

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041879.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2023 11:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 19:52:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.965	3618519	19.288 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	13.400	2666046	18.872 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T n-Nonane (C9)	3.346	2767172	18.825 ug/ml
2) T n-Decane (C10)	4.599	2912662	19.420 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3201124	19.343 ug/ml
4) T n-Dodecane (C12)	6.767	2949543	19.399 ug/ml
5) T A~2-methylnaphthalene...	7.400	3135931	19.448 ug/ml
6) T n-Tetradecane (C14)	8.595	2983728	19.642 ug/ml
7) T n-Hexadecane (C16)	10.203	3126332	19.591 ug/ml
8) T n-Octadecane (C18)	11.647	3206293	19.561 ug/ml
10) T n-Eicosane (C20)	12.956	3099052	19.267 ug/ml
11) T n-Heneicosane (C21)	13.568	3047589	19.123 ug/ml
13) T n-Docosane (C22)	14.154	3030813	19.022 ug/ml
14) T n-Tetracosane (C24)	15.257	3029396	18.790 ug/ml
15) T n-Hexacosane (C26)	16.278	2943910	18.621 ug/ml
16) T n-Octacosane (C28)	17.227	2931679	19.053 ug/ml
17) T n-Tricontane (C30)	18.114	3119395	20.481 ug/ml
18) T n-Dotriacontane (C32)	18.947	3109563	20.873 ug/ml
19) T n-Tetratriacontane (C34)	19.730	2907039	20.635 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2786552	20.837 ug/ml
21) T n-Octatriacontane (C38)	21.220	2680073	20.283 ug/ml
22) T n-Tetracontane (C40)	22.153	2613293	20.640 ug/ml

(f)=RT Delta > 1/2 Window

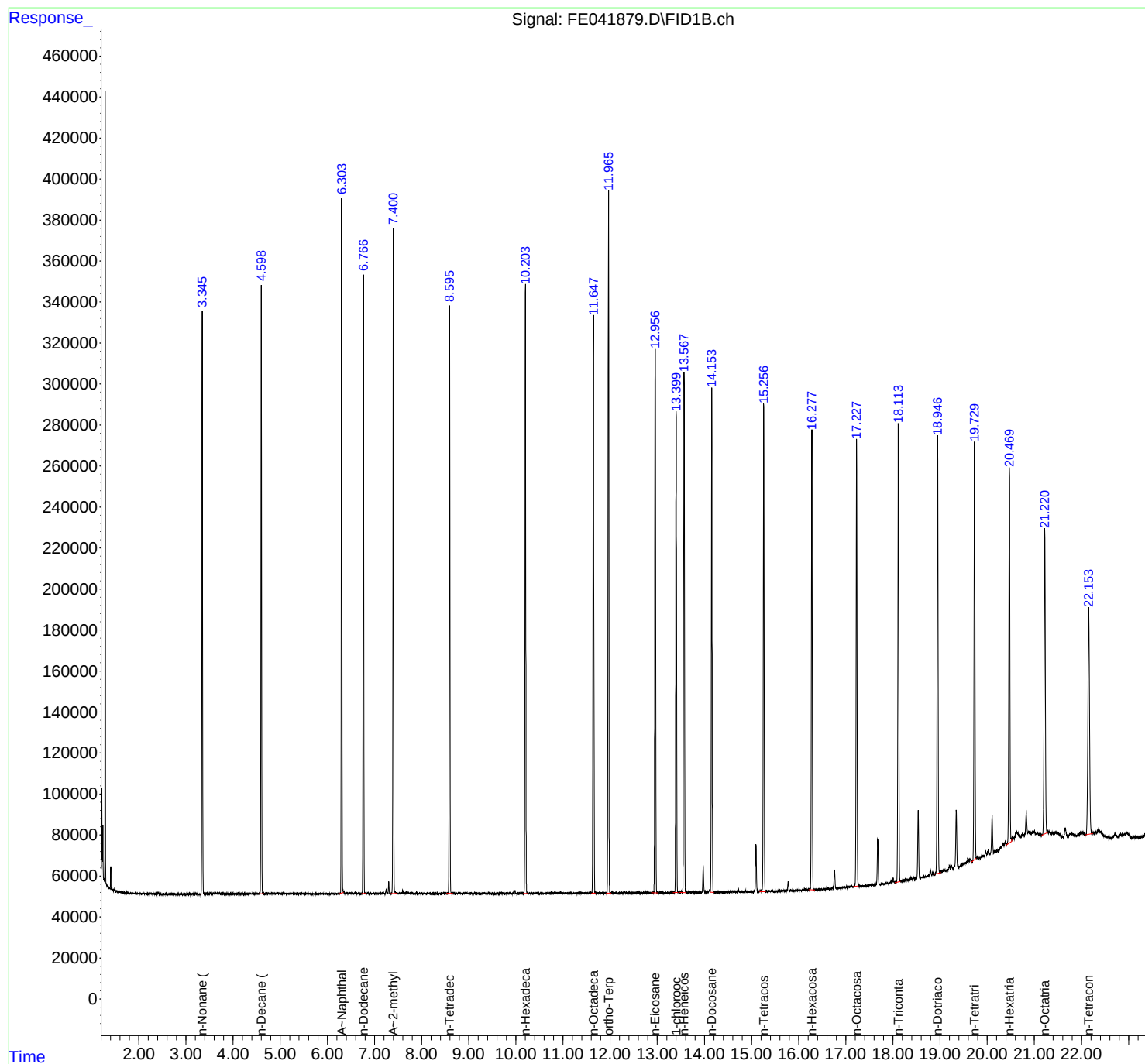
(m)=manual int.

