

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031824AL\
 Data File : FC066037.D
 Signal(s) : FID1A.ch
 Acq On : 18 Mar 2024 13:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 05:04:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.474	3746280	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	12.902	2752654	18.881 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T n-Nonane (C9)	3.281	3231906	19.344 ug/ml
2) T n-Decane (C10)	4.341	3328560	19.192 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3574700	19.920 ug/ml
4) T n-Dodecane (C12)	6.349	3387550	19.223 ug/ml
5) T A~2-methylnaphthalene...	6.987	3297446	19.358 ug/ml
6) T n-Tetradecane (C14)	8.135	3246691	18.670 ug/ml
7) T n-Hexadecane (C16)	9.727	3303746	18.493 ug/ml
8) T n-Octadecane (C18)	11.159	3358060	18.475 ug/ml
10) T n-Eicosane (C20)	12.459	3248594	18.604 ug/ml
11) T n-Heneicosane (C21)	13.067	3268499	18.852 ug/ml
13) T n-Docosane (C22)	13.648	3337499	19.406 ug/ml
14) T n-Tetracosane (C24)	14.743	3421404	20.032 ug/ml
15) T n-Hexacosane (C26)	15.757	3461660	20.558 ug/ml
16) T n-Octacosane (C28)	16.699	3546107	21.329 ug/ml
17) T n-Tricontane (C30)	17.580	3726537	21.826 ug/ml
18) T n-Dotriacontane (C32)	18.406	3661750	21.722 ug/ml
19) T n-Tetratriacontane (C34)	19.184	3523414	21.498 ug/ml
20) T n-Hexatriacontane (C36)	19.919	3244110	20.404 ug/ml
21) T n-Octatriacontane (C38)	20.629	3223624	20.580 ug/ml
22) T n-Tetracontane (C40)	21.485	3058498	19.341 ug/ml

