

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040324AL\
 Data File : FC066167.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2024 13:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 01:16:18 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)	11.472	3671390	17.381 ug/ml
Spiked Amount 50.000		Recovery =	34.76%
12) S 1-chlorooctadecane (S...	12.902	2723665	17.373 ug/ml
Spiked Amount 50.000		Recovery =	34.75%
Target Compounds			
1) T n-Nonane (C9)	3.272	2930297	16.336 ug/ml
2) T n-Decane (C10)	4.332	3146919	16.922 ug/ml
3) T A~Naphthalene (C11.7)	5.922	3146784	16.490 ug/ml
4) T n-Dodecane (C12)	6.343	3234788	16.993 ug/ml
5) T A~2-methylnaphthalene...	6.979	2836761	16.019 ug/ml
6) T n-Tetradecane (C14)	8.131	3204263	17.177 ug/ml
7) T n-Hexadecane (C16)	9.724	3310879	17.231 ug/ml
8) T n-Octadecane (C18)	11.157	3404096	17.475 ug/ml
10) T n-Eicosane (C20)	12.459	3314423	17.537 ug/ml
11) T n-Heneicosane (C21)	13.068	3265540	17.448 ug/ml
13) T n-Docosane (C22)	13.648	3321254	17.538 ug/mlm
14) T n-Tetracosane (C24)	14.744	3437848	17.712 ug/ml
15) T n-Hexacosane (C26)	15.757	3478530	18.013 ug/ml
16) T n-Octacosane (C28)	16.701	3639931	18.735 ug/ml
17) T n-Tricontane (C30)	17.582	3992176	20.165 ug/ml
18) T n-Dotriacontane (C32)	18.410	4036423	20.874 ug/ml
19) T n-Tetratriacontane (C34)	19.187	3703009	20.199 ug/ml
20) T n-Hexatriacontane (C36)	19.923	3341548	19.010 ug/ml
21) T n-Octatriacontane (C38)	20.633	3137461	18.184 ug/ml
22) T n-Tetracontane (C40)	21.490	2985232	17.730 ug/ml

