

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065909.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2024 03:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 04:26:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.499	3208099	18.703 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	12.929	2420242	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.287	2695830	17.944 ug/ml
2) T n-Decane (C10)	4.350	2812773	18.500 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3037217	19.695 ug/ml
4) T n-Dodecane (C12)	6.364	2915428	19.049 ug/ml
5) T A~2-methylnaphthalene...	6.998	2760149	19.383 ug/ml
6) T n-Tetradecane (C14)	8.154	2821434	19.004 ug/ml
7) T n-Hexadecane (C16)	9.749	2924283	19.500 ug/ml
8) T n-Octadecane (C18)	11.183	2970063	19.255 ug/ml
10) T n-Eicosane (C20)	12.486	2889603	19.215 ug/ml
11) T n-Heneicosane (C21)	13.095	2862990	19.143 ug/ml
13) T n-Docosane (C22)	13.677	2870486	19.352 ug/ml
14) T n-Tetracosane (C24)	14.775	2907282	19.553 ug/ml
15) T n-Hexacosane (C26)	15.789	2897443	19.552 ug/ml
16) T n-Octacosane (C28)	16.734	2998608	20.436 ug/ml
17) T n-Tricontane (C30)	17.617	3294660	21.947 ug/ml
18) T n-Dotriacontane (C32)	18.444	3363040	22.741 ug/ml
19) T n-Tetratriacontane (C34)	19.224	3155414	21.770 ug/ml
20) T n-Hexatriacontane (C36)	19.960	2956483	20.828 ug/ml
21) T n-Octatriacontane (C38)	20.676	2904302	20.518 ug/ml
22) T n-Tetracontane (C40)	21.549	2650327	19.000 ug/ml

(f)=RT Delta > 1/2 Window

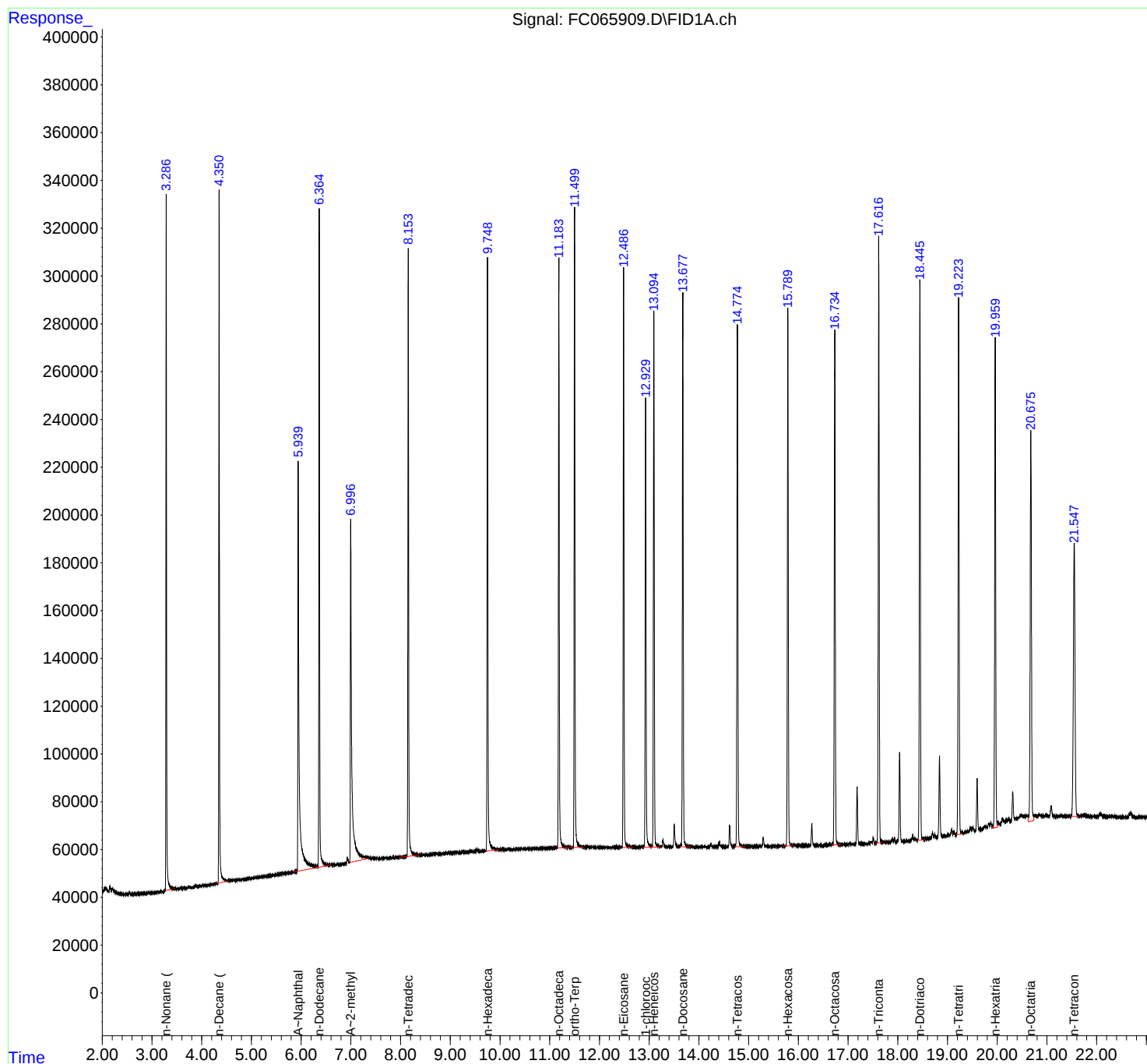
(m)=manual int.