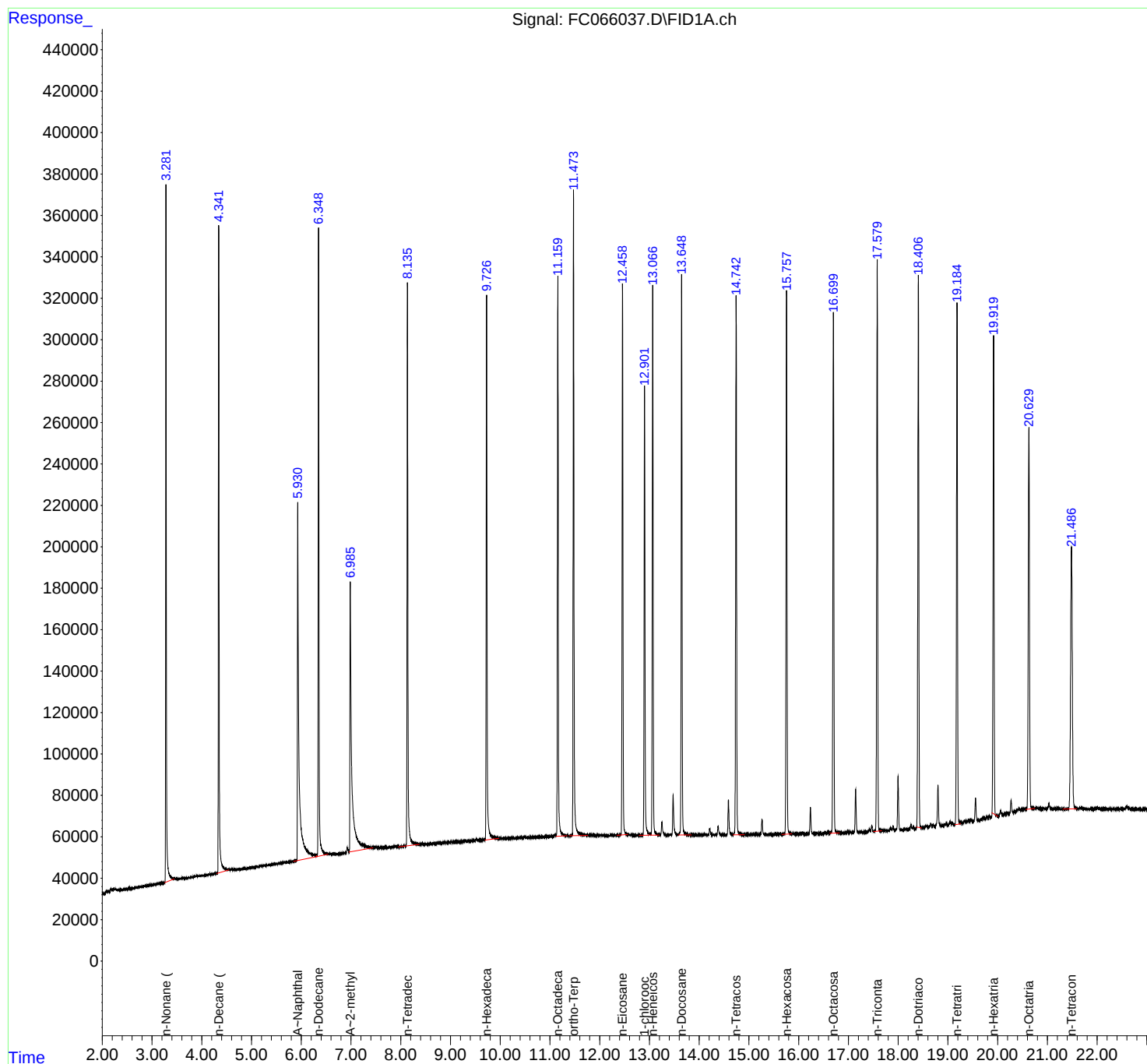
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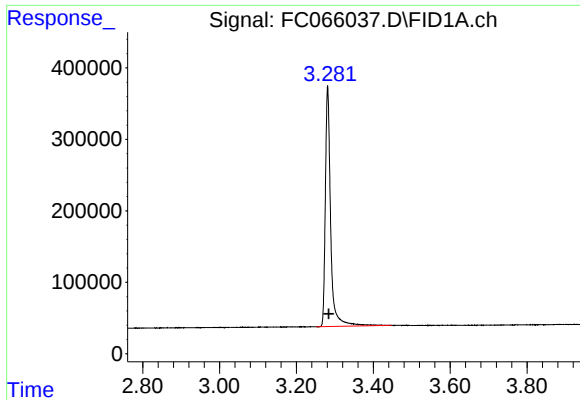
(m)=manual int.

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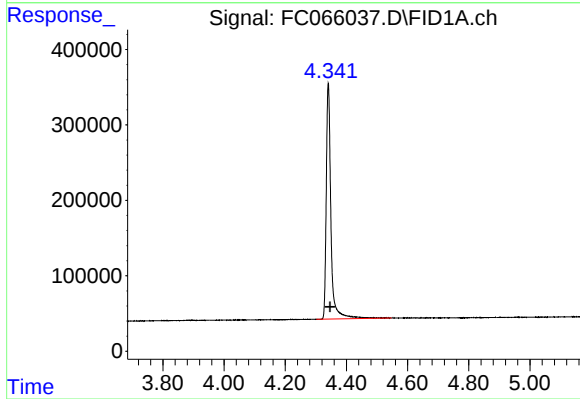
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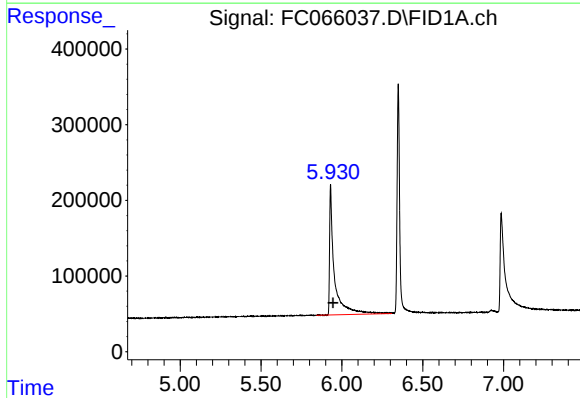
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.003 min
Response: 3231906
Conc: 19.34 ug/ml