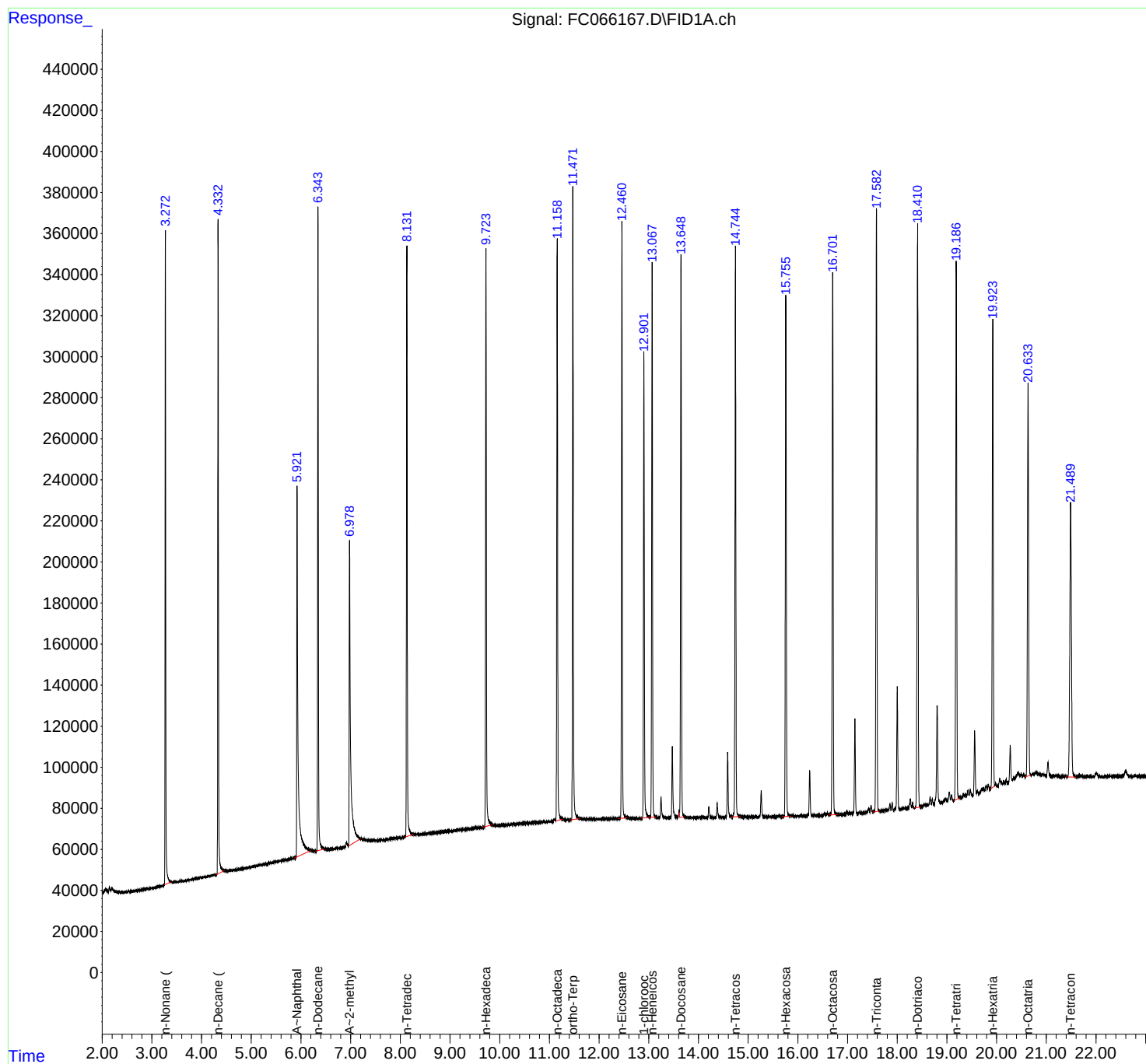
(f)=RT Delta > 1/2 Window

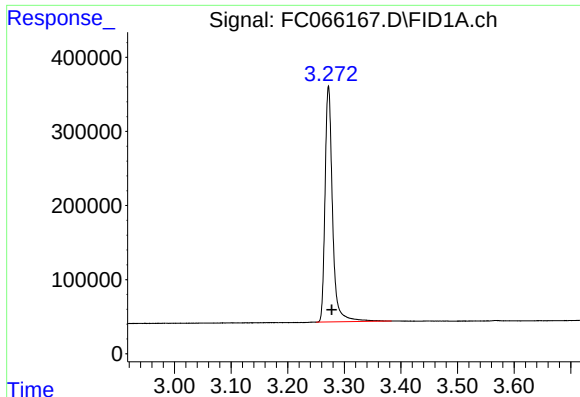
(m)=manual int.

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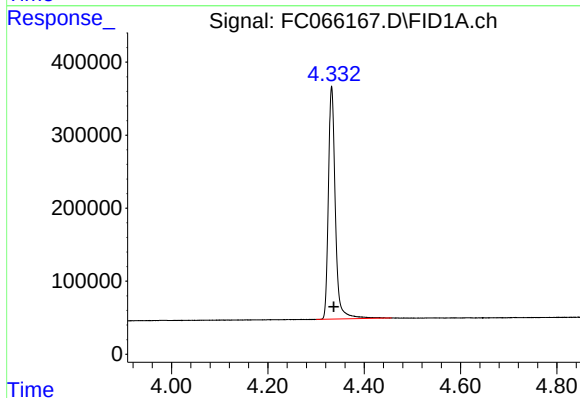
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Signal Info : 20M x 0.18mm x 0.18um





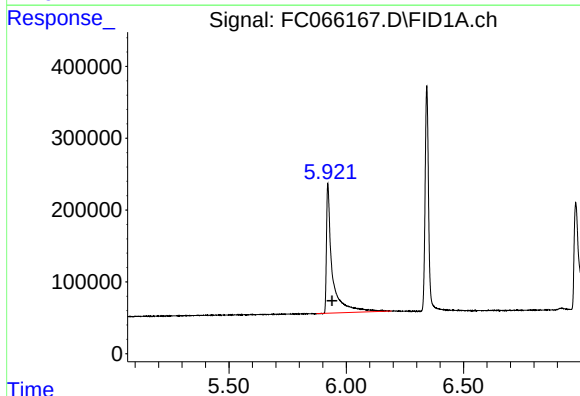
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: -0.006 min
Response: 2930297
Conc: 16.34 ug/ml



