

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042079.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2023 00:52
 Operator : YP\AJ
 Sample : 02849-31MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 04:24:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.964	4883141	27.654 ug/ml
Spiked Amount 50.000		Recovery =	55.31%
12) S 1-chlorooctadecane (S...	13.399	3944721	29.687 ug/ml
Spiked Amount 50.000		Recovery =	59.37%
Target Compounds			
1) T n-Nonane (C9)	3.349	4419057	30.646 ug/ml
2) T n-Decane (C10)	4.598	5031590	33.989 ug/ml
3) T A~Naphthalene (C11.7)	6.302	5777629	35.411 ug/ml
4) T n-Dodecane (C12)	6.764	5471869	36.490 ug/ml
5) T A~2-methylnaphthalene...	7.399	5714295	36.006 ug/ml
6) T n-Tetradecane (C14)	8.595	5805611	38.754 ug/ml
7) T n-Hexadecane (C16)	10.202	6768117	43.449 ug/ml
8) T n-Octadecane (C18)	11.646	7055909	44.620 ug/ml
10) T n-Eicosane (C20)	12.957	7234505	47.727 ug/ml
11) T n-Heneicosane (C21)	13.568	6997987	47.235 ug/ml
13) T n-Docosane (C22)	14.154	6952897	47.428 ug/ml
14) T n-Tetracosane (C24)	15.246	13253407	91.810 ug/ml
15) T n-Hexacosane (C26)	16.280	6616494	47.773 ug/ml
16) T n-Octacosane (C28)	17.228	6345542	47.396 ug/ml
17) T n-Tricontane (C30)	18.117	6117244	45.316 ug/ml
18) T n-Dotriacontane (C32)	18.947	5850668	43.795 ug/ml
19) T n-Tetratriacontane (C34)	19.730	5600720	42.588 ug/ml
20) T n-Hexatriacontane (C36)	20.469	5213904	40.115 ug/ml
21) T n-Octatriacontane (C38)	21.220	5114346	37.696 ug/ml
22) T n-Tetracontane (C40)	22.152	5085000	36.551 ug/ml

(f)=RT Delta > 1/2 Window

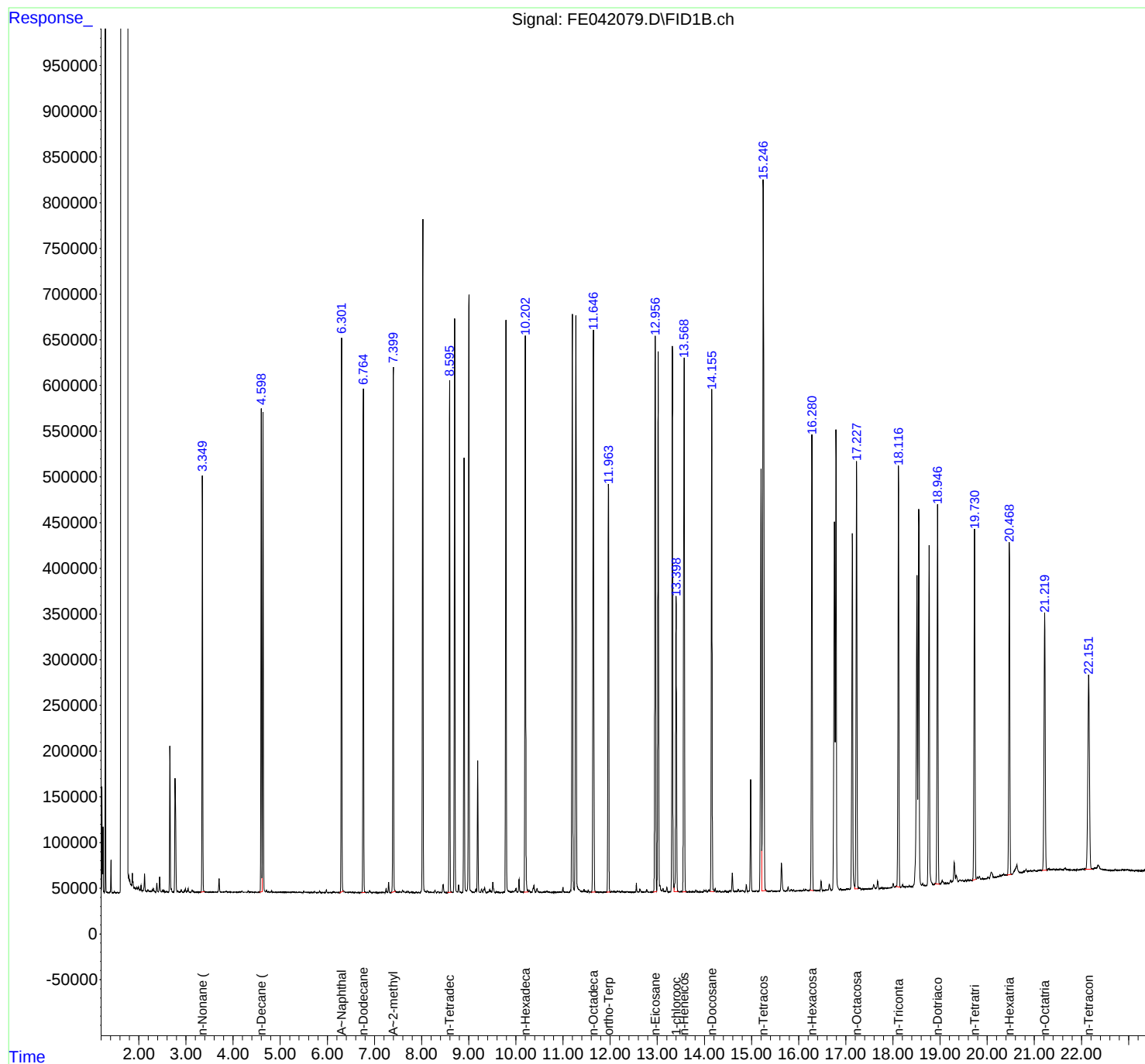
(m)=manual int.