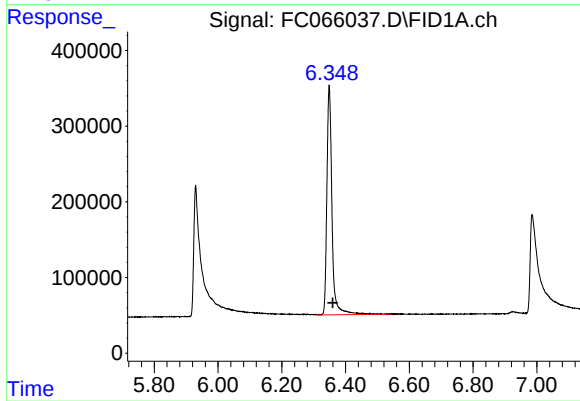
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.006 min
Response: 3328560
Conc: 19.19 ug/ml



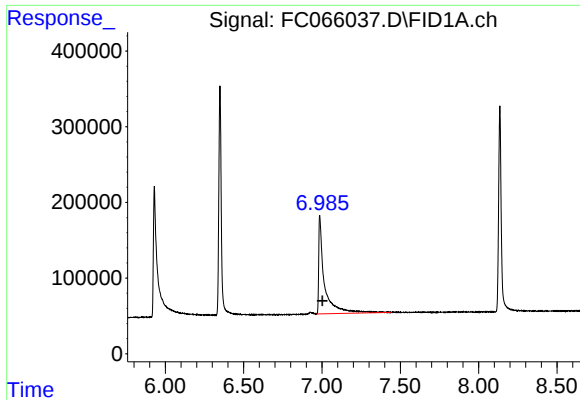
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.014 min
Response: 3574700
Conc: 19.92 ug/ml



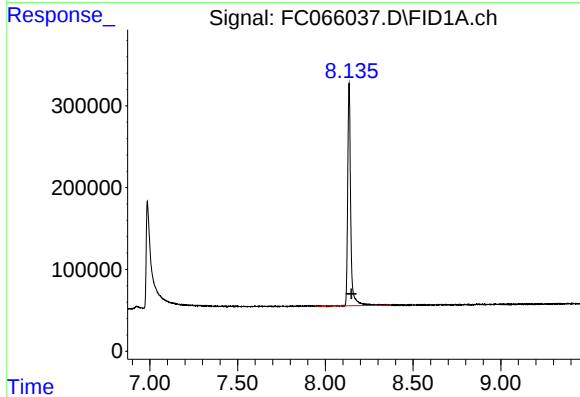
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.011 min
Response: 3387550
Conc: 19.22 ug/ml



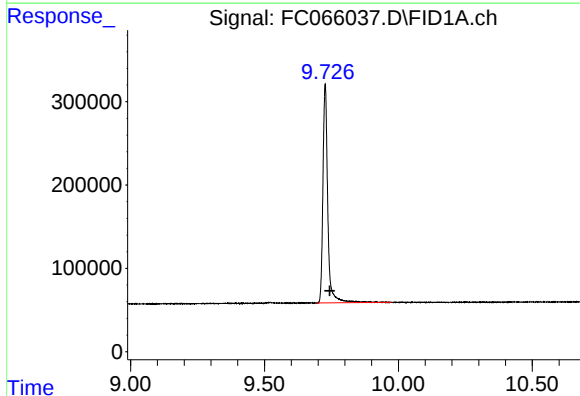
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.016 min
Response: 3297446
Conc: 19.36 ug/ml



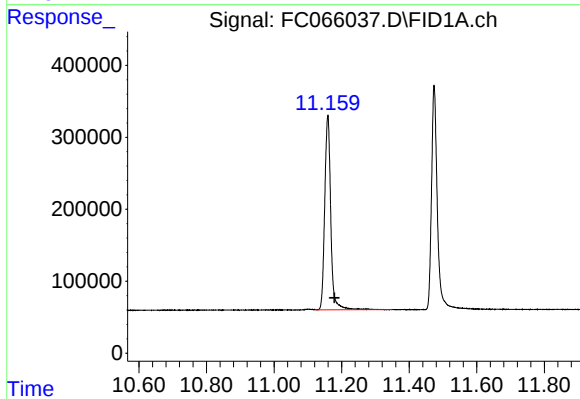
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: -0.014 min
Response: 3246691
Conc: 18.67 ug/ml