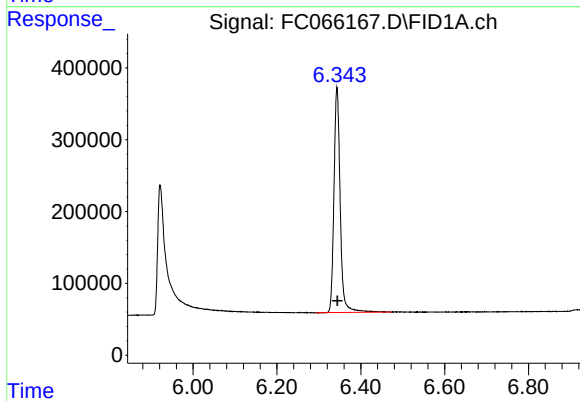
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.004 min
Response: 3146919
Conc: 16.92 ug/ml



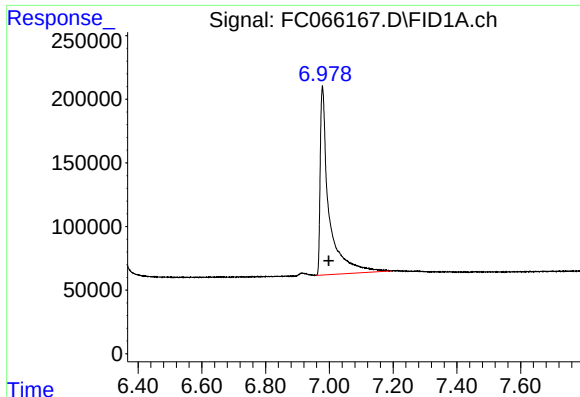
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.017 min
Response: 3146784
Conc: 16.49 ug/ml



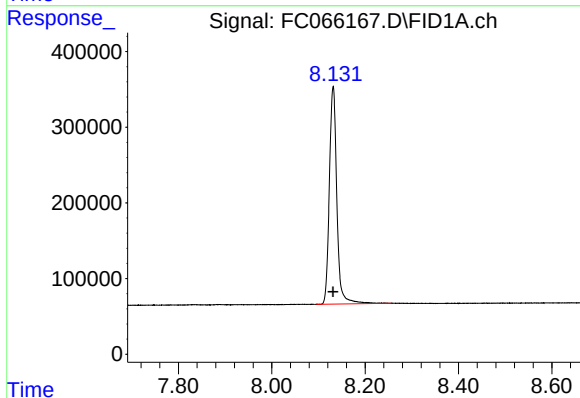
#4 n-Dodecane (C12)

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 3234788
Conc: 16.99 ug/ml



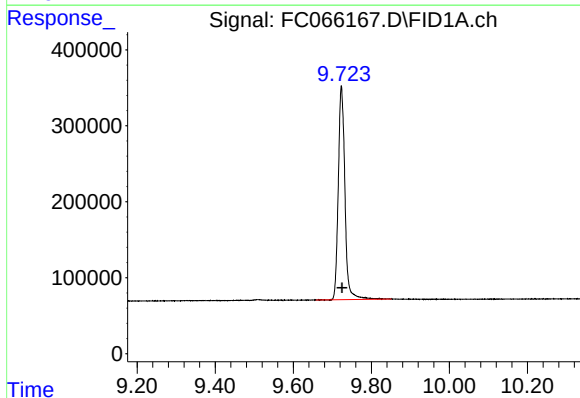
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.019 min
Response: 2836761
Conc: 16.02 ug/ml



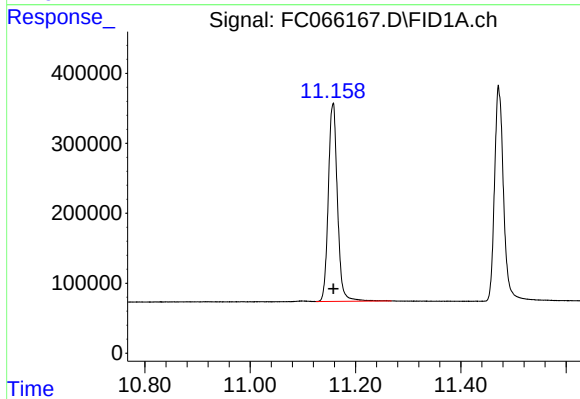
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 3204263
Conc: 17.18 ug/ml