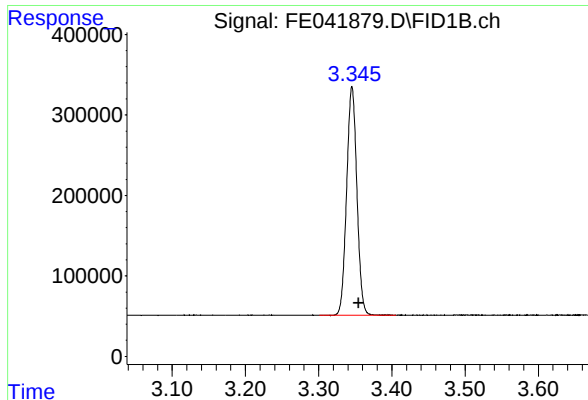
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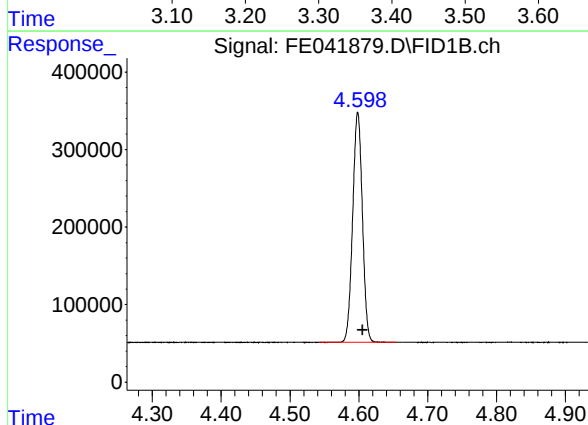




#1 n-Nonane (C9)

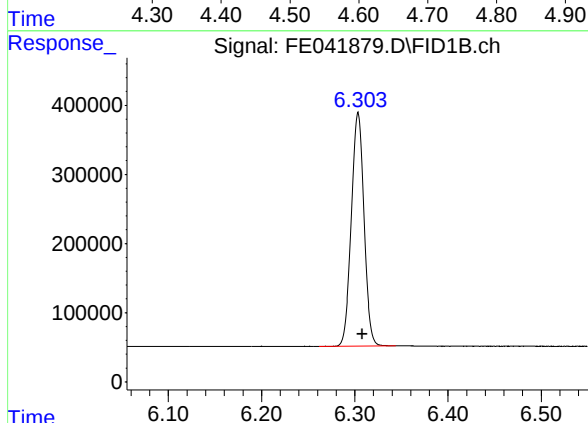
R.T.: 3.346 min
Delta R.T.: -0.009 min
Response: 2767172
Conc: 18.82 ug/ml

Instrument :
FID_E
ClientSampleId :