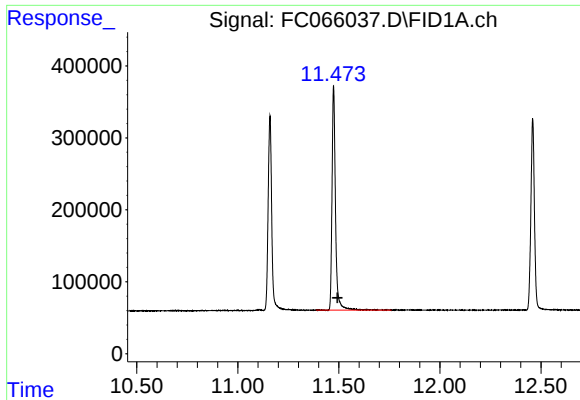
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.017 min
Response: 3303746
Conc: 18.49 ug/ml



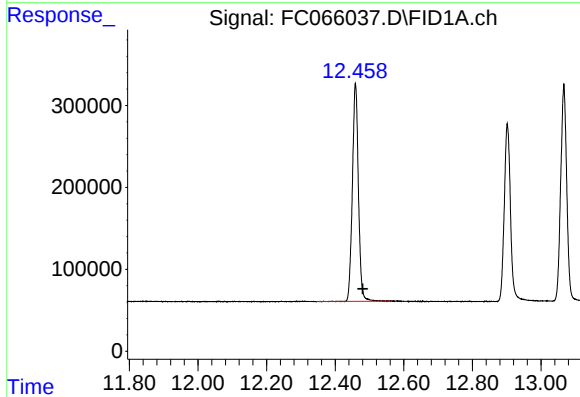
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 3358060
Conc: 18.47 ug/ml



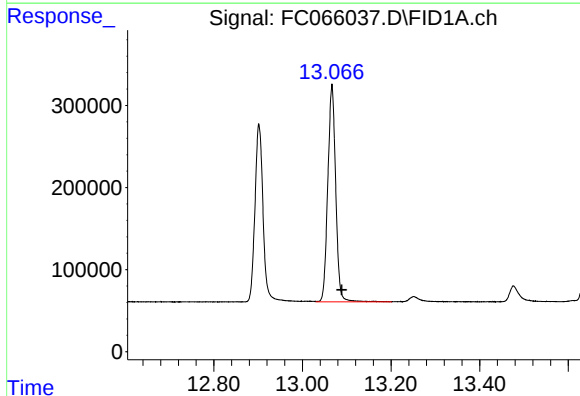
#9 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.019 min
Response: 3746280
Conc: 19.17 ug/ml



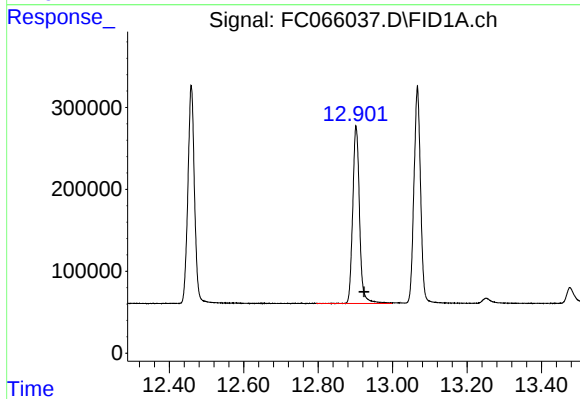
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 3248594
Conc: 18.60 ug/ml



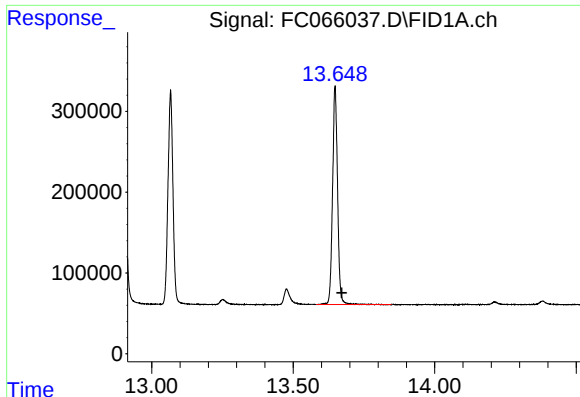
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 3268499
Conc: 18.85 ug/ml



