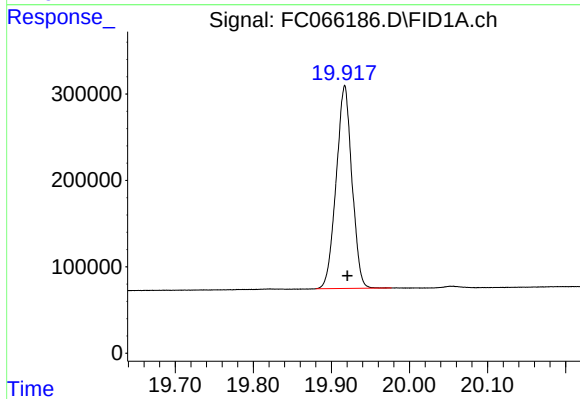
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.002 min
Response: 3521080
Conc: 18.21 ug/ml



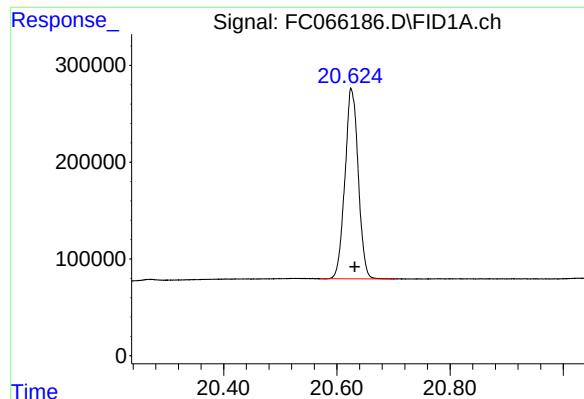
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.003 min
Response: 3433170
Conc: 18.73 ug/ml



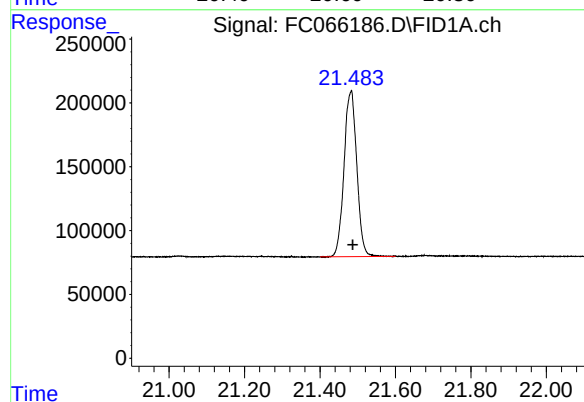
#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.004 min
Response: 3291806
Conc: 18.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.005 min
Response: 3209170
Conc: 18.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.005 min
Response: 3045788
Conc: 18.09 ug/ml