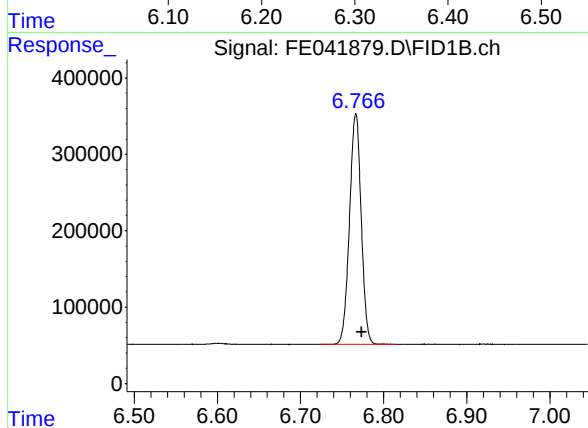
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.007 min
Response: 2912662
Conc: 19.42 ug/ml



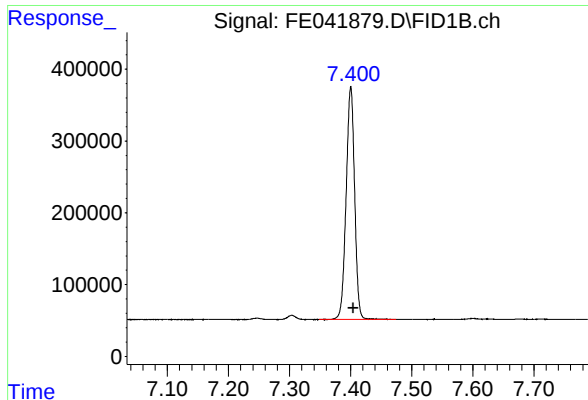
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.005 min
Response: 3201124
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

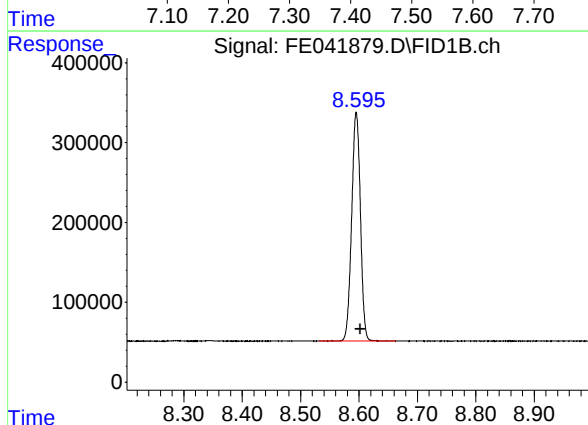
R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 2949543
Conc: 19.40 ug/ml



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

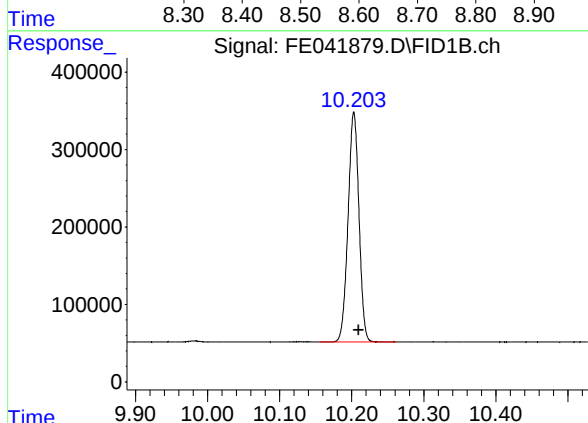
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 3135931
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :



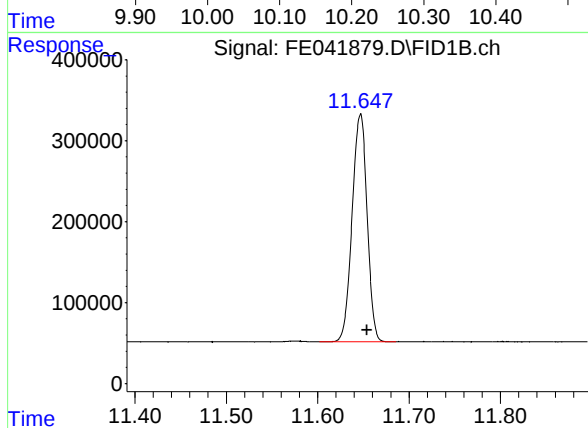
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.007 min
Response: 2983728
Conc: 19.64 ug/ml