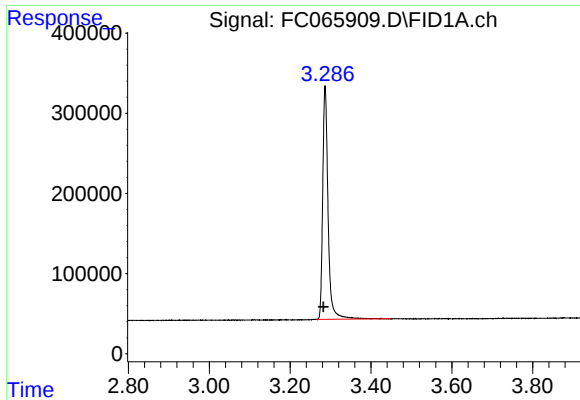
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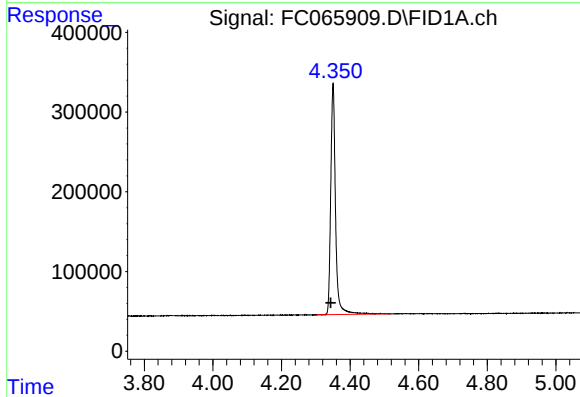




#1 n-Nonane (C9)

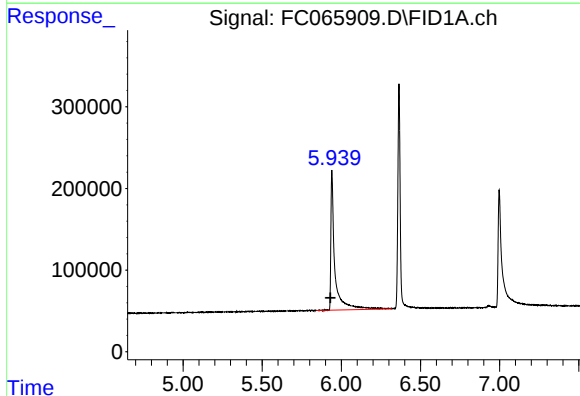
R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 2695830
Conc: 17.94 ug/ml

Instrument :
FID_C
ClientSampleId :