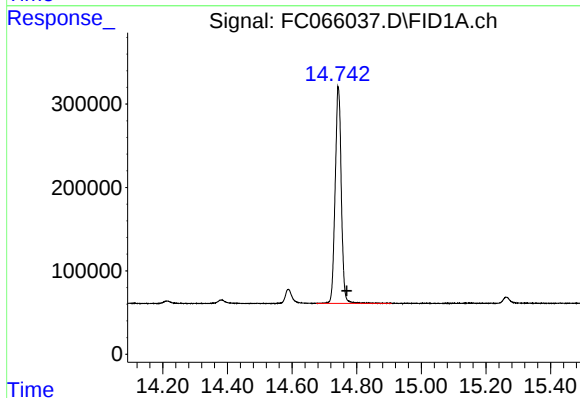
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: -0.022 min
Response: 2752654
Conc: 18.88 ug/ml



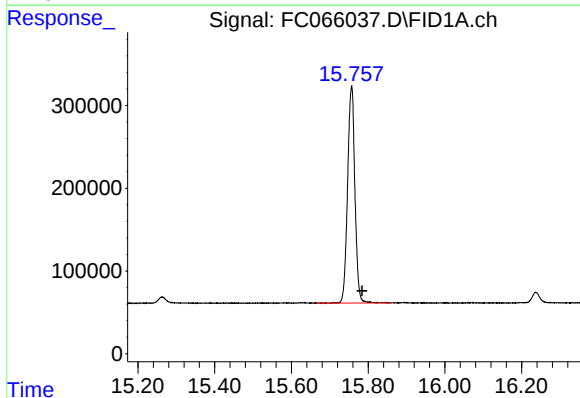
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.024 min
Response: 3337499
Conc: 19.41 ug/ml



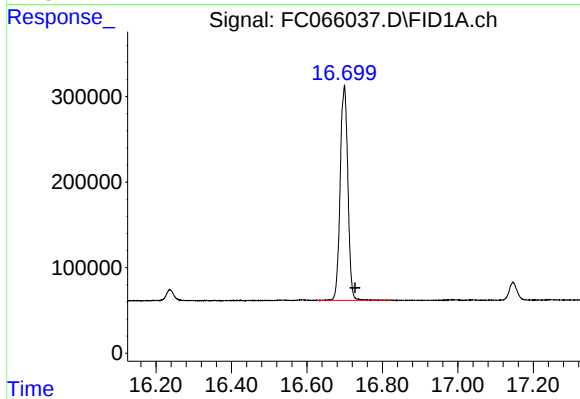
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.026 min
Response: 3421404
Conc: 20.03 ug/ml



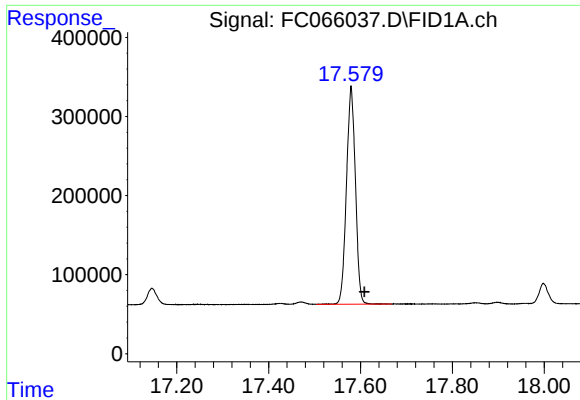
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.028 min
Response: 3461660
Conc: 20.56 ug/ml