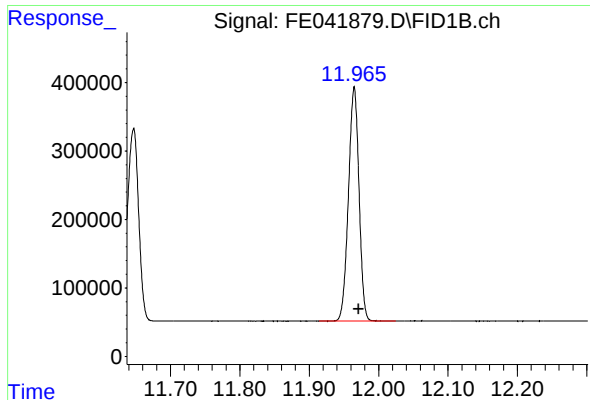
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.007 min
Response: 3126332
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

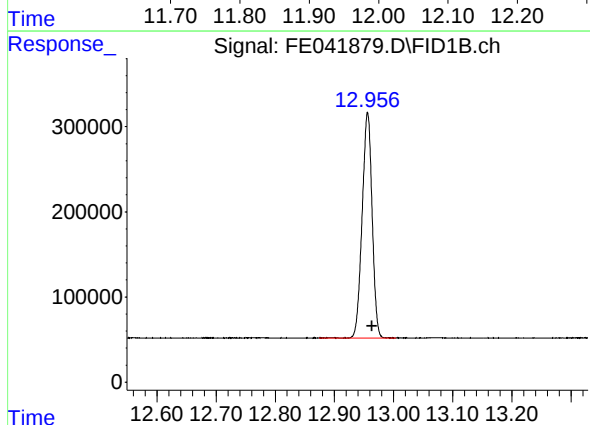
R.T.: 11.647 min
Delta R.T.: -0.007 min
Response: 3206293
Conc: 19.56 ug/ml



#9 ortho-Terphenyl (SURR)

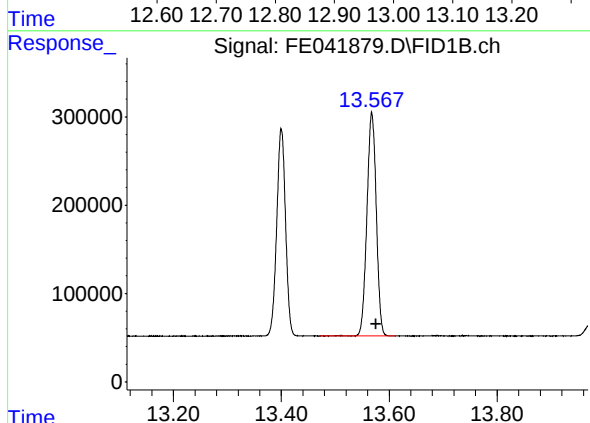
R.T.: 11.965 min
Delta R.T.: -0.007 min
Response: 3618519
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



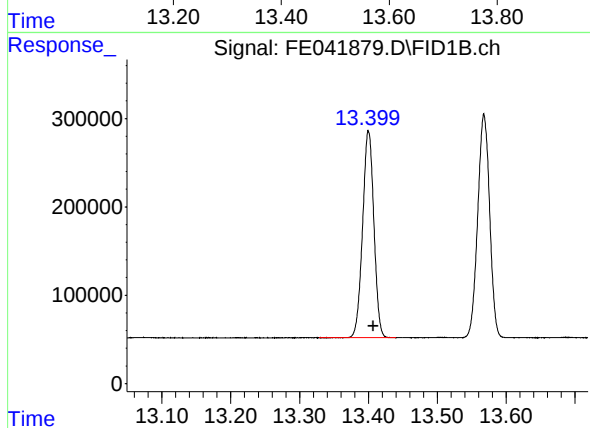
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.007 min
Response: 3099052
Conc: 19.27 ug/ml



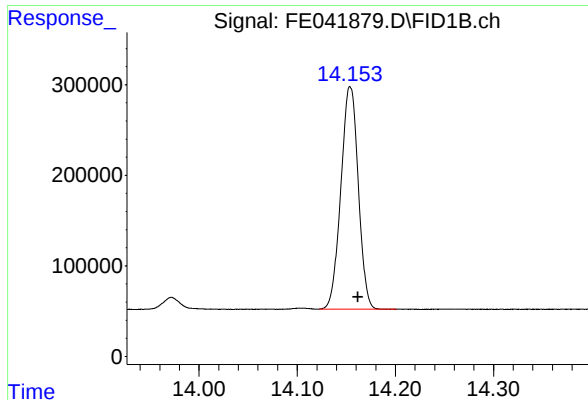
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.008 min
Response: 3047589
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