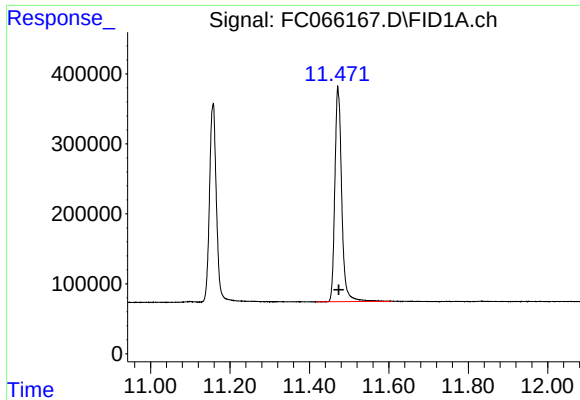
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.002 min
Response: 3310879
Conc: 17.23 ug/ml



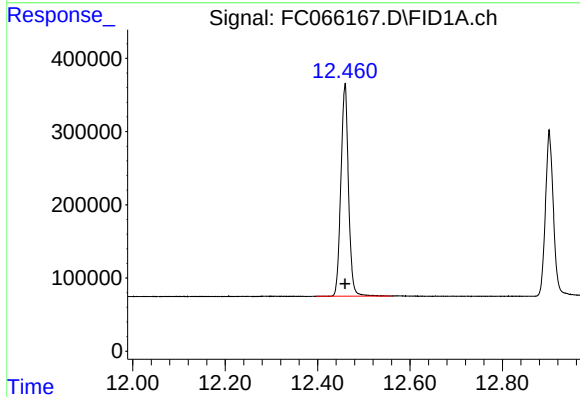
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: 0.000 min
Response: 3404096
Conc: 17.47 ug/ml



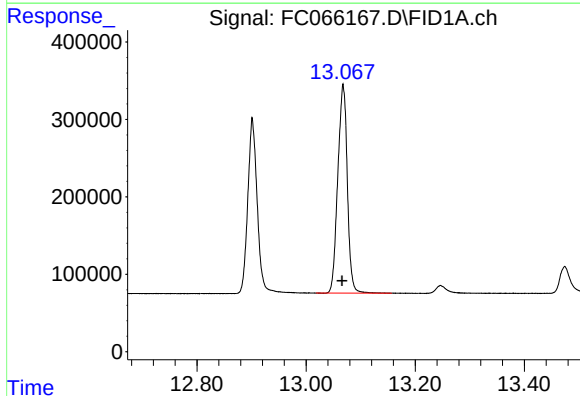
#9 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.001 min
Response: 3671390
Conc: 17.38 ug/ml



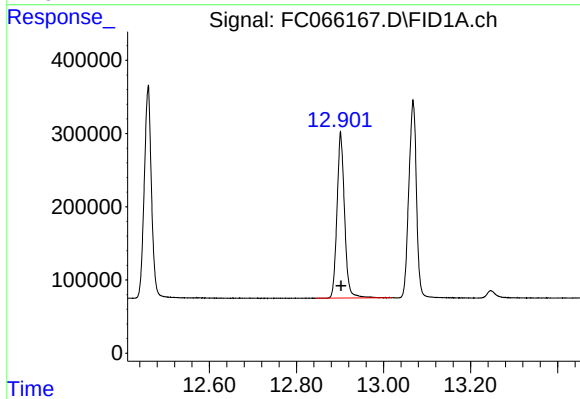
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: 0.000 min
Response: 3314423
Conc: 17.54 ug/ml



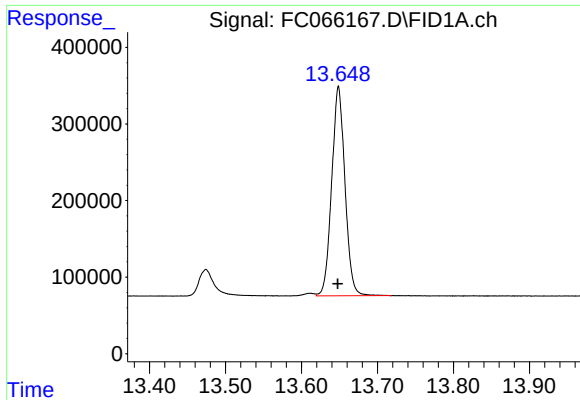
#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: 0.002 min
Response: 3265540
Conc: 17.45 ug/ml