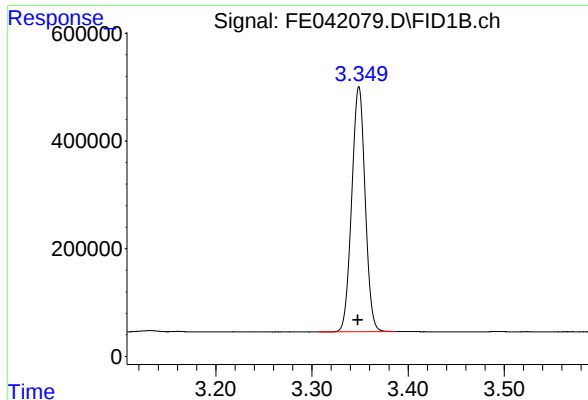
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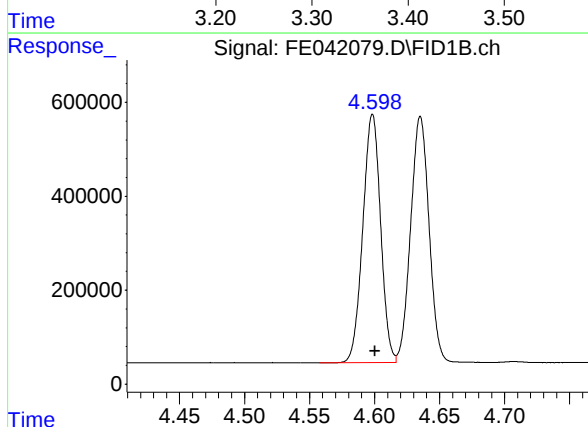




#1 n-Nonane (C9)

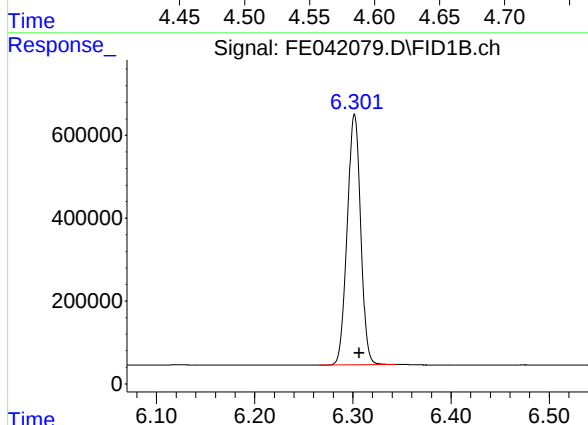
R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 4419057
Conc: 30.65 ug/ml

Instrument :
FID_E
ClientSampleId :