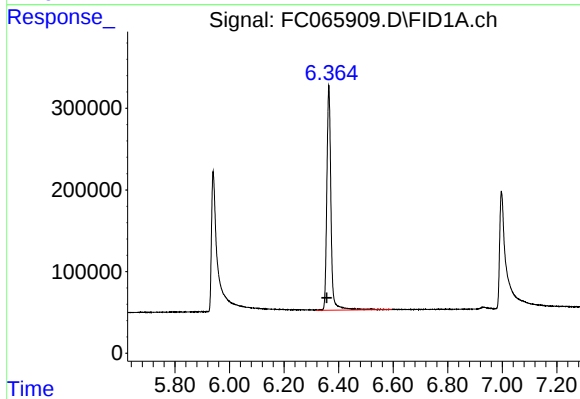
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.006 min
Response: 2812773
Conc: 18.50 ug/ml



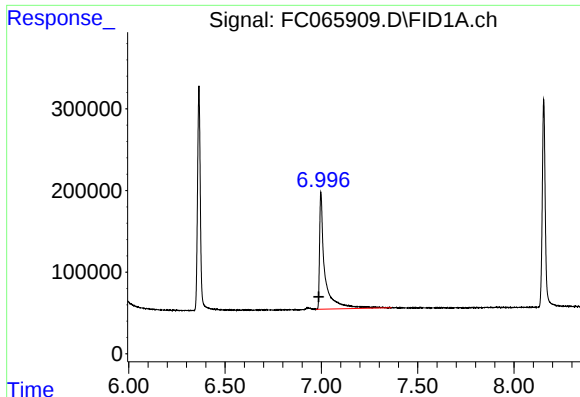
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: 0.009 min
Response: 3037217
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

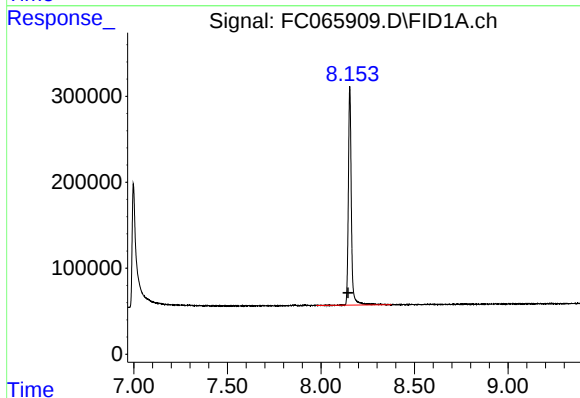
R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 2915428
Conc: 19.05 ug/ml



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

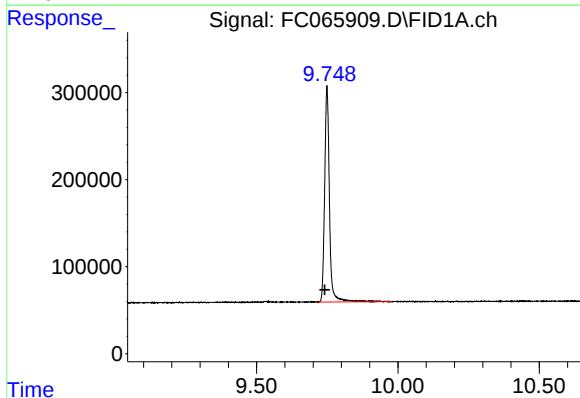
R.T.: 6.998 min
Delta R.T.: 0.011 min
Response: 2760149
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :



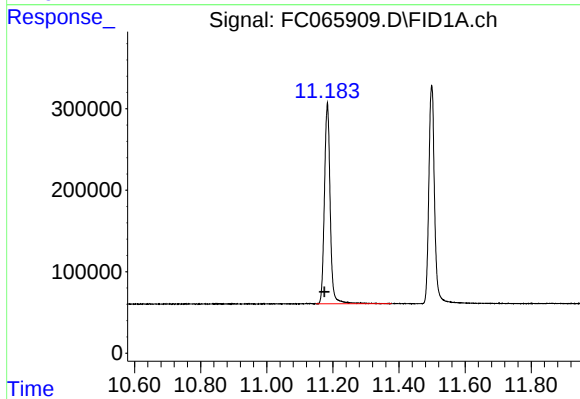
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 2821434
Conc: 19.00 ug/ml