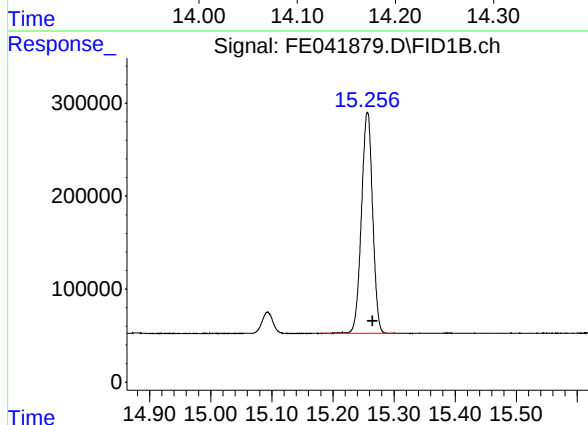
R.T.: 13.400 min
Delta R.T.: -0.007 min
Response: 2666046
Conc: 18.87 ug/ml



#13 n-Docosane (C22)

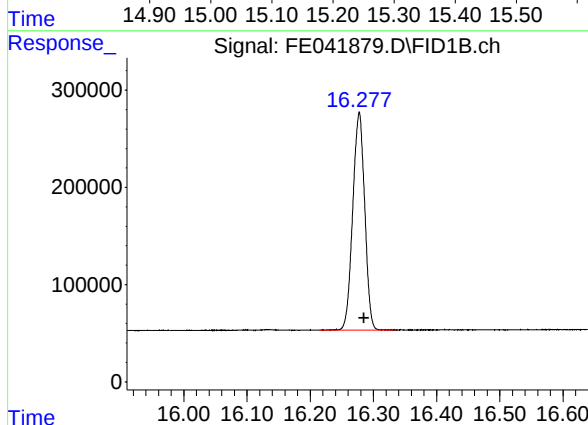
R.T.: 14.154 min
Delta R.T.: -0.008 min
Response: 3030813
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :



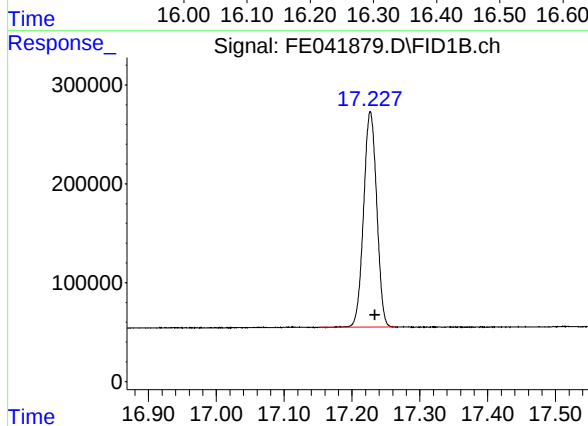
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.008 min
Response: 3029396
Conc: 18.79 ug/ml



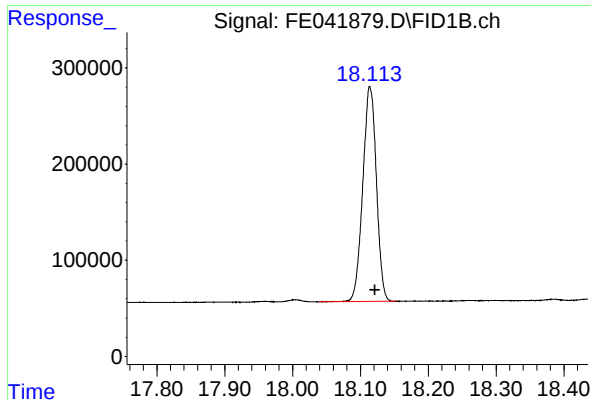
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.007 min
Response: 2943910
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