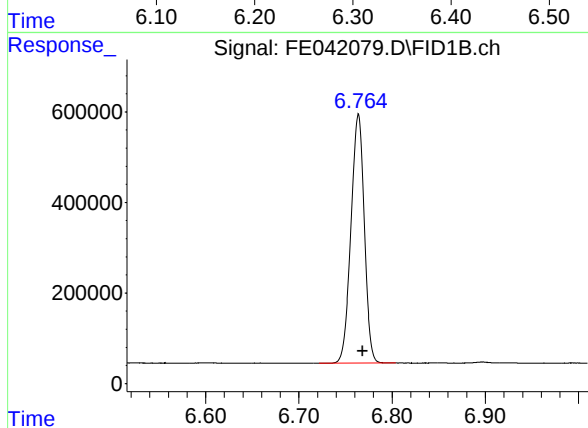
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 5031590
Conc: 33.99 ug/ml



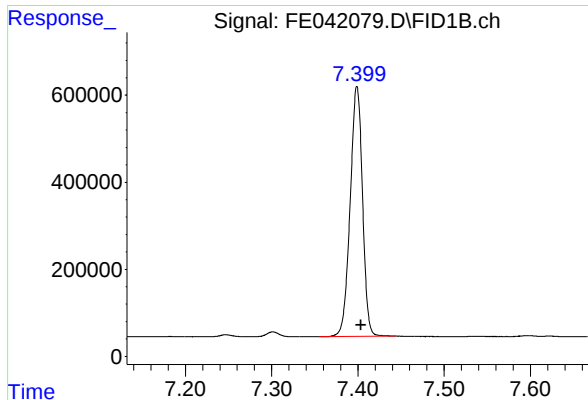
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 5777629
Conc: 35.41 ug/ml



#4 n-Dodecane (C12)

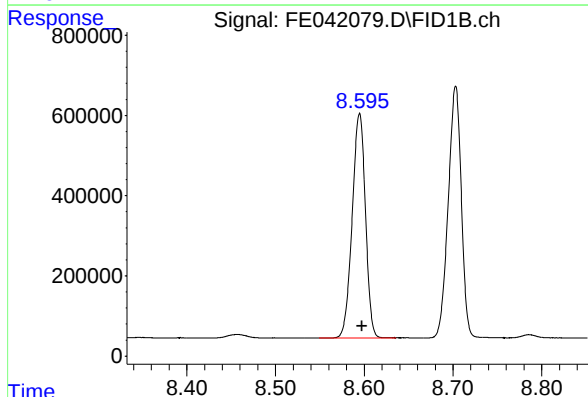
R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 5471869
Conc: 36.49 ug/ml



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

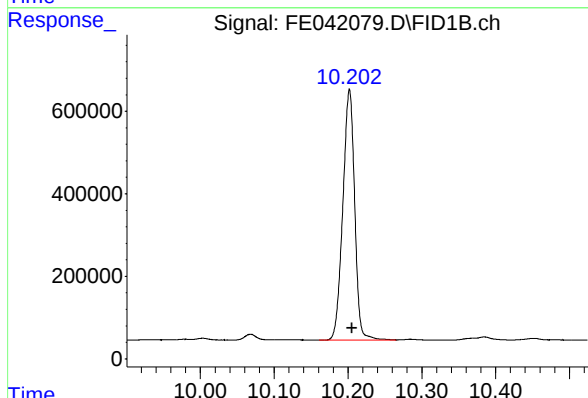
R.T.: 7.399 min
Delta R.T.: -0.005 min
Response: 5714295
Conc: 36.01 ug/ml

Instrument :
FID_E
ClientSampleId :



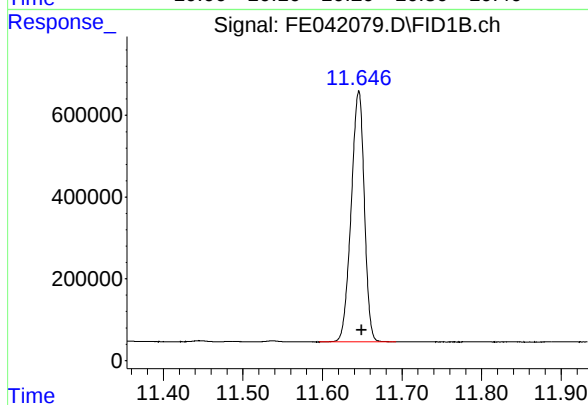
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.002 min
Response: 5805611
Conc: 38.75 ug/ml