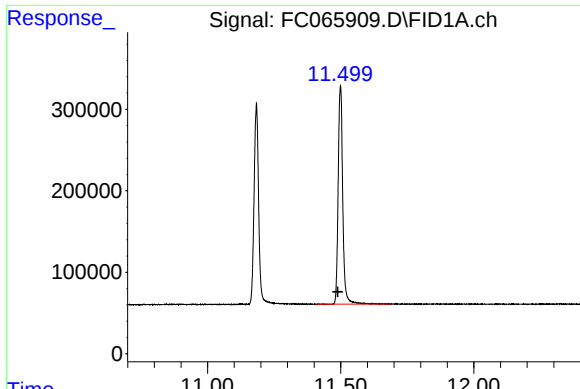
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 2924283
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

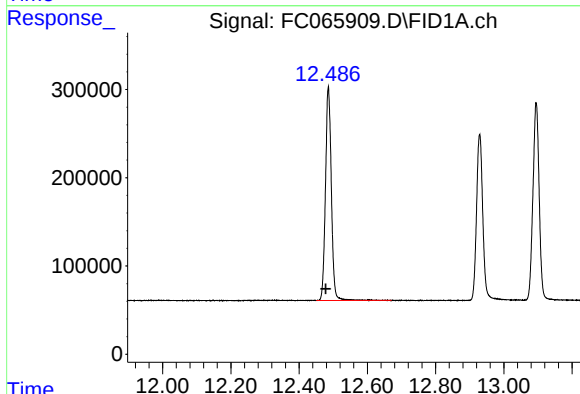
R.T.: 11.183 min
Delta R.T.: 0.009 min
Response: 2970063
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

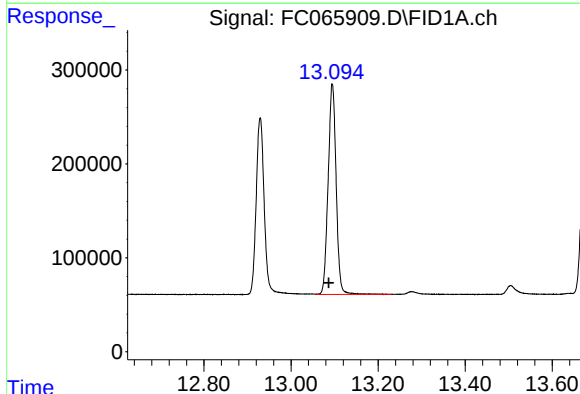
R.T.: 11.499 min
Delta R.T.: 0.010 min
Response: 3208099
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :



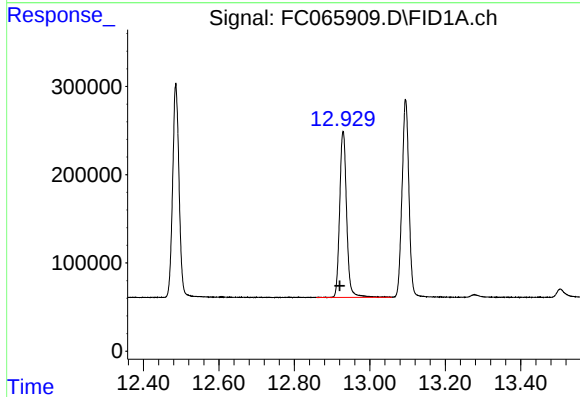
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.008 min
Response: 2889603
Conc: 19.22 ug/ml



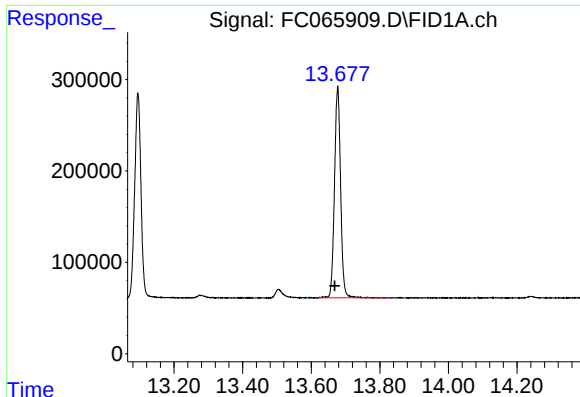
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.009 min
Response: 2862990
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