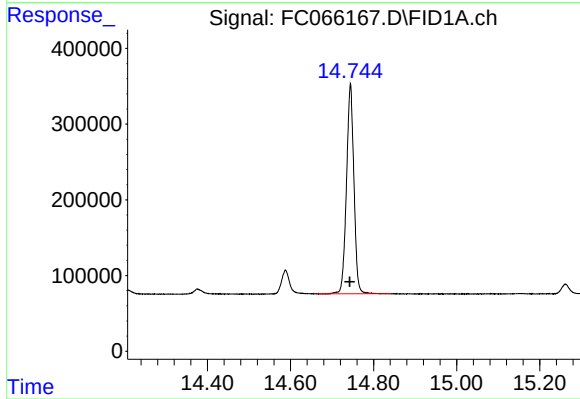
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 2723665
Conc: 17.37 ug/ml



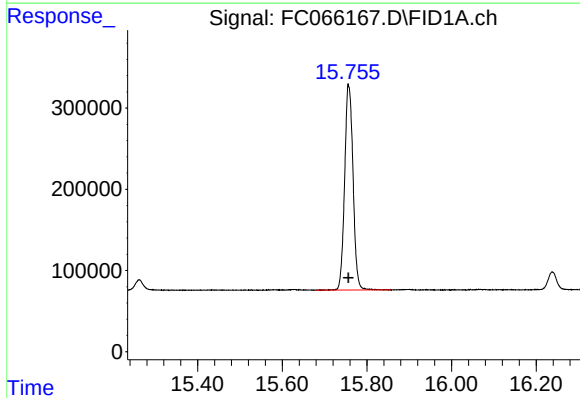
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 3321254
Conc: 17.54 ug/ml m



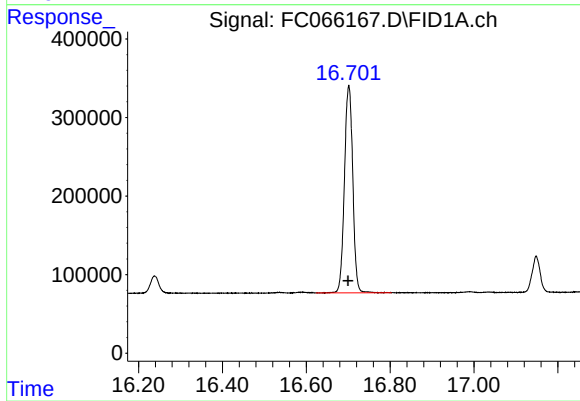
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: 0.001 min
Response: 3437848
Conc: 17.71 ug/ml



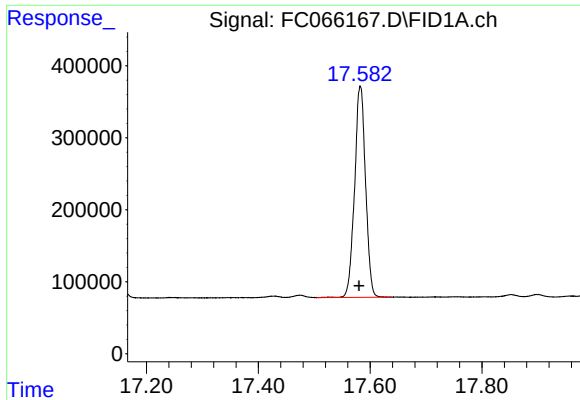
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: 0.001 min
Response: 3478530
Conc: 18.01 ug/ml