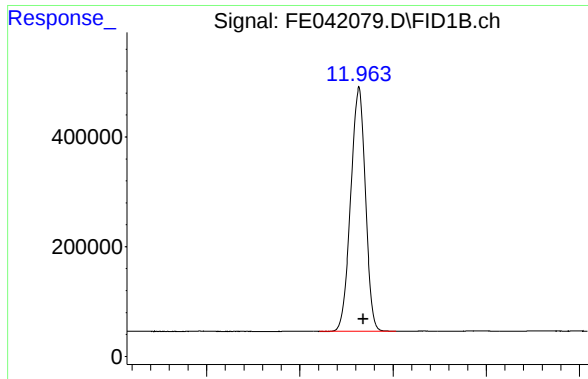
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.003 min
Response: 6768117
Conc: 43.45 ug/ml



#8 n-Octadecane (C18)

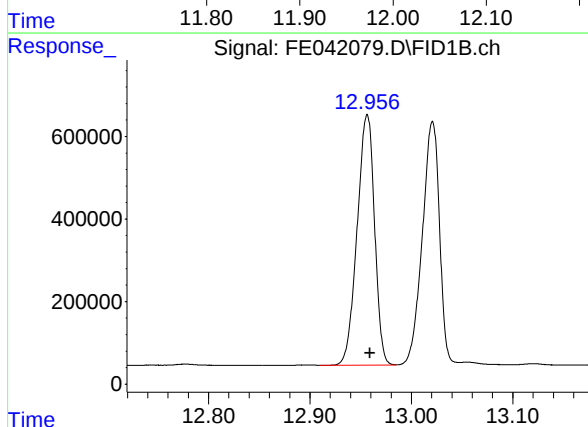
R.T.: 11.646 min
Delta R.T.: -0.003 min
Response: 7055909
Conc: 44.62 ug/ml



#9 ortho-Terphenyl (SURR)

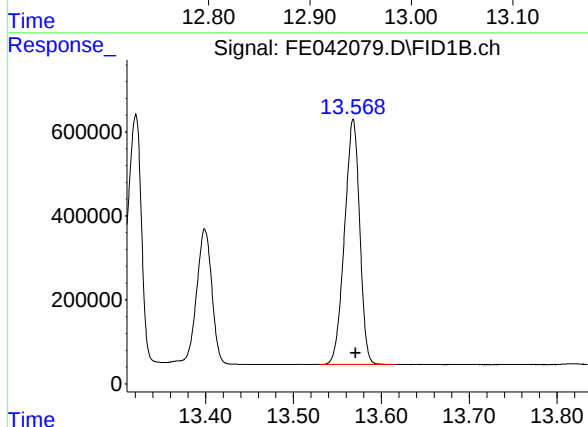
R.T.: 11.964 min
Delta R.T.: -0.005 min
Response: 4883141
Conc: 27.65 ug/ml

Instrument :
FID_E
ClientSampleId :



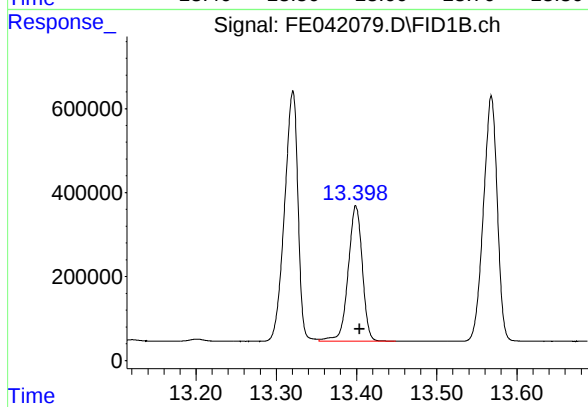
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.003 min
Response: 7234505
Conc: 47.73 ug/ml



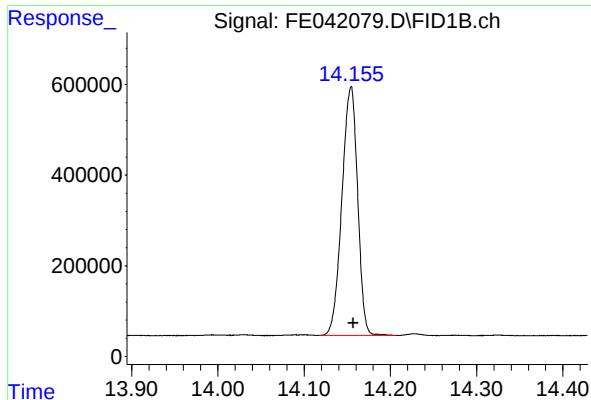
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.003 min
Response: 6997987
Conc: 47.23 ug/ml