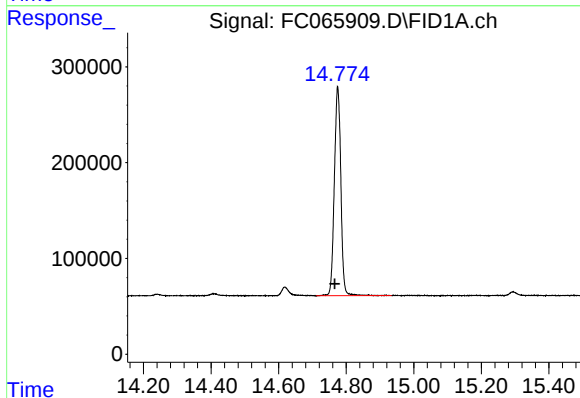
R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 2420242
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

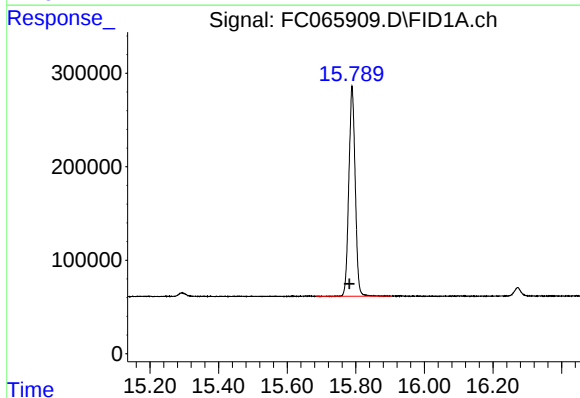
R.T.: 13.677 min
Delta R.T.: 0.008 min
Response: 2870486
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :



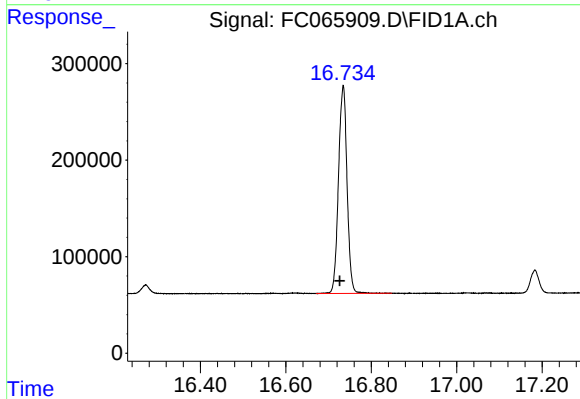
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.009 min
Response: 2907282
Conc: 19.55 ug/ml



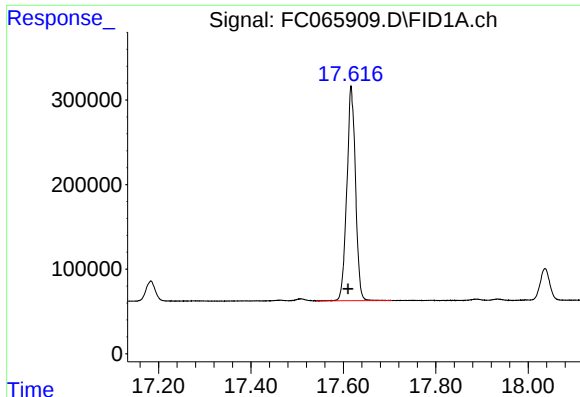
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.008 min
Response: 2897443
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

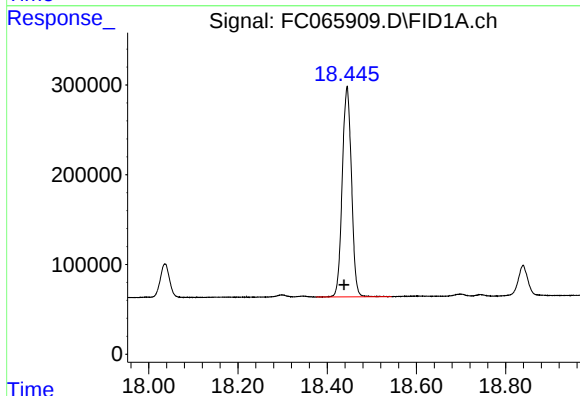
R.T.: 16.734 min
Delta R.T.: 0.008 min
Response: 2998608
Conc: 20.44 ug/ml