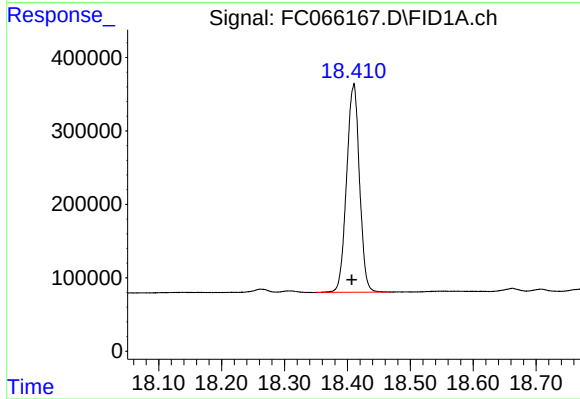
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: 0.002 min
Response: 3639931
Conc: 18.73 ug/ml



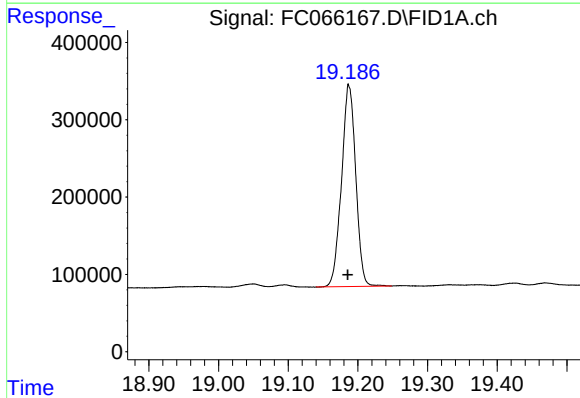
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: 0.002 min
Response: 3992176
Conc: 20.16 ug/ml



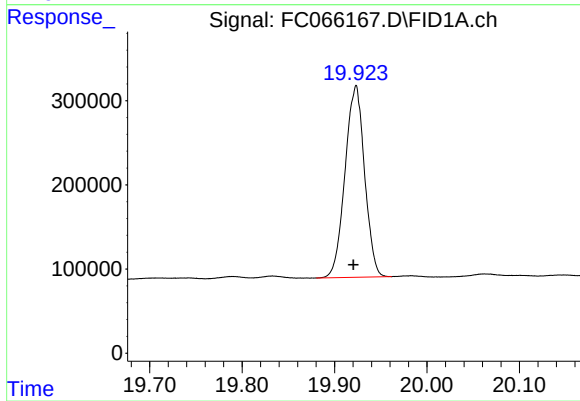
#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: 0.003 min
Response: 4036423
Conc: 20.87 ug/ml



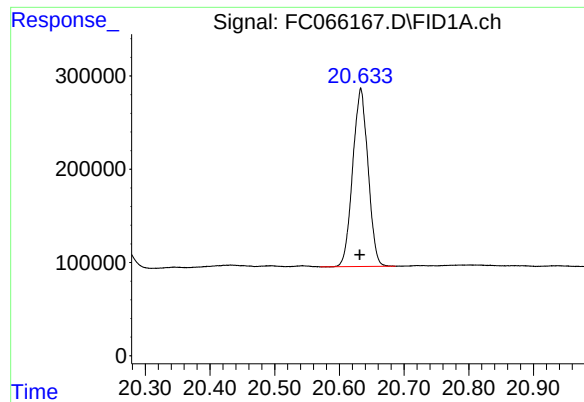
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: 0.002 min
Response: 3703009
Conc: 20.20 ug/ml



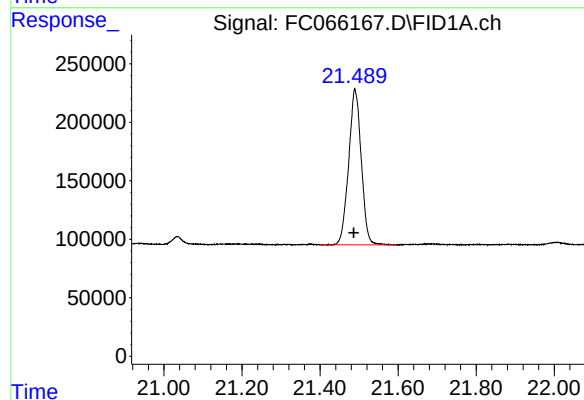
#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: 0.002 min
Response: 3341548
Conc: 19.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: 0.002 min
Response: 3137461
Conc: 18.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.490 min
Delta R.T.: 0.003 min
Response: 2985232
Conc: 17.73 ug/ml