#12 1-chlorooctadecane (SURR)

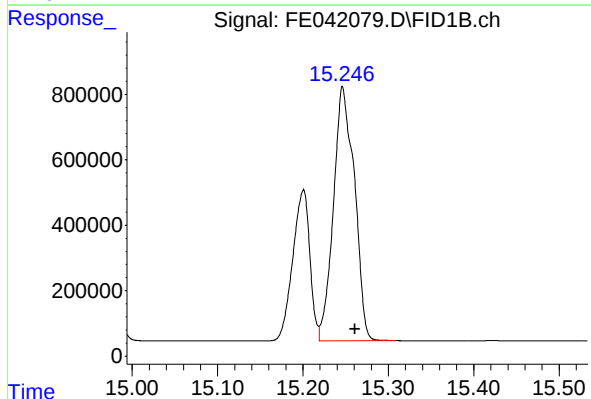
R.T.: 13.399 min
Delta R.T.: -0.005 min
Response: 3944721
Conc: 29.69 ug/ml



#13 n-Docosane (C22)

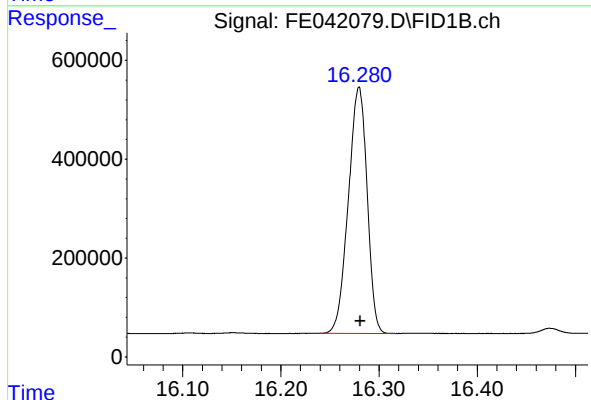
R.T.: 14.154 min
Delta R.T.: -0.003 min
Response: 6952897
Conc: 47.43 ug/ml

Instrument :
FID_E
ClientSampleId :



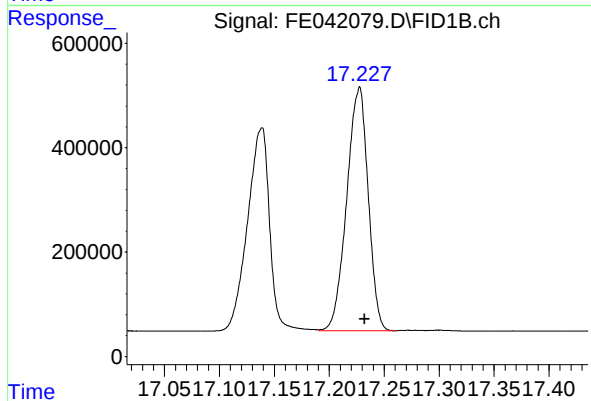
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.014 min
Response: 13253407
Conc: 91.81 ug/ml



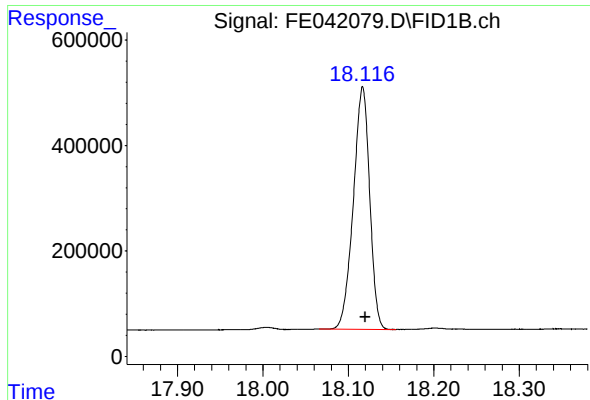
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.001 min
Response: 6616494
Conc: 47.77 ug/ml



#16 n-Octacosane (C28)