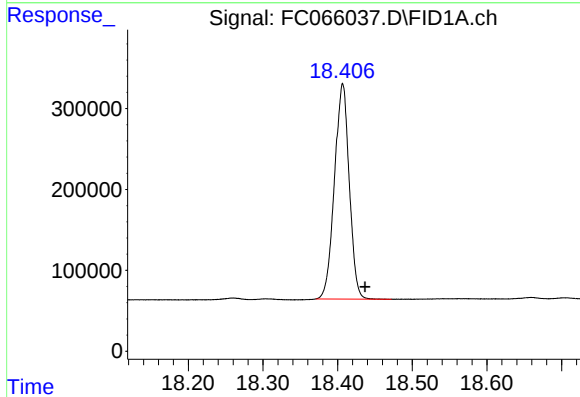
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.029 min
Response: 3546107
Conc: 21.33 ug/ml



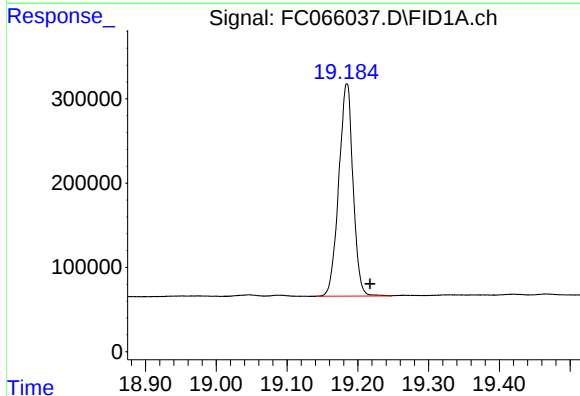
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: -0.029 min
Response: 3726537
Conc: 21.83 ug/ml



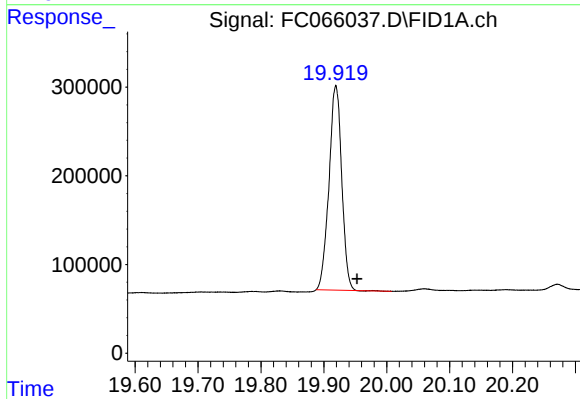
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.031 min
Response: 3661750
Conc: 21.72 ug/ml



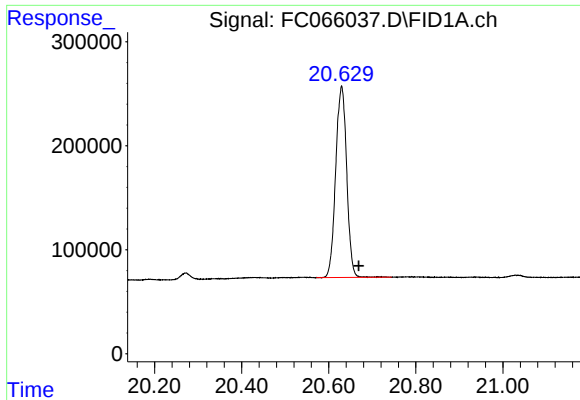
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.034 min
Response: 3523414
Conc: 21.50 ug/ml



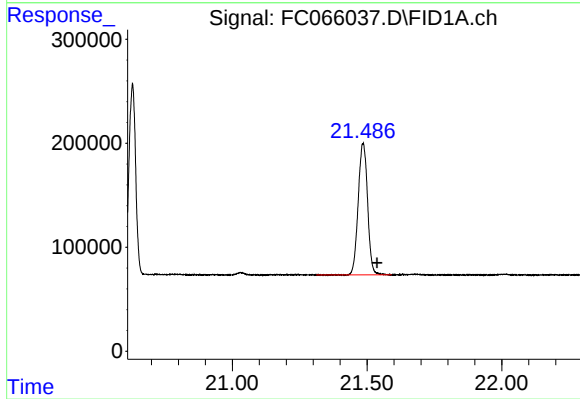
#20 n-Hexatriacontane (C36)

R.T.: 19.919 min
Delta R.T.: -0.034 min
Response: 3244110
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.629 min
Delta R.T.: -0.040 min
Response: 3223624
Conc: 20.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: -0.052 min
Response: 3058498
Conc: 19.34 ug/ml