#17 n-Tricontane (C30)

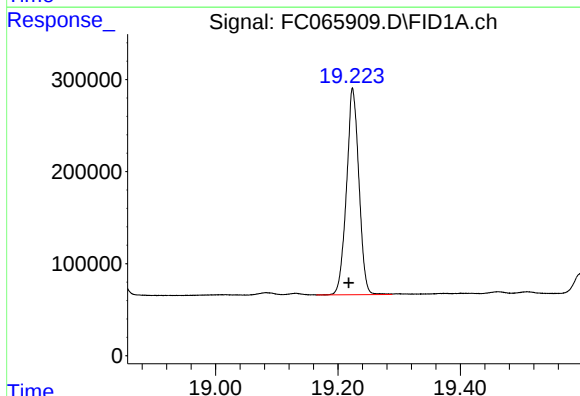
R.T.: 17.617 min
Delta R.T.: 0.008 min
Response: 3294660
Conc: 21.95 ug/ml

Instrument :
FID_C
ClientSampleId :



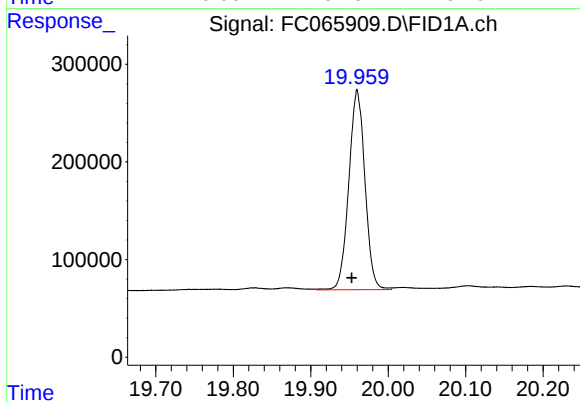
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.006 min
Response: 3363040
Conc: 22.74 ug/ml



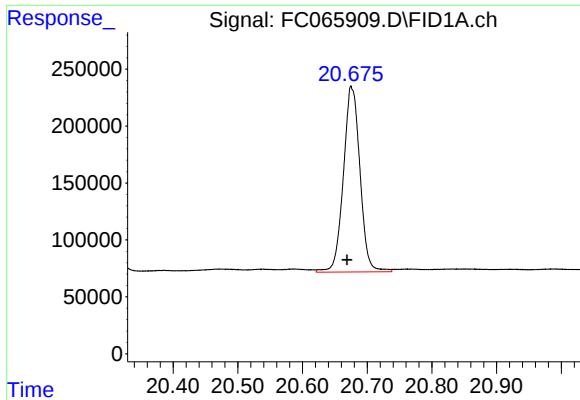
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.007 min
Response: 3155414
Conc: 21.77 ug/ml



#20 n-Hexatriacontane (C36)

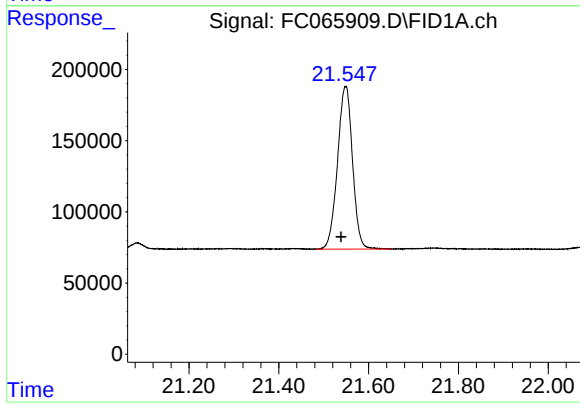
R.T.: 19.960 min
Delta R.T.: 0.007 min
Response: 2956483
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.007 min
Response: 2904302
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: 0.010 min
Response: 2650327
Conc: 19.00 ug/ml