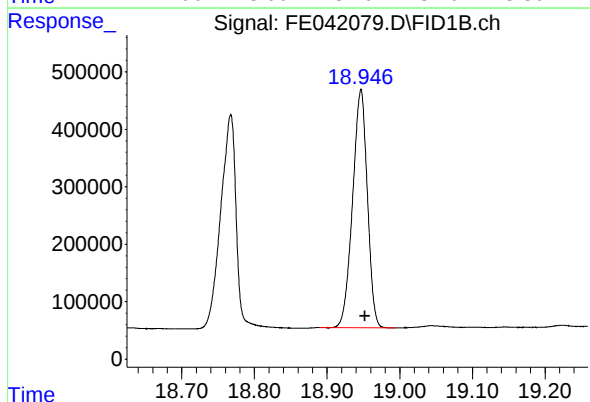
R.T.: 17.228 min
Delta R.T.: -0.005 min
Response: 6345542
Conc: 47.40 ug/ml



#17 n-Tricontane (C30)

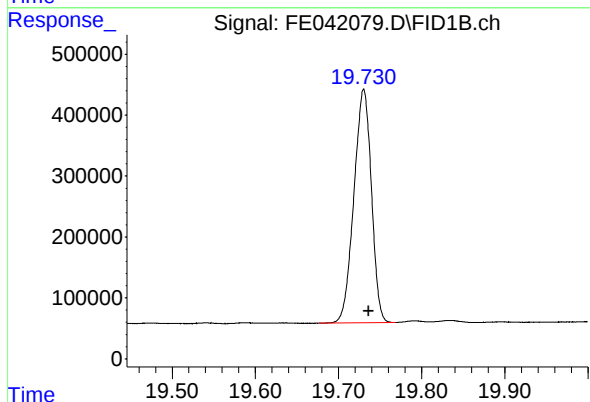
R.T.: 18.117 min
Delta R.T.: -0.003 min
Response: 6117244
Conc: 45.32 ug/ml

Instrument :
FID_E
ClientSampleId :



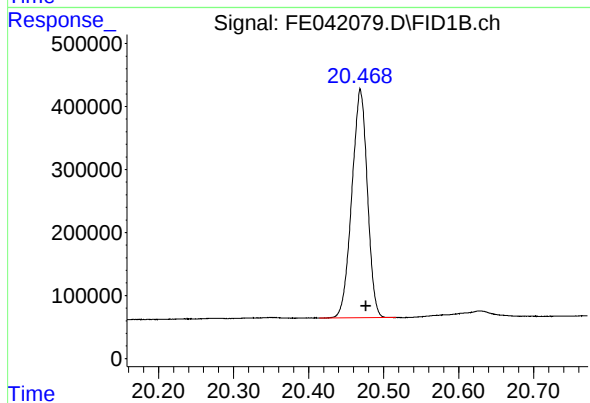
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 5850668
Conc: 43.80 ug/ml



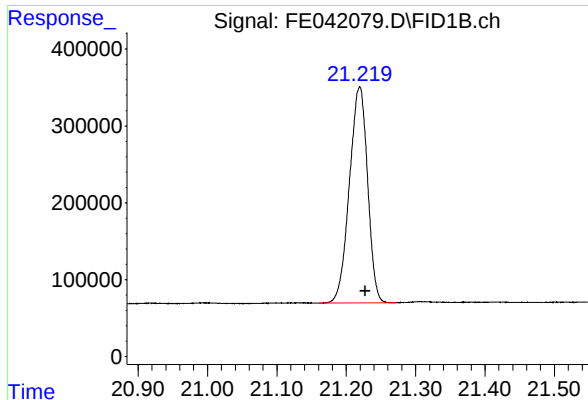
#19 n-Tetatriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.006 min
Response: 5600720
Conc: 42.59 ug/ml



#20 n-Hexatriacontane (C36)

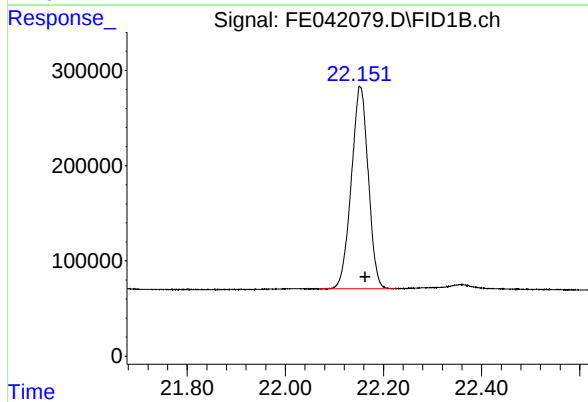
R.T.: 20.469 min
Delta R.T.: -0.008 min
Response: 5213904
Conc: 40.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.008 min
Response: 5114346
Conc: 37.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: -0.011 min
Response: 5085000
Conc: 36.55 ug/ml