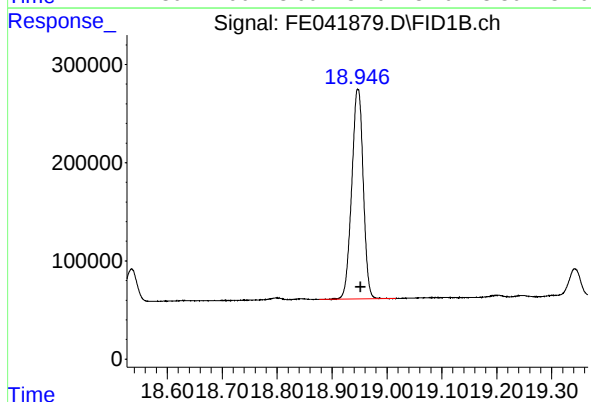
R.T.: 17.227 min
Delta R.T.: -0.007 min
Response: 2931679
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

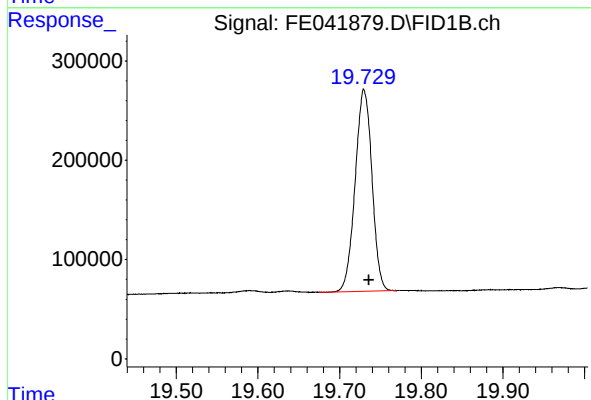
R.T.: 18.114 min
Delta R.T.: -0.008 min
Response: 3119395
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :



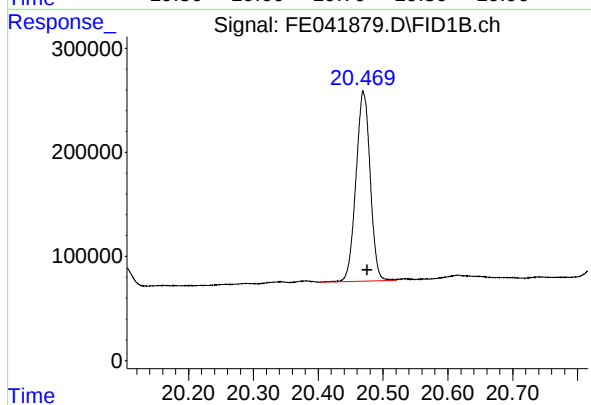
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 3109563
Conc: 20.87 ug/ml



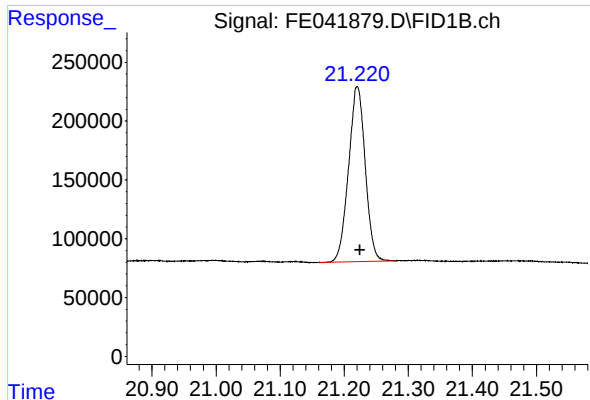
#19 n-Tetatriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.006 min
Response: 2907039
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

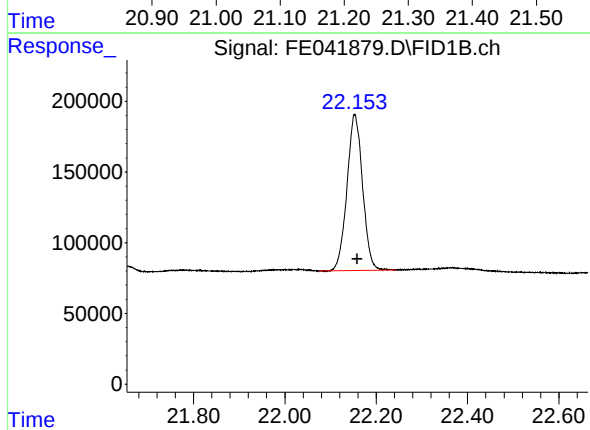
R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 2786552
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.005 min
Response: 2680073
Conc: 20.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: -0.006 min
Response: 2613293
Conc: 20.64 ug/ml